

AD-A102 404 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
HOMESTEAD AFB, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)  
JUN 81  
UNCLASSIFIED USAFETAC/DS-81/065 SBIE-AD-E850 091 NL

JUN 5  
SEC  
DOWNS

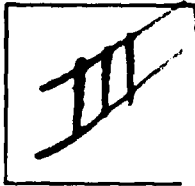
The table consists of 10 columns and 10 rows. The top-left cell is empty. The rest of the cells are filled with black redaction marks. The redaction marks are solid black rectangles of varying sizes, completely obscuring any text or data that might have been in the cells.

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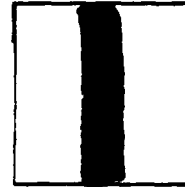


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REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

HOMESTEAD AFB FL  
L 25 29 W 80 23 FLD ELEV 7 FT HST JBAH #12826  
WMO #

PARTS A-F  
PCR FROM HOURLY OBS: DEC 68 - DEC 70, JAN 73 - NOV 80

PCR FROM DAILY OBS: FEB 43 - SEP 44, MAY 45 - JUNE 45  
AUG 45 - NOV 45, JUNE 56 - NOV 80

TIME CONVERSION GMT TO LST: -5

JUN 17 1981

FEDERAL BUILDING  
ASHEVILLE, N. C.

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Review and Approval Statement

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

*Wayne E. McCollom*

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

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AMS Scientific and technical  
Information Officer (STINFO)

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 SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

**ADE 850 091**

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS-81/065	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- HOMESTEAD AFB, FLORIDA		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR(S)		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(S)															
11. PERFORMING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 17 JUN 81															
		13. NUMBER OF PAGES 409															
		15. SECURITY CLASS. for this report UNCLASSIFIED															
		15a. SECURITY CLASSIFICATION DOWNWARD NO SCHEDULE															
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. SUBJECT TERMS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for <b>HOMESTEAD AFB, FLORIDA</b> It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percentage frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables  
\*FLORIDA      \*HOMESTEAD AFB, FL
  
20. and dew point temperatures and relative humidity); and (F) Pressure  
Summary (means, standard, deviations, and observation counts of  
station pressure and sea-level pressure). Data in this report are  
presented in tabular form, in most cases in percentage frequency of  
occurrence or cumulative percentage frequency of occurring tables.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

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

### DAILY OBSERVATIONS

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

### DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS  
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

### 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 \_\_\_\_\_

STATION NO OR CALL SIGN 12826	STATION NAME HOMESTEAD AFB FLORIDA	LATITUDE N 25 29	LONGITUDE W080 23	FIELD ELEV (FT) 7	CALL SIGN HST	WMO NUMBER
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### 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	Homestead AAF Florida	AAF	Feb 43	Sep 44	N 25 29	W 080 23	7	9 ft	24
2	Same	Same	May 45	Nov 45	Same	Same	Same	Same	24
3	Homestead AFB Florida	AFB	Jun 56	Feb 63	Same	Same	Same	10 ft	24
4	Same	Same	Mar 63	Dec 70	Same	Same	Same	10.5 ft	24
5	Same	Same	Jan 71	May 81	Same	Same	Same	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	Feb 43	Located on center of S leanto of S hangar	Anemometer	None	54 ft	
2	Jun 56	Located 1800 ft SSE of weather station and 800 ft N of long rnwy.	AN/GMO-11	RO-2	17 ft	
3	Jul 57	Located 200 yards S of station, next to rnwy	Same	Same	10 ft	
4	Mar 58	Located 1800 ft SSE of weather station and 800 ft N of long rnwy.	Same	Same	17 ft	
5	Mar 61	Located 1800 ft SE of weather station, 800 ft NW of centerline of rnwy and 3000 ft from end of rnwy 05.	Same	Same	Same	



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
6	Mar 62	Located 1800 ft SE of weather station, 800 ft NW of centerline of runway and 4000 ft from end of runway 05.	Same	Same	Same	
7	Mar 63	Located 3000 ft SW of weather observation bldg on runway 05/23, 500 ft NW of centerline.	Same	Same	Same	
8	Oct 66	1. Runway 05; 500 ft NW of centerline & 1500 ft NE of end of runway. 2. Runway 23; 500 ft NW of centerline & 1500 ft SW of end of runway.	Same	Same	15 ft	
9	Mar 68	1. Located 800 ft NW of runway centerline, 3000 ft NE of runway 05. 2. Located 500 ft NW of runway centerline, 1500 ft SW of runway 23.	Same	Same	13 ft	
10	Mar 69	1. Same 2. Same	AN/GMQ-11/20	Same	15 ft	
11	Mar 70	1. Same 2. Same	Same	RO-362	Same	
12	Feb 72	1. 500 ft NW of runway, centerline, 800 ft down runway 05. 2. 500 ft NW of runway centerline, 1200 ft down runway 23.	T755	RO-362	13 ft	(1) Wind transmitters are 13 feet above surface of runway. (2) Nomenclature for system is AN/GMQ -20.

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.

FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AND WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

1-326 STATION HOMESTEAD AFB FL STATION NAME 69-70, 73-80 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	.1	2.3				2.3	5.0	1.7			7.2	430
	03-05		2.7				2.7	9.9	2.9			11.7	437
	06-08		4.0				4.0	17.2	11.5			24.2	435
	09-11	.2	4.1				4.0	9.2	16.9			25.6	437
	12-14	.4	3.3				3.3	1.9	3.8			1.3	437
	15-17	.1	3.1				3.1	1.9	4.6			6.1	437
	18-20	.3	2.5				2.5	1.1	3.2			4.1	437
	21-23	.1	2.5				2.5	1.6	2.7			4.2	437
TOTALS		.2	3.1				3.1	6.1	6.5			11.3	7440

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USAFETAC  
ALC WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION WHESTEAD AFB FL STATION NAME W-7, 72-8 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.
	01-02	.2	4.0				4.0	3.2	3.7			3.5	146
	03-05		3.7				3.9	13.0	4.4			13.9	146
	06-08	.2	4.7				4.0	20.0	16.5			21.7	146
	09-11	.1	5.2				5.3	7.4	21.2		.4	27.0	146
	12-14	.2	5.1				5.1	2.7	7.2		.6	10.5	146
	15-17	.2	5.6				5.6	3.3	3.4		.1	6.7	146
	18-20	.4	5.6				5.6	4.1	3.4			7.4	146
	21-23		4.6				4.6	3.8	2.6			6.3	146
TOTALS		.2	4.0				4.0	7.1	7.8		.1	13.5	678

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USAFETAC  
AFW WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

17-26 STATION HOMESTEAD AFB FL STATION NAME 69-7, 73-87 YEARS MA 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		2.4				2.4	4.7	3.8			8.1	937
	03-05	.1	2.6				2.0	9.1	5.4			12.6	937
	06-08	.3	1.7				1.7	14.0	14.0			22.3	937
	09-11	.2	2.0				2.0	3.0	14.5			16.1	937
	12-14	.1	2.4				2.4	1.0	7.0		.1	8.5	937
	15-17	.1	1.8				1.0	1.0	4.2		.2	5.1	937
	18-20	.2	2.0				2.0	1.6	3.5			3.2	937
	21-23	.2	1.5				1.0	1.6	2.8			4.4	937
TOTALS		.2	2.1				2.1	4.6	7.0		.0	10.3	7440

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1

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

1 24 STATION HOMESTEAD AFB, FL STATION NAME 69-72,73-80 YEARS AP- MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.2	1.7				1.7	2.2	3.1			4.9	900
	03-05	.3	2.2				2.2	3.8	4.7			8.0	900
	06-08	.3	2.6				2.6	10.3	17.3			23.6	900
	09-11	.3	2.6				2.6	1.8	14.0			14.3	900
	12-14	.9	3.9				3.9	.3	8.2			8.6	900
	15-17	1.6	3.7				3.7	1.0	5.7			6.6	900
	18-20	.9	2.7				2.7	1.2	4.1			5.1	900
	21-23	.4	2.2				2.2	1.1	1.9			3.0	900
TOTALS		.6	2.7				2.7	2.7	7.4			9.4	7200

GLOBAL CLIMATOLOGY BRANCH  
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 ATC WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

STATION HOMESTEAD AFB FL STATION NAME 69-73-8 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	0-22	1.7	3.8				3.8	1.3	3.3			4.2	930
	03-05	1.4	2.9				2.9	3.3	3.9			6.2	930
	06-08	1.0	4.0				4.0	7.1	14.4			13.3	930
	09-11	1.6	4.4				4.4	1.6	12.5			13.8	930
	12-14	5.3	6.8				6.8	.9	10.1			11.0	930
	15-17	5.7	7.5			.1	7.5	.6	5.4			6.9	930
	18-20	3.8	6.8				6.8	1.2	4.8			5.8	930
	21-23	2.2	4.8				4.8	1.1	3.1			4.2	930
TOTALS		2.9	5.1			.1	5.1	2.1	7.2			6.7	7440



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**WEATHER CONDITIONS**

1 328 STATION HOVEMSTEAD AFB FL STATION NAME 69-70,73-80 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	1.1	4.7				4.7	.7	2.7			3.2	900
	03-05	1.0	4.2				4.2	.9	3.0			3.9	900
	06-08	1.3	4.4				4.4	1.2	7.7			8.4	900
	09-11	3.6	7.0				7.0	.1	8.7			8.8	900
	12-14	10.4	11.0				11.0	.6	7.1			7.8	900
	15-17	9.9	11.2				11.2	.1	5.3			5.4	900
	18-20	4.7	7.1				7.1	.3	4.0			4.3	900
	21-23	1.3	5.2				5.2	.4	2.7			3.1	900
TOTALS		4.2	6.9				6.9	.6	5.2			5.6	7200

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

GLOBAL CLIMATOLOGY BRANCH  
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**WEATHER CONDITIONS**

1 126 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-81 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	3.1	3.7				3.7	.1	.9			1.0	930
	03-05	3.0	2.7				2.7	.2	1.4			1.6	930
	06-08	2.9	3.8				3.8	1.0	6.7			7.4	930
	09-11	4.0	4.8				4.8		7.2			7.2	930
	12-14	9.0	8.7				8.7		4.0			4.0	930
	15-17	8.6	7.5				7.5		2.4			2.4	930
	18-20	5.2	4.6				4.6	.1	1.7			1.8	930
	21-23	3.1	4.5				4.5		1.4			1.4	930
TOTALS		4.9	5.0				5.0	.2	3.3			3.5	7440

2

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**WEATHER CONDITIONS**

1980 STATION HOMESTEAD AFB FL STATION NAME 69-70.73-80 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	2.4	2.6				2.6	.2	.6			.8	930
	03-05	2.3	4.5				4.5	.4	1.2			1.6	930
	06-08	2.9	5.4				5.4	2.7	4.7			6.7	930
	09-11	3.4	6.5				6.5	.4	7.2			7.3	930
	12-14	9.2	7.4				7.4	.2	5.2			5.3	930
	15-17	7.5	8.1				8.1	.3	3.4			3.8	930
	18-20	4.7	4.9				4.9		2.8			2.8	930
	21-23	5.0	3.0				3.0		1.4			1.4	930
TOTALS		4.4	5.2				5.2	.5	3.3			3.7	7440

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

1973 STATION HOMESTEAD AFB FL 69-73-80 YEARS SEC  
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	2.3	5.0				5.0		1.3			1.3	900
	03-05	2.1	5.1				5.1	.3	1.8			2.0	900
	06-08	2.3	5.8				5.3	2.2	4.6			5.1	900
	09-11	2.8	5.4				5.4		4.7			4.7	900
	12-14	7.3	8.0				8.0	.2	3.2			3.9	900
	15-17	8.1	9.6				9.6	.1	2.4			2.6	900
	18-20	4.9	6.9				6.9		2.6			2.6	900
	21-23	2.3	5.3				5.3	.1	2.0			2.0	900
TOTALS		4.0	6.4				6.4	.4	2.9			3.2	7200

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

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

10-26 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-80 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	1.0	5.2				5.2	2.9	1.7			4.2	930
	03-05	.6	5.7				5.7	3.2	4.2			8.9	930
	06-08	.4	4.5				4.5	11.9	13.8			21.3	930
	09-11	.3	4.7				4.7	2.5	14.3			16.2	930
	12-14	.5	5.4				5.4	1.1	8.4			9.5	930
	15-17	2.3	7.0				7.0	1.2	5.4			6.2	930
	18-20	.8	7.0				7.0	1.2	4.5			5.5	930
	21-23	.5	4.5				4.5	2.0	2.5			4.3	930
TOTALS		.8	5.5				5.5	3.5	6.9			9.5	7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

1929 STATION HOMESTEAD AFB FL 62-70, 73-80 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	00-12		2.4				2.4	4.1	2.2			5.9	900
	03-05	.2	2.4				2.4	9.9	2.8			11.8	900
	06-08	.2	3.0				3.0	16.3	13.3			25.7	900
	09-11	.2	2.0				2.0	4.2	15.6			16.4	900
	12-14	.1	3.1				3.1	.6	7.3			7.9	900
	15-17		3.1				3.1	.4	3.0			3.4	900
	18-20	.2	3.5			.1	3.5	.4	3.0			3.5	897
	21-23	.6	4.0				4.0	.6	2.9			3.5	897
TOTALS		.2	2.9			.1	2.9	4.6	6.3			10.0	7194

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SIGNAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

1-2a STATION HOMESTEAD AFB FL STATION NAME 68-70,73-79 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	00-22	.1	2.3				2.3	3.4	1.4			4.8	930
	03-05	.3	2.3				2.3	9.0	2.5			10.5	930
	06-08	.1	2.0				2.0	16.0	12.7			23.7	930
	09-11		1.4				1.4	5.1	15.4		.1	13.8	930
	12-14	.3	2.4				2.4	.9	5.9			6.7	930
	15-17	.6	3.5				3.5	1.1	2.8			3.5	930
	18-20	.2	1.8				1.8	1.2	3.7			4.3	928
	21-23	.1	1.6				1.6	1.8	3.8			4.9	927
TOTALS		.2	2.2				2.2	4.8	6.1		.0	9.7	7435

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFS WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

1-20 STATION HOMESTEAD AFB FL STATION NAME 68-72, 73-81 YEARS ALL 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	3.1				3.1	6.1	6.5			11.3	7440
FEB		.2	4.8				4.8	7.1	7.8		.1	13.6	6768
MAR		.2	2.1				2.1	4.6	7.1		.0	10.3	7440
APR		.6	2.7				2.7	2.7	7.4			9.4	7200
MAY		2.9	5.1			.0	5.1	2.1	7.2			8.7	7440
JUN		4.2	6.9				6.9	.6	5.2			5.6	7200
JUL		4.9	5.0				5.0	.2	3.3			3.5	7440
AUG		4.4	5.2				5.2	.5	3.3			3.7	7440
SEP		4.0	6.4				6.4	.4	2.9			3.2	7200
OCT		.8	5.5				5.5	3.5	6.9			9.5	7440
NOV		.2	2.9			.0	2.9	4.6	6.3			10.0	7194
DEC		.2	2.2				2.2	4.8	6.1		.0	9.7	7435
TOTALS		1.9	4.3			.0	4.3	3.1	5.8		.0	8.2	87637



## 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.



## PART B                   PRECIPITATION, SNOWFALL & SNOW DEPTH

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

B

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

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

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

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

Continued on Reverse Side

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

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST  
 Jan 46-May 57 at 1230GMT  
 Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT  
 Jul 52-May 57 at 1230GMT  
 Jun 57-present at 1200GMT

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# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 PRECIPITATION  
 (FROM DAILY OBSERVATIONS)

12326 HOMESTEAD AFB FL STATION NAME

43-45, 56-80 YEARS

PERIOD	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-94	95-100	OVER 100	MEAN			GREATEST	LEAST	
JAN	63.7	14.2	2.3	5.7	3.4	5.2	2.3	1.7	1.4	.1					22.1	775	1.94	7.8	.11	
FEB	65.6	13.9	1.8	4.4	2.3	4.6	2.6	3.4	1.5						21.5	735	1.96	5.77	TRACE	
MAR	69.7	13.1	1.4	4.4	2.5	2.6	2.8	1.5	1.9			.1			17.2	796	2.12	11.43	.17	
APR	71.4	13.7	1.4	2.6	1.7	2.9	1.7	2.1	2.3	.1	.1				14.9	780	2.28	8.29	.09	
MAY	49.6	17.2	1.8	5.3	3.6	6.9	4.8	4.3	5.7	1.3	.5				34.2	837	7.11	23.32	.08	
JUN	34.9	14.8	2.8	7.7	4.7	8.8	8.4	7.7	7.4	2.7	.1				57.4	826	9.68	27.65	2.28	
JUL	33.1	18.0	2.4	7.8	5.3	10.6	9.8	6.0	6.3	.7					48.9	837	6.89	13.71	1.65	
AUG	31.7	16.9	3.6	9.6	6.0	11.9	8.1	6.3	6.0	.7					52.1	868	6.57	13.65	1.89	
SEP	26.2	15.3	4.6	11.3	5.7	10.1	10.7	9.6	5.1	1.2	.2				58.5	824	8.24	23.53	2.24	
OCT	43.9	14.4	3.3	5.6	5.3	8.1	6.6	6.2	5.0	1.4	.2				41.7	806	7.14	14.27	.52	
NOV	57.8	18.1	3.3	5.4	4.1	3.3	3.3	2.9	1.2	.5					24.1	780	2.39	8.54	.17	
DEC	63.6	16.1	3.0	6.3	2.6	3.2	2.8	1.0	1.2	.1					20.3	775	1.56	3.75	.15	
ANNUAL	50.2	15.5	2.6	6.3	3.9	6.5	5.3	4.4	3.7	.7	.1				33.7	9639	57.88			

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### EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

1-1953  
 STATION

WHESTEAD AFB FL  
 STATION NAME

43-45, 56-2

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		.45	.63	.10	1.96	4.17	3.61	2.13	1.21	4.31	3.22	.19	
44	.92	.13	.10	.14	1.74	1.51	2.15	.82	1.32				
45					.63	1.24		1.06	2.17				
46					1.77	2.54	1.54	2.86	1.64	.44	.45		
47	.33	2.40	.44	1.76	.81	4.39	2.19	3.00	1.82	1.70	.61	2.73	4.79
48	2.11	.79	1.74	.23	2.30	1.74	1.82	.82	.97	2.21	.66	1.06	3.25
49	.17	.31	1.31	.33	2.42	3.23	1.91	2.12	2.76	4.23	2.64	.71	4.27
50	.01	.41	.32	1.62	6.13	1.61	1.46	1.64	2.60	3.51	.72	.33	3.62
51	4.44	.25	.58	.22	3.07	2.33	.63	.72	.85	2.28	.35	.12	4.44
52	.33	.35	7.23	.67	1.42	4.22	1.42	1.29	1.92	.15	3.92	.33	7.33
53	.39	2.26	.32	.26	2.89	3.72	.87	1.03	3.23	1.87	.60	1.91	3.72
54	.21	.31	.24	1.28	.55	2.66	2.22	2.57	1.49	2.13	1.21	1.65	3.88
55	.20	.98	.43	.31	.23	3.16	1.23	.63	3.33	3.74	.75	.09	3.77
56	1.32	.62	2.22	1.52	1.01	3.31	1.72	1.25	1.80	2.87	.84	.33	3.61
57	.92	.62	1.27	.24	.53	3.30	1.75	1.14	2.02	6.21	.89	.85	3.21
58	.87	.75	.32	1.33	6.24	2.73	.97	1.31	4.25	5.05	.62	.17	3.00
59	1.17	1.35	2.13	2.13	2.73	3.16	1.85	1.4	2.93	3.32	.42	.07	3.22
60	.23	.31	1.43	.13	2.11	6.03	1.46	1.54	.8	1.59	.23	.14	3.07
61	.39	.84	.23	.23	1.23	1.37	1.68	1.45	1.83	1.47	2.31	1.44	3.1
62	.33	1.22	1.22	2.33	2.74	2.33	2.21	1.77	1.65	1.42	1.50	.74	2.74
63	1.24	.70	.89	.13	1.33	1.44	1.23	1.46	.95	.95	.29	2.20	2.00
64	1.24	TRACE	.92	1.11	1.23	1.23	3.11	.64	1.84	.72	4.20	.13	4.20
65	.49	1.32	.13	.14	2.55	2.92	2.70	1.82	.93	.49	.33	1.63	2.92
66	.24	1.23	.16	1.92	4.12	2.18	1.90	3.65	2.13	1.26	1.89	.33	4.12
67	.63	1.30	1.03	.44	3.13	1.92	2.22	2.64	2.41	2.13	2.16	.43	6.13
68	1.41	1.93	1.62	1.22	2.71	3.51	.37	2.38	.82	1.97	.95	1.17	3.51
69	.24	.53	.24	3.30	2.77	1.16	1.92	1.47	4.52	.3	.41	2.41	5.26
70	2.33	.67	1.27	1.43	.93	2.95	1.47	3.36	2.95	2.69	3.29		
MEAN	.223	.227	1.17	1.17	2.563	2.728	1.867	1.705	2.451	2.316	1.253	.404	4.568
S. D.	.844	.632	1.45	1.273	2.333	1.194	.726	.357	2.317	1.404	1.122	.324	1.923
TOTAL OBS.	715	725	736	737	637	326	837	863	824	316	733	772	9673

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)  
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 NATIONAL CLIMATOLOGY SERVICE  
 WASHINGTON, D.C. 20541  
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**EXTREME VALUES**  
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION NAME: WHESTEAD AFB FL YEARS: 43-45, 50-8

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43		.07	1.97	.12	4.45	7.98	12.88	11.42	7.09	12.92	3.42	.40	
44	1.96	.13	.25	.15	2.53	2.76	11.88	1.51	4.65				
45					.82	3.40		1.47	4.58				
50						2.28	3.81	2.72	3.24	5.49	.82	.61	
57	.39	5.77	.35	2.58	2.55	2.79	8.23	11.45	4.63	5.51	.45	7.08	58.45
58	6.59	1.4	5.21	.53	15.64	5.35	7.72	11.20	2.97	6.19	2.61	3.22	61.97
59	.53	.85	4.67	.78	11.69	12.65	17.75	4.51	3.24	13.12	1.54	1.21	77.39
67	.11	1.16	.49	7.28	12.48	7.34	6.19	2.48	23.53	14.2	1.77	.21	13.69
68	7.02	.84	1.71	.85	2.51	5.37	1.55	1.85	2.24	3.49	.65	.15	34.28
69	1.43	1.21	11.43	1.48	2.35	13.36	6.22	4.54	4.11	2.52	4.46	.42	55.94
63	.75	4.83	.43	.42	5.97	11.7	2.21	7.60	11.44	5.36	1.52	2.41	56.13
64	.33	1.95	.51	5.59	1.83	9.30	7.82	5.11	1.27	8.12	1.69	5.11	54.58
65	.44	2.57	.67	.33	.03	7.34	3.84	7.33	14.14	14.27	1.87	.19	47.94
66	4.11	1.23	4.49	2.36	6.24	19.24	2.85	5.19	7.01	7.35	1.44	1.73	65.23
67	1.91	1.34	2.27	.14	1.29	17.15	5.37	5.79	6.57	11.69	1.16	1.09	45.47
68	1.77	2.39	.2	1.72	23.32	18.86	3.89	2.49	12.41	13.77	1.59	.71	47.57
69	3.99	1.87	3.28	4.46	7.32	20.65	6.65	5.71	12.13	12.90	.90	1.19	45.74
70	2.27	1.75	2.35	.23	2.70	13.11	5.17	4.58	5.48	7.75	.37	.3	51.60
71	.47	1.98	.17	.05	3.91	7.11	7.02	6.54	8.64	5.31	4.60	3.46	49.23
72	.75	1.93	4.35	5.35	7.83	7.32	8.73	6.53	7.40	5.51	3.19	1.31	61.01
73	1.64	2.74	1.52	.33	3.35	6.15	7.11	10.79	5.7	3.6	.65	2.73	43.22
74	1.54	TRACED	.49	2.94	7.12	6.11	13.71	2.78	5.66	2.71	5.11	.27	47.74
75	.52	2.22	.12	.16	5.98	10.13	10.93	8.24	5.12	2.99	.77	1.57	47.14
76	.47	3.93	.27	2.89	12.30	7.58	5.77	11.75	9.65	2.47	2.82	1.31	61.11
77	1.48	1.54	1.73	1.13	13.28	5.97	6.43	2.65	8.91	2.49	2.74	1.14	55.53
78	3.99	5.51	2.31	2.91	6.98	9.18	4.36	4.63	3.33	2.27	1.89	3.21	61.57
79	1.14	1.90	.37	2.29	7.48	3.96	4.59	4.54	10.91	3.83	.99	2.74	49.54
80	2.93	1.45	1.79	2.71	3.15	14.57	7.45	6.35	9.91	6.02	7.19		
MEAN	1.744	1.955	2.121	2.279	7.116	9.675	6.892	6.571	6.244	7.140	2.393	1.563	58.949
S.D.	1.635	1.472	2.502	2.533	5.258	4.962	2.982	3.331	4.267	4.227	2.779	1.267	13.217
TOTAL OBS.	77	735	726	753	837	826	837	360	824	86	76	775	6639

NOT \* (BASED ON LESS THAN FULL MONTHS)

2 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF  
 SNOWFALL  
 (FROM DAILY OBSERVATIONS)

12826 STATION HOMESTEAD AFB FL STATION NAME 43-45, 56-80 YEARS

PRECIP	NONE	TRACE	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)			
			01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504			MEAN	GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	100.0														744	.0	.0	.0	
FEB	100.0														678	.0	.0	.0	
MAR	100.0														744	.0	.0	.0	
APR	100.0														720	.0	.0	.0	
MAY	100.0														744	.0	.0	.0	
JUN	100.0														746	.0	.0	.0	
JUL	100.0														775	.0	.0	.0	
AUG	100.0														775	.0	.0	.0	
SEP	100.0														750	.0	.0	.0	
OCT	100.0														775	.0	.0	.0	
NOV	100.0														750	.0	.0	.0	
DEC	100.0														744	.0	.0	.0	
ANNUAL	100.0														8945	.0			



GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

SNOWFALL

(FROM DAILY OBSERVATIONS)

1270 STATION HOMESTEAD AFB FL 43-45, 56-81 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43													
44													
45													
56						*							
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
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.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	744	673	744	720	744	746	775	775	750	775	750	744	8945

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13226 HOMESTEAD AFB FL 43-45, 56-80  
 STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43													
44													
45													
56						*	.0	.0	.0	.0	.0	.0	
57	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.1	.0	.1	.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	744	678	744	720	744	746	775	775	750	775	750	744	8945

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)  
 JUL 80

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

10226 STATION HOMESTEAD AFB FL STATION NAME 43-45, 56-80 YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	101 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00	OVER 50 4			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4						
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120						
JAN	100.0																	744	
FEB	100.0																	679	
MAR	100.0																	744	
APR	100.0																	720	
MAY	100.0																	744	
JUN	100.0																	746	
JUL	100.0																	775	
AUG	100.0																	775	
SEP	100.0																	750	
OCT	100.0																	775	
NOV	100.0																	750	
DEC	100.0																	744	
ANNUAL	100.0																	8945	

U.S. AIR FORCE  
 U.S. AIR FORCE CLIMATE BRANCH  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE/MAC

### EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1-25 STATION HEMSTEAD AFB FL STATION NAME 43-45, 56-8 YEARS

#### DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43		0	0	0	0	0	0	0	0	0	0	0	
44		1*	0	0	0	0	0	0	0	0	0	0	
45													
56													
57		0	0	0	0	0	0	0	0	0	0	0	
58		0	0	0	0	0	0	0	0	0	0	0	
59		0	0	0	0	0	0	0	0	0	0	0	
60		0	0	0	0	0	0	0	0	0	0	0	
61		0	0	0	0	0	0	0	0	0	0	0	
62		0	0	0	0	0	0	0	0	0	0	0	
63		0	0	0	0	0	0	0	0	0	0	0	
64		0	0	0	0	0	0	0	0	0	0	0	
65		0	0	0	0	0	0	0	0	0	0	0	
66		0	0	0	0	0	0	0	0	0	0	0	
67		0	0	0	0	0	0	0	0	0	0	0	
68		0	0	0	0	0	0	0	0	0	0	0	
69		0	0	0	0	0	0	0	0	0	0	0	
70		0	0	0	0	0	0	0	0	0	0	0	
71		0	0	0	0	0	0	0	0	0	0	0	
72		0	0	0	0	0	0	0	0	0	0	0	
73		0	0	0	0	0	0	0	0	0	0	0	
74		0	0	0	0	0	0	0	0	0	0	0	
75		0	0	0	0	0	0	0	0	0	0	0	
76		0	0	0	0	0	0	0	0	0	0	0	
77		0	0	0	0	0	0	0	0	0	0	0	
78		0	0	0	0	0	0	0	0	0	0	0	
79		0	0	0	0	0	0	0	0	0	0	0	
80		0	0	0	0	0	0	0	0	0	0	0	
MEAN													
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	779	739	796	790	837	836	837	868	837	837	785	775	9698

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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

PART C

SURFACE WINDS

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

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

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

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

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

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

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

FEDERAL BUREAU OF SURVEY  
 NATIONAL METEOROLOGICAL SERVICE/MAO

### EXTREME VALUES

SURFACE WIND

(FROM DAILY OBSERVATIONS)

STATION: WESTMEAD AFB FL STATION NAME

PERIOD: 50-52 YEARS

#### DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
MEAN	32.6	32.6	34.1	32.5	32.9	32.4	32.7	29.6	28.0	32.7	29.7	29.6	47.4
S.D.	7.034	4.007	5.030	6.422	7.969	7.625	5.727	3.597	21.355	5.632	5.699	4.459	11.147
TOTAL OBS.	691	659	734	690	730	715	739	753	728	761	730	727	6672

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

1 (BASED ON LESS THAN FULL MONTHS AND +10% KNOTS)

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 10000 HOMESTEAD AFB FL STATION NAME: 69-70,73-5 YEARS: JA  
 CLASS: ALL WEATHER MONTH: 000-0000  
 CONDITION: \_\_\_\_\_ HOURS (L.S.T.): \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	5.7	2.1	1.3								14.5	6.2
NNE	.0	.3	.2									1.5	3.9
NE	.1	.3	.3									.8	6.1
ENE	.9	1.3	1.8	.9								4.8	7.2
E	2.2	4.7	4.4	.2								11.5	5.9
ESE	.3	4.4	2.4	.3								7.8	5.5
SE	.3	1.0	1.7	.2								4.7	6.1
SSE	1.2	1.2	.9	.3								3.5	5.5
S	.0	.6	.6	.2								2.2	5.9
SSW	.4	.6	.5	.1								1.7	6.2
SW	.4				.1							.5	7.6
WSW	.4	.3	.1									.9	3.4
W	1.0	.6	.1									1.7	3.6
WNW	.3	1.3	.3									2.9	4.6
NW	1.1	1.7	.4	.1								3.3	4.7
NNW	1.3	3.4	2.2	1.1	.5							9.4	6.9
VARBL													
CALM												28.2	
	10.5	29.9	21.1	4.7	.6							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 530

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 11023 HOMESTEAD AFB FL STATION NAME 69-70,77-20 YEARS JAN MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 300-0600  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	6.5	5.1	2.2								18.3	4.1
NNE	.2	.6										1.4	3.6
NE	.2	.3	.3									.7	3.3
ENE	1.0	1.7	1.5	.3								4.7	6.3
E	1.7	3.5	2.7	.2								7.7	5.9
ESE	1.7	3.7	1.7	.2	.1							7.4	5.7
SE	1.1	2.3	1.2	.3								5.4	5.5
SSE	.2	1.2	1.1	.4								2.9	6.8
S	1.7	1.3	1.1	.1								3.4	5.6
SSW	.2	.6	.3	.2								1.4	6.8
SW	.3		.1									.4	3.5
WSW	.2	.2	.2									.6	3.3
W	.5			.1								.6	3.7
WNW	1.0	1.4	.3									2.7	4.2
NW	1.5	1.3	.3	.1								3.2	4.2
NNW	2.9	4.1	3.7	1.4								12.5	6.2
VARBL													
CALM												26.8	
	14.5	29.5	19.6	5.6	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 977



REGAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1970 STATION HOMESTEAD AFB FL 60-70, 77-78 YEARS JA MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 1400-1900  
 CONDITION

SPEED (KNTS) DIR.	1 - 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	3.5	7.6	1.3								12.1	5.9
NNE	1.3	1.1	.2									2.6	3.3
NE	.2	.2	.3									1.3	4.2
ENE	1.7	1.4	1.1	.2								3.7	5.9
E	.9	3.4	2.4									6.7	5.7
ESE	.6	3.2	2.6	.3								6.6	5.5
SE	1.6	1.3	2.3	.2								5.2	5.9
SSE	.6	1.3	1.1	.2								3.3	5.1
S	.4	.3	.5	.3								2.4	5.9
SSW	.4	.3	.4	.4								2.0	5.7
SW	.4	.2	.1	.1								.9	5.3
WSW	.1	.4	.1									.6	5.0
W	.3	.1	.1	.1								.6	5.5
WNW	.3	.5	.2	.1	.1							1.3	7.1
NW	.3	1.5	.2									2.9	5.2
NNW	1.5	3.2	3.0	1.0	.1							10.3	5.1
VARBL													
CALM												76.5	
	17.5	28.4	22.7	4.3	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 530

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13-00 HOMESTEAD AFB FL STATION NAME 60-70, 73-80 YEARS JAN  
 CLASS ALL WEATHER MONTH 900-11  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	6.1	1.5	5.8								34.2	5.2
NNE	2.2	2.2	2.2	.2								5.7	2.5
NE	.5	1.7	.8	.5								3.0	6.1
ENE	.5	.9	1.1	.9								3.4	7.7
E	.5	3.7	6.3	2.8								12.7	3.6
ESE	.3	1.6	4.2	1.5	.1							7.7	3.6
SE	.7	1.4	2.9	2.4	.7							7.2	4.3
SSE	.5	1.1	3.2	.9								5.7	3.4
S	.8	1.2	1.5	1.3	.1							4.5	7.9
SSW	.3	1.1	.9	1.3	.1							3.7	9.3
SW	.2	.3	.9	.1	.1							1.6	7.6
WSW	.7	.4		.8	.1							1.6	9.1
W	.1	.2	.4	.1								1.2	6.8
WNW	.1		.8	.3	.1							1.3	9.7
NW		.2	.4	.3								1.3	7.5
NNW	1.2	2.2	2.7	2.0	.3							4.4	3.0
VARBL													
CALM												5.5	
	12.0	23.4	38.7	21.2	1.2							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

SPECIAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

STATION 11025 DOMESTAD AFB FL STATION NAME 69-71,73-2- YEARS JAN  
 CLASS ALL WEATHER MONTH 12.0-1400  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.0	4.0	3.8								10.2	7.5
NNE	.6	1.0	1.3	.8								3.7	7.9
NE	.2	.8	1.5	1.0	.4							3.8	10.1
ENE	.4	1.3	3.7	3.8	.7							9.4	9.9
E	.2	3.4	7.5	5.6	.1							16.9	9.3
ESE	.4	1.4	5.1	3.2								10.1	9.2
SE	.5	.5	3.9	1.8	.3							7.1	9.4
SSE	.5	.6	3.7	1.9	.1							6.9	9.4
S	.2	.9	2.6	2.0	.7							5.9	9.9
SSW	.3	.6	1.4	1.8	.1							4.3	10.2
SW		.8	1.1	1.1	.3							3.1	10.4
WSW		.2	.5	.5	.1							1.5	10.2
W	.4	.6	.6	.5	.2							2.5	0.5
WNW	.2	.3	.8	1.0	.3							2.6	11.2
NW	.1	.4	1.4	.9								2.8	6.2
NNW	.4	1.8	3.5	2.0	.1							8.0	0.9
VARBL													
CALM												1.4	
	5.4	15.6	43.3	31.7	2.6							100.2	9.3

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1426 HOMESTEAD AFB FL STATION NAME 67-70,77-84 YEARS JA MONTH  
 CLASS ALL WEATHER 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	1.3	4.5	2.9								7.2	3.2
NNE	.4	.4	.6	.2								1.7	0.8
NE	.1	.5	1.4	3.7	.7							5.4	11.2
ENE	.7	1.3	5.2	2.8								9.6	9.2
E	1.3	4.5	12.3	2.7								20.8	8.1
ESE	.8	4.7	4.6	.3	.1							10.1	7.0
SE	.2	1.4	3.9	1.2								7.2	7.5
SSE	.5	.5	2.8	1.2								5.1	6.5
S	.6	.3	2.7	1.5								5.6	6.6
SSW	.3	1.4	1.4	1.1								4.2	6.2
SW		.6	1.6	.5	.7							3.1	10.1
WSW		.1	.0	.9		.1						1.9	11.2
W		.4	1.4	1.5	.1	.2						3.7	11.2
WNW	.1	.3	.6	.6	.2							1.9	10.7
NW	.3	1.5	1.1	.9								3.8	7.8
NNW	.1	1.5	2.3	2.2								6.1	3.9
VARBL													
CALM												.6	
	6.0	21.3	47.2	23.4	1.1	.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 93

SIGNAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

10820 STATION HOMESTEAD AFB FL STATION NAME 62-70,77-20 YEARS JAN MONTH  
 CLASS ALL WEATHER 1900-2000 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	1.5	5.4	3.3	1.2								11.4	6.6
NNE	.3	1.7	1.2	.2								3.4	6.6
NE	.9	.9	1.5	.8								4.0	7.1
ENE	0.9	3.9	3.0	.8								10.6	6.0
E	5.9	5.9	4.3	.2								16.3	4.9
ESE	3.2	2.9	.9	.1								7.1	4.0
SE	2.2	2.2	.1	.1								4.3	3.9
SSE	2.4	1.1	.4	.3								4.2	4.3
S	1.5	1.4	1.0	.2								4.1	5.1
SSW	1.1	1.1	.2									2.4	3.8
SW	.2	1.1	.3	.1								1.7	6.1
WSW	1.5	.5	.4									2.5	3.7
W	1.2	1.9	1.4	.3								4.8	3.2
WNW	.4	.5	1.3	.2	.1							2.5	7.5
NW	.6	.9	.8	.4								2.7	6.4
NNW	.3	2.6	1.4	.4								5.2	5.9
VARBL													
CALM												12.6	
	26.5	33.8	21.5	5.4	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 430

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 1226 HOMESTEAD AFB FL STATION NAME 69-70.73-81 YEARS JAN  
 CLASS ALL WEATHER MONTH 2120-2300  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	4.2	4.7	1.3								1.25	6.2
NNE	.8	1.4	.4	.1								.7	4.7
NE	.5	.9	.3	.2								.5	2.7
ENE	2.2	1.3	2.2	1.2								1.3	6.4
E	3.8	5.6	6.7	.5								12.9	2.8
ESE	1.5	2.1	1.7	.4								4.5	5.3
SE	.9	1.2	1.5									4.2	5.4
SSE	.5	.5	.4									1.2	4.9
S	.9	.5	.9	.3								2.7	6.5
SSW	.4	.2	.3	.1								1.1	5.2
SW	.5		.1									.9	3.2
WSW	.6	1.3										1.9	3.9
W	1.2	1.3	1.5									4.2	4.2
WNW	.9	.6	.8	.1								2.4	5.3
NW	.3	1.3	1.2	.2	.2							3.2	7.2
NNW	1.4	2.6	1.9	.9	.3							7.2	6.8
VARBL													
CALM												75.8	
	18.8	26.9	22.6	5.4	.5							124.5	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1-23 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS JAN MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.0	.7	2.5								15.4	7.1
NNE	.9	1.1	.8	.2								3.0	5.7
NE	.4	.6	.8	.7	.1							2.6	3.1
ENE	1.2	1.7	2.4	1.3	.1							6.7	7.5
E	2.7	4.3	5.7	1.5	.1							13.6	7.0
ESE	1.2	2.9	2.8	.8	.1							7.7	6.7
SE	1.7	1.7	2.2	.8	.1							5.7	7.2
SSE	.2	1.7	1.7	.7	.1							4.2	7.2
S	.5	.2	1.4	.8	.1							3.6	7.3
SSW	.4	.8	.7	.6	.1							2.6	7.7
SW	.3	.4	.5	.2	.1							1.5	3.1
WSW	.4	.5	.3	.3	.1	.1						1.5	6.7
W	.7	.7	.6	.3	.1	.1						2.4	6.6
WNW	.5	.7	.6	.3	.1							2.2	7.3
NW	.6	1.1	.8	.4	.1							2.9	6.4
NNW	1.4	2.8	2.6	1.4	.2							8.3	7.1
VARBL													
CALM												15.9	
	14.8	26.1	29.6	12.7	.8	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1420 HOMESTEAD AFB FL STATION NAME 60-70, 73-80 YEARS FEB  
 MONTH 0000-0000  
 HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	6.3	5.6	1.8								14.2	4.5
NNE	.5	.2	.6									1.7	5.3
NE	.4		.4	.1								.8	6.7
ENE	1.1	.5	.9	.6								3.1	6.6
E	.2	2.7	2.5	.6								6.6	6.6
ESE	1.4	1.9	1.9	.2								5.4	5.7
SE	.7	1.3	1.3	.4								4.1	6.7
SSE	.5	1.2	.5	.1								2.2	5.7
S	1.2	1.8	.1	.4								3.4	4.9
SSW	1.3	.2	.1									1.7	2.6
SW	.6	.6										1.2	3.2
WSW	.6	.5	.5		.1							1.7	6.4
W	1.4	1.3	.3									3.5	4.5
WNW	2.0	1.4	.7	.2								4.4	4.6
NW	1.7	1.9	1.9	.2								5.7	5.6
NNW	2.4	3.9	3.8	.4								10.4	5.8
VARBL													
CALM												27.7	
	19.0	26.2	22.0	5.0	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 646



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 11026 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS FEB MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.6	7.4	6.5	2.2	.1							22.9	6.4
NNE	.5	.4	.2									1.1	4.3
NE	.8	.1	.2	.4								1.5	5.5
ENE	.5	.2	.8	.5								2.0	7.9
E	1.1	1.8	1.7	.5								5.0	6.4
ESE	1.7	.9	1.5	.5								4.6	5.9
SE	1.2	1.7	1.2	.2								4.3	5.6
SSE	1.3	1.7	.9	.1								4.0	4.9
S	1.3	.9	.2	.2								2.7	4.9
SSW	.5	.6										1.1	3.1
SW	.2	.7		.4								1.3	6.5
WSW	.5	.8										1.3	5.6
W	.9	.2	.9	.4								2.5	6.3
WNW	.8	.6	.6	.1								2.1	5.5
NW	1.2	1.2	.8	.6								3.8	5.7
NNW	3.7	6.5	3.5	1.2	.1							15.0	5.9
VARBL													
CALM												26.8	
	20.7	25.8	19.3	7.2	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 12426 HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS FEB MONTH  
 CLASS ALL WEATHER 1600-0000 HOURS (L.S.T.)  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	9.8	7.4	2.4	.1							25.1	6.1
NNE	.3	1.2	.4									2.7	4.2
NE	.4	.4	.5									1.2	3.9
ENE	.2	.5	.4	.5								1.7	4.2
E	.5	1.7	1.3	.2								3.7	6.5
ESE	1.1	1.4	2.1	.5								5.1	6.7
SE	.9	2.1	.5									3.5	4.6
SSE	1.1	1.7	1.2									3.9	5.3
S	.7	1.3	.7	.4								3.1	5.6
SSW	.6	.2	.6	.1								1.8	4.7
SW	.2	.5	.1									.9	4.2
WSW	.6	.7	.2									1.5	4.6
W		.7	.1									1.1	5.4
WNW	.5	1.1	.7									2.2	5.3
NW	1.5	1.4	.7	.4								4.9	5.2
NNW	3.3	5.2	3.4	.9								12.9	5.3
VARBL													
CALM												25.4	
	18.0	30.9	20.3	5.3	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 546

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1-25 HOMESTEAD AFB FL STATION NAME 60-70,73-80 YEARS  
 CLASS ALL WEATHER MONTH FEB  
 HOURS (L.S.T.) 1900-1100  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	7.1	1.7	4.5	.5							23.8	8.1
NNE	1.4	2.6	2.4	.4								5.7	5.9
NE	.7	.9	.5	.4								2.5	5.8
ENE	.2	.4	.7	.9	.1							2.4	9.5
E	.0	2.4	5.1	2.2								10.3	8.4
ESE	.2	1.3	2.4	1.8								5.7	8.9
SE	.6	.7	1.9	1.2								4.4	5.4
SSE	.5	.3	3.4	1.2								5.9	5.7
S	.5	.7	3.5	1.8	.2							6.7	9.5
SSW	.5	1.2	.9	.7								3.3	7.4
SW	.6	.2	.5	.4								1.7	6.5
WSW	.1	.5	.6	.8								2.0	4.6
W	.2	1.2	.9	.2	.1							2.7	7.3
WNW	.1	.6	1.2	.2								2.1	7.7
NW	.8	.5	1.7	1.3	.1							4.4	8.5
NNW	1.7	2.1	3.8	2.8	.4							10.8	8.3
VARBL													
CALM												4.7	
	10.4	23.2	39.5	20.8	1.4							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 1125 HOMESTEAD AFB FL STATION NAME 69-70.73-81 YEARS FE  
 CLASS ALL WEATHER MONTH 1252-1476  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	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	5.3	3.0	.1							11.0	7.1
NNE	.5	1.4	2.5	.4								4.3	7.4
NE		.2	.9	1.7								3.1	10.6
ENE	.6	.9	3.3	2.2	.2							7.3	9.5
E	1.2	3.4	3.0	4.7	.1							17.5	6.5
ESE	.6	1.4	4.1	1.7								7.8	6.4
SE	.1	1.1	2.6	1.8								5.6	9.1
SSE	.2	.5	3.3	.9								4.6	9.0
S	.2	.4	3.0	2.0	.4							5.9	10.3
SSW	.2	.4	2.5	1.2	.6							4.4	11.0
SW	.1	.5	.9	1.2	.2							3.3	10.0
WSW	.1	.5	.5	1.2	.1							2.4	10.6
W	.4	.5	1.4	1.3	.1	.1						3.9	9.8
WNW	.5	.5	1.4	1.7	.5							4.5	9.9
NW	.2	.7	2.1	1.4	.1							4.6	9.3
NNW	.4	1.2	4.0	3.0								6.5	9.5
VARBL													
CALM												1.3	
	3.8	16.2	45.0	29.1	2.5	.1						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 046

GENERAL CLIMATOLOGY BRANCH  
 WAFB/TAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION HOMESTEAD AFB FL STATION NAME 69-70,73-01 YEARS 1969 MONTH 1500-1700  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	2.5	2.5	.4							4.1	9.2
NNE	.1	.5	1.3	.4								1.2	6.8
NE		.5	.9	2.4	.1							3.9	11.8
ENE	.1	1.7	4.5	2.1	.2							8.6	9.8
E	.8	6.6	8.5	3.2								19.1	7.6
ESE	.5	2.9	6.3	1.7								11.2	8.0
SE	.1	1.2	4.3	.6								6.1	8.2
SSE	.1	.3	2.1	.7								3.5	8.6
S	.1	.8	3.3	1.5								5.8	8.3
SSW		.7	2.8	1.3								4.8	9.7
SW	.1	.5	.6	1.1	.5							2.7	11.1
WSW	.1	.4	.6	.9	.4							2.4	11.1
W	.2	.2	2.4	1.8	.5							5.1	10.9
WNW	.1	.7	1.5	1.4	.2							4.0	10.2
NW	.5	.7	2.7	.9								4.8	8.1
NNW	.6	1.5	3.1	1.8								7.5	8.6
VARBL													
CALM												.2	
	4.0	21.5	47.8	24.2	2.2							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 346

SECIAL CLIMATOLOGY BRANCH  
 USAFLTAC  
 ALL-WEATHER SERVICE/MAC

### SURFACE WINDS

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

1-226 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS MONTH FEB  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	4.3	3.7	.7								1.0	3.5
NNE	1.2	1.3	1.3	.8								4.3	3.3
NE	1.9	1.3	1.3	.9								3.9	6.2
ENE	3.3	3.2	1.8	.6	.1							9.0	3.3
E	4.0	3.7	3.7	.6								11.9	3.4
ESE	2.4	3.1	.9	.4								6.7	4.5
SE	1.9	1.7	1.1									4.3	4.5
SSE	1.3	1.3	1.1									4.3	4.6
S	3.7	1.7	.7									5.1	3.9
SSW	1.7	2.6	.6	.1								4.4	4.4
SW	.1	.9	.2									1.3	5.1
WSW	.5	1.1	.8	.1								2.5	5.9
W	.7	2.4	4.1	1.1								8.2	7.6
WNW	.9	1.1	.9	.2								3.2	5.4
NW	.4	1.3	1.3	.2								3.7	5.2
NNW	1.1	2.7	.7	.2								4.0	5.3
VARBL													
CALM												10.0	
	25.5	34.2	24.1	6.0	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 11726 HOMESTEAD AFB FL STATION NAME 69-70,73-90 YEARS FEB MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 210-2300  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	0.0	5.4	1.7								14.3	6.9
NNE	.3	.4	.7									2.4	5.0
NE	.6	.5	.4	.4								1.9	5.9
ENE	1.4	1.4	1.4	1.1								5.3	6.6
E	2.6	3.7	2.4	.4								9.0	5.2
ESE	2.4	.5	1.4	.2								4.5	4.9
SE	1.1	1.4	.6	.4								3.4	5.5
SSE	1.8	1.3	.9									4.0	4.5
S	1.7	1.3	.2									3.2	3.7
SSW	.7	.2										.9	3.7
SW	1.9	.6										2.5	2.9
WSW	1.4	.7	.2									2.4	3.5
W	2.6	1.2	1.3									5.6	4.6
WNW	1.8	3.7	1.5									5.5	4.4
NW	.6	1.8	1.1	.2								3.7	5.9
NNW	1.3	2.4	1.7	.4								5.1	5.7
VARBL													
CALM												24.9	
	23.8	26.7	20.0	4.6								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

10-26 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS MONTH FEB  
 CLASS ALL WEATHER HOURS (L.S.T.) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	5.7	5.9	2.3	.1							18.2	7.1
NNE	.7	1.2	1.1	.2								3.3	6.1
NE	.6	.6	.6	.8	.2							2.6	7.8
ENE	.9	1.1	1.7	1.1	.1							4.9	7.7
E	1.4	3.2	4.1	1.6	.2							10.4	7.1
ESE	1.3	1.7	2.5	.9								6.4	6.9
SE	.3	1.4	1.7	.6								4.5	6.8
SSE	.2	1.2	1.7	.4								4.2	6.6
S	1.2	1.1	1.5	.8	.1							4.5	7.1
SSW	.7	.7	.9	.4	.1							2.8	7.1
SW	.5	.6	.3	.4	.1							1.9	7.0
WSW	.5	.6	.4	.4	.1							2.7	7.2
W	.8	1.1	1.6	.6	.1	.2						4.0	7.3
WNW	.9	1.1	1.1	.5	.1							3.6	6.8
NW	.9	1.2	1.5	.7	.2							4.3	6.9
NNW	1.3	3.1	3.0	1.3	.1							9.3	6.5
VARBL													
CALM												15.1	
	15.9	25.6	29.7	12.8	.8	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 6763



GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 1-25 HOMESTEAD AFB FL STATION NAME 69-73, 73-86 YEARS MAR MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.1	2.5	.1								6.2	5.7
NNE	.1	.1										.2	4.0
NE	.1	.5	.2		.1							1.6	5.7
ENE	.2	1.2	1.6	1.0	.2							4.8	6.5
E	2.8	4.2	5.1	3.0								15.1	7.2
ESE	3.4	4.2	5.3	.8								13.7	6.1
SE	1.2	1.5	3.1	.3								5.2	6.5
SSE	1.1	1.7	1.8	.5								5.2	6.4
S	1.6	.8	1.5	.2								4.1	5.6
SSW	1.5	.2	.3	.1								2.2	3.9
SW	1.1	1.2	.2									2.5	4.0
WSW	.1	.3	.2	.1								.8	6.7
W	.6	1.4	.4	.3								2.8	5.7
WNW	.6	1.1	.2									1.9	4.3
NW	1.2	1.5	1.1	.1								3.7	5.4
NNW	1.2	2.1	1.3	.4								4.9	6.0
VARBL													
CALM												24.3	
	12.3	24.7	24.8	7.0	.3							130.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1526 STATION HOMESTEAD AFB, FL STATION NAME 60-70, 73-80 YEARS MONTH MAF  
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	1.9	4.1	2.5	.5								2.9	2.7
NNE	.3	.5										1.2	4.0
NE	.1	.4	.1	.1								.8	6.4
ENE		1.5	1.4	.9	.1							3.9	6.6
E	1.7	3.7	4.0	1.5								10.1	7.4
ESE	3.1	5.1	3.5	1.2								12.9	5.9
SE	1.2	3.7	2.2	.4								7.4	6.8
SSE	1.9	2.3	1.6	.3								6.1	5.4
S	2.2	2.1	1.2	.5								6.9	5.5
SSW	1.8	.6		.2								2.7	3.7
SW	1.1	.6		.1								1.8	3.6
WSW	.2	.3										.5	2.8
W	.4	.4	.6	.1								1.6	5.9
WNW	1.2	.3	.1									1.6	2.9
NW	1.7	.6	.4	.2								2.3	4.7
NNW	1.7	3.5	1.7	.3								7.3	5.6
VARBL													
CALM												25.2	
	19.1	29.8	19.4	6.5	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

SIGNAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAG

# SURFACE WINDS

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

STATION 1 026 HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS  
 CLASS ALL WEATHER MONTH 0600-0800  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	5.5	2.8	1.5								12.9	3.7
NNE	.6	.8	.2									1.6	4.3
NE	.3	.8		.2								1.3	5.7
ENE	.4	.5	1.2	1.2	.1							3.4	9.2
E	1.2	4.3	3.2	2.2								10.6	7.3
ESE	1.5	4.7	4.0	.5								10.8	6.2
SE	1.3	4.5	4.1	.2								10.1	6.6
SSE	1.7	2.2	1.3	.1								4.3	5.3
S	1.4	2.4	1.6	.8	.2							6.3	6.5
SSW	1.4	1.2		.1								2.5	3.8
SW	.4	.2	.1	.1								.9	5.5
WSW	.1	.3	.1	.1								.6	6.8
W	.8	.6	.6	.1								2.2	5.5
WNW	.5	.8	.2									1.5	4.8
NW	.3	.6	.5									1.5	5.2
NNW	1.7	1.8	2.5	.3								6.3	5.3
VARBL													
CALM												22.6	
	16.2	31.0	22.5	7.4	.3							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 10820 HOMESTEAD AFB FL STATION NAME 69-70.73-80 YEARS  
 CLASS ALL WEATHER MONTH 1980-1982  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	3.2	4.0	1.6								9.7	7.6
NNE	.5	2.4	2.0	.1								5.1	5.3
NE	.2	1.2	.4	.4	.2							2.5	3.4
ENE	.1	.5	1.4	2.3	.6							4.9	11.6
E	.3	1.9	6.5	7.0	.1							15.8	10.2
ESE		1.3	6.9	4.5	.1							12.3	9.8
SE		1.2	3.9	3.7	.1							10.2	5.6
SSE	.5	1.6	3.8	2.3								5.2	8.7
S		1.2	5.2	1.8		.2						7.6	9.6
SSW	.3	1.7	1.9	1.3	.1	.1						4.7	9.2
SW	.3	.5	1.1	.6	.1							2.7	6.7
WSW	.2	.3	.2	.4	.1							1.3	9.7
W	.1	.3	1.2	.9	.2							2.6	9.8
WNW		.1	.9	.4								1.4	9.5
NW	.4	.3	1.2	.2								1.9	7.1
NNW	.2	.6	2.4	1.3								5.2	8.7
VARBL													
CALM												2.0	
	4.9	18.4	44.6	28.1	1.7	.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 1520 HOMESTEAD AFB FL STATION NAME: HOMESTEAD AFB FL YEARS: 69-70, 73-80 MONTH: MAR  
 CLASS: ALL WEATHER HOURS (L.S.T.): 1200-1400  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	.1	1.7	2.0	.8	.2							4.3	8.4
NNE	.1	.6	.5									1.3	6.7
NE	.4	.5	.3	.6	.5							2.5	10.5
ENE	.5	.9	3.4	3.8	1.3							9.9	11.3
E		1.7	8.5	7.7	1.2							19.1	10.9
ESE	.2	1.0	8.1	5.5	.2							15.8	9.7
SE	.3	1.7	7.4	2.4	.1							11.9	9.0
SSE	.2	1.4	3.9	1.6								7.1	8.9
S		.9	4.3	2.3								7.4	9.6
SSW		.3	2.2	2.6	.2	.2						5.5	11.7
SW	.1	.2	.0	1.2								2.2	10.5
WSW		.1	.4	.8	.3							1.6	12.5
W	.1	.1	.2	1.1	.5							2.6	12.3
WNW		.1	1.0	.9	.2							2.2	11.8
NW		.6	1.3	.8								2.7	9.0
NNW	.1	1.0	1.6	.5								3.2	8.3
VARBL													
CALM												.2	
	2.3	13.8	46.3	32.4	4.8	.2						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1-021 HOMESTEAD AFB FL STATION NAME 69-70, 77-80 YEARS MAC MONTH 1530-1700  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.4	.4	.3								1.2	9.1
NNE		.2	.3	.5								1.1	10.3
NE		.2	.6	1.2	.2							2.3	12.0
ENE	.2	1.1	3.5	4.0	.6							9.5	11.0
E	.2	4.0	10.8	7.8	.2							23.3	9.6
ESE	.1	3.3	9.7	2.3								15.4	8.6
SE	.1	1.5	6.8	1.4								9.8	8.5
SSE	.1	1.6	5.7	.9								3.6	8.2
S		1.5	4.6	.5	.1							6.8	9.4
SSW	.2	.4	3.5	1.3	.1							5.6	9.3
SW		.2	1.3	.9	.2							2.6	10.7
WSW		.1	.5	.8	.2	.1						1.7	13.0
W		.3	1.3	2.0	1.1	.1						4.8	12.7
WNW		.4	1.2	.5	.3							2.5	10.3
NW	.1	.8	1.0	.4								2.3	8.2
NNW		1.2	.9	.6								2.7	8.0
VARBL													
CALM													
	1.4	17.3	52.5	25.5	3.1	.2						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1725 HOMESTEAD AFB FL STATION NAME 67-70,73-80 YEARS  
 CLASS ALL WEATHER MONTH 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	1.1	.6									1.5	5.6
NNE	.3	.4	.6	.3	.2							1.9	6.6
NE	.3	1.1	1.7	.6	.2							4.0	6.2
ENE	.8	2.7	3.7	1.7								8.8	8.0
E	3.4	7.5	6.0	3.5								20.5	6.7
ESE	3.1	6.7	3.3	.1								13.2	5.1
SE	2.6	3.7	3.2	.2								9.0	5.5
SSE	3.3	3.2	1.3									7.8	4.1
S	3.1	3.0	1.7	.2	.1							8.2	4.9
SSW	1.4	.9	1.1									3.3	4.6
SW	.2	.6	.8	.1								1.7	6.6
WSW		.7	.6	.1								1.1	6.1
W	.4	2.4	2.5	2.0								7.3	6.2
WNW	.2	1.1	1.0	.5	.1							2.9	5.4
NW	.2	.5	.3	.2								1.4	6.2
NNW	.2	1.3	.5	.1								2.2	5.6
VARBL													
CALM												4.7	
	19.9	35.8	29.0	9.9	.6							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 10-26 STATION NAME HOMESTEAD AFB FL YEARS 62-70, 73-80 MONTH MAR  
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	1.2	.1								4.4	6.1
NNE	.3	.4	.1									.9	4.5
NE	.7	.8	.9	.3	.2							2.5	4.4
ENE	1.7	1.9	2.3	1.4	.1							6.7	7.7
E	3.3	7.5	5.6	2.8								19.2	6.7
ESE	3.5	4.9	3.7	.3								12.5	5.4
SE	1.8	3.9	1.2	.2								7.1	5.1
SSE	2.7	1.3	.8	.3								4.4	4.9
S	1.9	1.1	1.0	.2								4.2	4.9
SSW	1.1	.5	.1	.4	.1							2.3	6.0
SW	1.3	.5	.1	.1								2.0	3.8
WSW	.6	1.7	.3									1.9	4.5
W	1.1	3.2	1.1	.1								5.5	5.2
WNW	.8	2.5	1.5	.1								4.8	5.6
NW	.3	.5	.8	.2								1.8	9.9
NNW	.6	.9	.6	.1								2.3	5.4
VARBL													
CALM												17.5	
	21.3	32.3	21.7	6.8	.4							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 23



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

1986 STATION HOMESTEAD AFB FL STATION NAME 69-79, 73-80 YEARS MAC MONTH ALL  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.1	2.4	2.1	.6	.7							6.2	6.5
NNE	.7	.7	.5	.1	.7							1.6	6.4
NE	.2	.7	.5	.4	.2							2.1	8.7
ENE	.4	1.4	2.3	2.0	.4							6.5	9.6
E	1.5	4.4	6.2	4.4	.7							16.7	8.4
ESE	1.9	4.1	5.6	1.9	.7							13.4	7.2
SE	1.1	2.6	4.2	1.0	.0							9.0	7.3
SSE	1.3	1.9	2.6	.8								6.5	6.7
S	1.3	1.7	2.6	.8	.1	.0						6.5	7.2
SSW	1.2	.6	1.1	.8	.1	.0						3.6	7.5
SW	.6	.5	.5	.4	.2							2.0	6.9
WSW	.2	.3	.3	.3	.1	.1						1.2	8.8
W	.4	1.1	1.1	.9	.2	.0						3.7	6.3
WNW	.4	.5	.8	.3	.1							2.4	7.2
NW	.4	.7	.8	.3								2.2	6.6
NNW	.8	1.5	1.4	.5								4.3	6.6
VARBL													
CALM												12.1	
	12.9	25.4	32.6	15.4	1.4	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7441

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFM WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1026 HOMESTEAD AFB FL STATION NAME 69-72,73-80 YEARS APP MONTH  
 CLASS ALL WEATHER HOURS (L.R.T.) 1000-0100  
 CONDITION

SPEED (KNTS) DIR.	1-3	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	2.6	1.2	.1								4.3	5.2
NNE	.1	.4	.4	.2								1.2	7.5
NE	.2	.7	1.0	.2								2.1	6.9
ENE	.9	.7	4.1	1.3								7.0	6.0
E	2.7	3.7	7.4	4.4	.6							18.1	8.6
ESE	2.6	4.1	4.4	2.3	.1							13.6	7.2
SE	1.9	1.7	1.1	.4								5.1	5.2
SSE	1.7	1.7	1.9	.2								5.3	5.6
S	1.4	1.6	.9	.1								4.0	4.7
SSW	1.6	.2	.3	.1								2.2	3.6
SW	1.0	.7										1.7	3.1
WSW	.4	.6										1.0	3.4
W	.3	1.4										1.8	4.2
WNW	1.0	.4	.1									1.6	3.4
NW	.8	.8	1.2									2.8	5.9
NNW	1.7	2.8	.7	.4								5.6	4.9
VARBL													
CALM												22.2	
	13.7	23.9	24.6	10.0	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AF WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 17426 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS APR MONTH  
 CLASS ALL WEATHER 300-1500 HOURS (L.S.T.)  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	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	4.0	1.0	.3								3.0	4.8
NNE	.2	1.1										1.3	4.1
NE	.2	.3	.7	.3								1.6	7.7
ENE	.1	1.8	3.8	.6								6.2	7.6
E	1.3	3.7	5.5	3.1	.1							13.7	8.1
ESE	1.3	3.7	4.8	1.1	.1							11.0	7.0
SE	1.9	1.7	2.6	.2								6.3	5.9
SSE	1.8	2.2	.7	.2								4.9	4.8
S	2.4	2.4	.8	.1								5.8	4.3
SSW	1.1	.2	.1	.4								1.9	5.2
SW	.4	.4										.9	3.4
WSW	1.1	.4										1.6	2.5
W	.2	.4										.7	4.0
WNW	1.2	.6										1.8	2.8
NW	1.0	.9	.1									2.0	3.7
NNW	1.7	3.1	1.9	.9								7.6	5.9
VARBL													
CALM												24.4	
	19.2	27.0	21.8	7.3	.2							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

1-20 STATION HOMESTEAD AFB FL STATION NAME 62-70,73-81 YEARS APR MONTH  
4600-0900 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	3.6	6.3	3.6	1.2	.1							14.5	5.8
NNE	1.4	1.2	.7									3.3	4.1
NE	.1	.6	1.1	.4								3.2	4.5
ENE	.2	1.3	3.0	1.1								5.7	5.9
E	1.1	3.2	5.7	4.0	.1							14.1	6.7
ESE	.3	2.3	5.4	2.0	.1							13.7	8.1
SE	1.1	2.5	2.1	.4								9.2	6.2
SSE	1.2	1.7	1.3	.4								4.7	6.1
S	1.1	3.4	1.8	.7								7.9	6.1
SSW	.9	.8	.2	.4								2.2	5.9
SW	.3	.2	.1	.1								.8	5.4
WSW	.9	.2		.2								1.3	4.3
W	.6	.4										1.0	3.2
WNW	.3	.6	.1									1.0	4.2
NW	.1	.3										.4	4.3
NNW	1.3	2.3	1.3	.2								5.2	5.3
VARBL													
CALM												19.3	
	15.0	27.6	26.4	11.3	.3							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 370

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

1969 STATION HOMESTEAD AFB FL STATION NAME 69-73, 73-69 YEARS APR MONTH  
0900-1100 HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	2.2	1.6	.2	.1						7.3	8.5
NNE	.7	.9	.0	1.0	.2							3.6	3.4
NE	.4	.4	1.4	2.0	.4	.1						4.9	10.7
ENE	.3	.4	3.7	4.9	.6							9.9	11.0
E	.3	3.3	7.8	7.3	.7	.2						19.7	10.3
ESE	.3	1.2	5.2	5.2	.2							12.9	10.3
SE	.4	1.1	3.9	2.7								2.1	9.1
SSE	.1	1.4	2.7	1.4								5.7	8.7
S	.7	1.2	3.3	2.6	.1							6.8	8.7
SSW	.7	.9	1.9	1.1								4.5	8.2
SW	.1	.9	.8	.6	.2							2.6	8.6
WSW	.4	.6	.2	.6	.2							2.2	3.3
W	.8	.6	.7	.3	.2							2.5	7.2
WNW	.3	.6	.2	.2								1.3	8.0
NW	.2	.7	.4	.2								1.6	8.7
NNW	.6	1.3	1.1	.7								3.7	6.8
VARBL													
CALM												1.2	
	3.9	19.1	36.9	32.3	3.1	.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFM WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1424 HOMESTEAD AFB FL STATION NAME 69-70,73-20 YEARS APR  
 MONTH 1200-1400  
 CLASS ALL WEATHER  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.6	.6	.1							1.3	9.3
NNE	.1	.4	.7	.6	.1							1.9	9.5
NE	.1	.4	.4	1.9	1.1	.1						3.7	14.3
ENE	.1	.4	3.7	7.6	1.3							13.8	12.1
E	.1	2.4	11.1	2.3	2.1							20.1	11.5
ESE		2.3	7.2	5.6								15.1	9.8
SE	.1	.3	6.2	2.2								7.3	9.4
SSE	.3	.2	3.8	2.2								7.1	9.4
S	.4	.4	4.1	1.8								6.8	7.0
SSW	.1	.7	1.0	1.4	.2							3.4	10.0
SW	.1	.6	.4	1.4	.3							2.9	10.8
WSW	.4	.6	.7	.7	.3							2.9	9.1
W	.3	.6	.9	1.1								2.9	9.3
WNW	.2	.2	.8	.3								1.8	7.8
NW	.1	.6	.2									.9	9.6
NNW	.2	.3	.2	.3								1.1	7.0
VARBL													
CALM												.6	
	3.0	11.6	42.0	37.2	5.3	.1						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION HOMESTEAD AFB FL STATION NAME 69-70,77-40 YEARS APR  
 CLASS ALL WEATHER MONTH 1969-1700  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.3	.4								1.2	7.3
NNE	.1		.6	.3	.1							1.1	13.3
NE		.1	.6	3.7	.9							4.6	14.3
ENE		1.2	4.4	7.7	1.1	.1						13.9	11.5
E	.3	3.2	11.2	9.9	1.7							26.3	13.2
ESE	.1	2.4	7.4	2.9								12.9	9.0
SE		2.3	6.1	1.7								10.1	6.3
SSE	.1	1.6	3.8	2.2								7.7	9.0
S	.3	1.4	3.8	.9								6.4	6.1
SSW	.1	1.7	2.6	.1								3.8	7.5
SW	.3	.1	.6	1.1								2.1	10.1
WSW		.1	.4	1.3	.1							2.0	12.6
W		.1	.9	2.8	.3							4.1	12.3
WNW	.1	.2	.3	.6	.2							1.4	14.3
NW		.3	.4	.1								.9	7.0
NNW		.4	.6	.2								1.2	5.2
VARBL													
CALM												.2	
	1.6	15.8	44.0	34.6	3.8	.1						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1-20 HGMESTEAD AFB FL STATION NAME HGMESTEAD AFB FL YEARS 69-70, 73-99 MONTH AP?  
 CLASS ALL WEATHER MONTH 1800-2000  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.7									1.7	5.3
NNE	.1	.7	1.1	.4								2.3	6.1
NE	.3	.9	2.3	2.3	.1	.1						5.1	9.3
ENE	.7	3.3	6.4	3.1	.3	.1						14.9	8.9
E	2.2	6.8	13.0	4.9								23.7	7.8
ESE	2.3	4.9	2.1	.7								10.4	5.4
SE	1.2	4.4	2.3	.2								8.2	5.6
SSE	1.3	3.7	1.0	.1								5.9	4.8
S	3.2	3.2	1.1									7.6	4.3
SSW	.2	.7	.7									2.2	4.9
SW	.2	.7	.7	.1								1.8	6.1
WSW	.7	1.3	.6	.2								2.8	5.6
W	.6	1.6	3.3	1.0								6.4	4.2
WNW	.1	.3	.6	.1								1.1	6.7
NW	.1											.1	3.0
NNW	.3	.3	.2									1.3	4.7
VARBL													
CALM												3.4	
	15.3	33.8	33.1	13.2	.9	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 920



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 10020 HOMESTEAD AFB FL STATION NAME 69-70.73-90 YEARS APR MONTH  
 CLASS ALL WEATHER 4100-2370 HOURS (L.S.T.)  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.1	.4									2.2	5.0
NNE	.2	1.3	.3	.7								2.5	7.1
NE	1.1	.9	1.3	.8	.3							4.4	7.8
ENE	1.7	2.3	2.6	1.9								7.8	7.8
E	2.8	7.1	11.7	5.3	.2							26.4	8.1
ESE	3.1	4.2	1.2	.5		.1						9.9	5.3
SE	2.4	2.2	.2	.3								6.3	4.7
SSE	1.3	1.7	.6	.1								3.0	4.3
S	2.4	1.2	1.7	.1								4.3	4.5
SSW	1.3	.4										1.3	2.4
SW	.7	.9										1.6	3.6
WSW	.7	.7	.1									1.4	3.8
W	1.6	2.3	1.4	.2								5.6	5.3
WNW	.9	1.7	.2									2.7	4.7
NW	.4	.7										1.1	3.7
NNW	.2	.2	.6									1.6	5.8
VARBL													
CALM												15.9	
	20.9	30.2	22.1	10.2	.6	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 950

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 11-200 HOMESTEAD AFB FL STATION NAME 62-70,73-80 YEARS  
 CLASS ALL WEATHER MONTH APR  
 HOURS (L.S.T.) ALL  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	1.3	.5	.1	.1						5.4	6.1
NNE	.4	.2	.6	.4	.1							2.2	7.2
NE	.3	.5	1.1	1.4	.4	.7						3.7	10.5
ENE	.4	1.5	4.0	3.4	.4	.0						9.8	9.9
E	1.2	4.3	3.7	6.0	.6	.0						20.9	9.2
ESE	1.4	3.3	4.7	2.6	.1	.1						12.1	8.0
SE	1.1	2.2	3.1	1.0								7.5	7.1
SSE	1.7	1.7	1.9	.9								5.5	7.0
S	1.5	2.0	2.1	.8	.0							6.4	6.4
SSW	.8	.6	.8	.5	.1							2.8	6.7
SW	.4	.6	.3	.4	.1							1.8	7.3
WSW	.6	.6	.3	.4	.1							1.9	6.8
W	.5	.9	.9	.7	.1							3.1	7.6
WNW	.5	.5	.4	.2	.0							1.6	5.6
NW	.3	.5	.3	.0								1.2	5.3
NNW	.2	1.5	.9	.3								3.4	5.8
VARBL													
CALM												10.9	
	12.6	23.6	31.4	19.5	1.9	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFM WEATHER SERVICE/MAC

# SURFACE WINDS

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

17876 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS MAY MONTH 000-0000 HOURS (L.S.T.)

CLASS ALL WEATHER

CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.7	1.3									4.7	4.5
NNE	.4	.5	.2									1.2	4.3
NE	.6	.3		.1								1.1	4.0
ENE	.5	1.4	1.0	.4								3.3	6.6
E	2.9	6.2	9.8	3.3	.1							22.4	7.3
ESE	2.6	3.4	3.8	.5								10.3	5.9
SE	1.0	1.6	1.1	.2								3.9	5.5
SSE	1.7	1.4	1.0	.4	.1							4.6	5.6
S	2.4	.6	.5	.3								3.9	4.3
SSW	1.5	.5	.4	.1								2.6	4.0
SW	1.3	.5										1.8	2.9
WSW	.6	.1										.8	2.6
W	1.1	1.0	.1									2.2	3.7
WNW	1.2	.6	.1									1.9	3.2
NW	1.2	.9	.2									2.3	3.5
NNW	1.5	.6	.2									2.4	3.4
VARBL													
CALM												30.8	
	22.7	21.2	19.7	5.5	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 11-26 HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS MAY  
 CLASS ALL WEATHER MONTH MAY  
 HOURS (L.S.T.) 0300-1900  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	2.3	1.6									5.8	4.1
NNE	.6	.5	.2									1.9	4.1
NE	.4	.1		.2								.9	6.0
ENE	.4	1.7	1.3	.4								3.1	7.1
E	2.0	4.7	7.4	1.3								15.5	6.9
ESE	1.9	4.3	4.5	.6								11.4	6.2
SE	1.7	3.1	1.4									5.5	5.5
SSE	1.6	1.4	.5									3.5	4.1
S	2.3	1.3	1.3	.1								5.5	4.3
SSW	.9	.2		.1								1.2	3.5
SW	1.6	.1	.3		.1							2.7	3.5
WSW	.3	.2		.1								1.1	3.9
W	.6	.2										.9	3.0
WNW	1.7	.4										1.4	3.0
NW	.6	.4	.1									1.2	3.5
NNW	1.7	1.0	.2									2.9	3.2
VARBL													
CALM												35.7	
	21.0	22.0	18.3	2.9	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 43

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFD WEATHER SERVICE/MAC

### SURFACE WINDS

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

10326 STATION HOMESTEAD AFB FL STATION NAME 60-70,73-80 YEARS  
 ALL WEATHER CLASS 2600-0600 MONTH MAY  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	4.4	1.9									10.8	4.4
NNE	1.2	1.2	.4	.1		.1						3.0	4.9
NE	.3	.5	.4	.4								1.7	8.1
ENE	.6	.9	1.8	1.2								4.5	8.0
E	1.3	2.6	6.6	2.2								12.6	7.9
ESE	1.6	3.1	4.8	1.3								10.9	7.0
SE	1.4	2.4	2.6	.6								7.0	6.5
SSE	1.1	1.3	1.9	.4								4.7	6.5
S	2.4	1.8	1.1	.6								5.9	5.3
SSW	1.0	.9	.5	.1								2.4	4.6
SW	.5	.6	.1	.1								1.4	4.7
WSW	.6	.1	.2	.1								1.1	4.4
W	1.3	.5	.3									2.2	3.6
WNW	.3	.8										1.1	4.0
NW	.5	.1	.1									.8	3.0
NNW	2.8	2.0	.5									5.4	3.6
VARBL													
CALM												24.7	
	21.4	23.1	23.4	7.2		.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AWP WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1120 HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS  
 CLASS ALL WEATHER MONTH MAY  
 HOURS (L.S.T.) 0900-1100  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	.7	1.3	.1								3.0	6.1
NNE	.9	1.4	.8									3.0	5.1
NE	.6	.5	1.2	.8	.2							3.3	6.5
ENE	1.7	2.2	2.2	3.2	.2							9.7	9.2
E	1.1	3.8	6.8	8.2								19.8	9.4
ESE	.9	2.3	7.1	3.5	.2							14.0	6.9
SE	.0	2.2	3.2	.9								7.1	7.5
SSE	.6	2.9	3.4	1.0	.1							8.1	7.5
S	1.4	1.5	4.6	1.6		.1						9.2	8.0
SSW	.5	1.3	1.7	.3	.1							4.0	7.4
SW	.4	1.6	1.3	.5								3.9	6.9
WSW	.9	1.1	.4	.5								2.8	6.2
W	1.3	1.3	1.2	.1	.2							4.1	5.9
WNW	.5	.5	.4	.1	.1							1.7	6.1
NW	.5	1.3	.3									2.2	4.8
NNW	.3	1.5	.2	.1								2.2	5.3
VARBL													
CALM												3.0	
	12.6	26.0	36.1	21.0	1.2	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 10820 STATION NAME HOMESTEAD AFB FL YEARS 60-70, 72-74 MONTH MAY  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.4	.1	.1							1.1	8.6
NNE	.1	.2	.3									.6	8.2
NE		.4	.5	.6	.3							1.9	10.6
ENE		1.2	2.9	5.3	.4							9.8	11.2
E	.3	3.7	13.9	8.8	.1							26.8	9.6
ESE	.4	3.0	3.9	3.9								16.2	8.8
SE	.4	2.5	4.7	1.6								9.2	8.0
SSE	.2	1.6	5.5	1.2								8.5	8.5
S	.6	2.5	5.3	1.3	.1							9.8	8.0
SSW		.6	2.6	1.8	.3							5.4	10.6
SW	.1	1.1	1.0	.8	.1							3.0	5.7
WSW	.1	.6	.9	.2								1.8	7.6
W	.1	.3	.6	1.1								2.2	10.3
WNW	.3	.1		.2								.6	6.2
NW	.1	.8	.2									1.1	5.4
NNW	.3	.2	.3	.1								1.0	6.0
VARBL													
CALM												1.0	
	3.3	19.1	48.1	27.0	1.5							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 43

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 1-29 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS MAY  
 CLASS ALL WEATHER MONTH 1500-1700  
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	1.2									1.5	6.6
NNE	.4		.6									1.1	3.9
NE		.5	.5	1.4								2.5	10.5
ENE	.4	1.6	4.4	7.7	.1							14.3	10.7
E	.2	3.4	13.5	6.9	.2							24.9	9.0
ESE	.8	3.2	5.9	1.4								11.2	7.7
SE	.4	1.9	5.2	.8								8.3	7.8
SSE	.4	1.9	5.3	1.2								3.5	7.9
S	.4	3.5	4.4	.0								9.2	7.3
SSW	.3	1.1	3.3	1.6	.1							6.5	9.2
SW	.1	.5	1.2	1.4	.1							3.4	9.8
WSW	.2	.2	.5	.6								1.6	9.5
W	.2	.2	.8	1.6	.2							3.0	11.1
WNW			.2									.2	8.0
NW	.1	.3	.2									.6	5.5
NNW	.3	.3	.3		.1							1.1	6.7
VARBL													
CALM												2.0	
	5.3	19.2	47.3	25.3	.9							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 11-26 HOMESTEAD AFB FL STATION NAME 69-76,73-25 YEARS  
 CLASS ALL WEATHER MONTH MAY  
 HOURS (L.S.T.) 1800-2000  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.1	.2	.1								2.0	5.2
NNE	.5	.3	.3	.1	.2							1.9	5.5
NE	.3	.6	1.9	.9	.1							3.9	6.4
ENE	1.2	4.5	5.4	3.1	.1							14.3	7.9
E	3.5	8.6	9.6	3.7	.2							25.6	7.1
ESE	3.2	2.3	2.2	.3								9.0	5.1
SE	1.9	2.3	1.8	.4								6.5	5.8
SSE	2.5	1.7	1.1									5.3	4.3
S	2.9	4.5	1.5	.2								9.0	4.9
SSW	.5	1.9	.9									3.3	5.2
SW	.6	.2	.6	.4								2.6	6.3
WSW	.2	.2	1.1									2.2	6.2
W	.5	.2	2.7	.5								4.6	7.5
WNW		.2	.5	.1								.9	6.4
NW	.3		.1		.1							.5	7.5
NNW	.2	.2	.3									.8	5.6
VARBL													
CALM												7.6	
	13.1	32.4	30.2	9.9	.8							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 10526 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS  
 CLASS ALL WEATHER MONTH MAY  
 HOURS (L.S.T.) 17-23.6  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.6	1.4	.1								4.4	3.4
NNE	.4	.9	.7									1.8	4.1
NE	.6	.9	.5									2.0	5.0
ENE	2.2	2.9	3.2	.9								9.1	6.2
E	4.7	8.2	11.7	3.8								20.7	7.0
ESE	3.1	2.9	1.6	.8								3.4	5.2
SE	1.4	.7	1.3	.2								2.8	5.5
SSE	1.9	1.2	1.1									4.2	4.3
S	3.5	1.4	.2									3.2	3.2
SSW	1.1	.4	.1	.2								1.8	4.3
SW	1.5	.9										2.4	3.2
WSW	.9	1.3	.2									2.4	4.1
W	1.3	2.4	.4									4.1	4.3
WNW	.8	1.1	.2									2.0	4.3
NW	.1	.3										.4	4.6
NNW	.6	.1	.2	.1								1.1	4.6
VARBL													
CALM												20.2	
	25.3	27.2	20.8	6.0								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 2225 HOMESTEAD AFB FL STATION NAME 63-70,73-50 YEARS MAY  
 CLASS ALL WEATHER MONTH ALL  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.6	1.1	.1	.0							4.3	4.9
NNE	.6	.7	.4	.0	.0	.0						1.8	5.0
NE	.4	.5	.6	.6	.1							2.2	6.2
ENE	.8	1.9	2.8	2.8	.1							3.4	6.8
E	2.1	5.1	7.7	4.8	.1							21.8	6.1
ESE	1.8	3.2	4.8	1.5	.0							11.4	7.1
SE	1.0	2.1	2.7	.6								6.4	6.8
SSE	1.3	1.7	2.5	.5	.0							5.9	6.6
S	2.0	2.2	2.4	.6	.0	.0						7.2	6.1
SSW	.7	.9	1.2	.5	.1	.0						3.4	7.2
SW	.8	.8	.6	.4	.0							2.6	6.3
WSW	.5	.5	.4	.2								1.7	5.9
W	.8	.8	.8	.4	.1							2.9	6.5
WNW	.5	.5	.2	.1	.0							1.2	4.7
NW	.4	.5	.2		.0							1.1	4.4
NNW	1.0	.9	.3	.0	.0							2.1	4.2
VARBL													
CALM												15.6	
	16.4	23.8	30.5	13.1	.6	.0						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1-26 HOMESTEAD AFB FL STATION NAME 69-79.73-30 YEARS        MONTH Jul  
 CLASS ALL WEATHER HOURS (L.S.T.) 000-2300  
 CONDITION       

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	.7	.1									.3	3.0
NNE	1.7	.1										1.1	2.7
NE	.6	.3	.1	.3	.1							1.4	0.9
ENE	1.1	1.1	1.2	.8								4.1	0.6
E	4.7	5.9	2.9	.6								13.0	5.0
ESE	4.2	2.2	1.0	.2								7.7	4.2
SE	2.2	2.4	.6	.1								5.1	4.5
SSE	1.4	.6										2.0	2.6
S	2.0	1.1	.2									3.3	3.3
SSW	1.1	.4	.2	.3								2.1	3.1
SW	.7	.2										.9	2.5
WSW	1.2	.2										1.2	2.5
W	1.1	.6										1.7	2.9
WNW	.2	.1										.4	2.2
NW	.1	.1										.2	3.0
NNW	2.3	.6										2.9	2.7
VARBL													
CALM												49.0	
	25.2	16.4	6.3	2.3	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1000 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS JUL MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0900  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0										3.7	3.1
NNE	.7	.2	.2									1.1	3.7
NE	.4	.7		.2								1.0	3.7
ENE	1.0	.6	1.4	.6								3.6	6.7
E	3.2	1.4	1.4									6.1	4.1
ESE	3.4	3.4	1.7	.3								8.9	4.9
SE	1.5	1.9	.1									3.0	3.6
SSE	1.2	.3	.2									2.2	3.7
S	1.9	.7	.1		.1							3.3	4.4
SSW	.7	.9	.1	.1	.1							1.9	3.2
SW	.4	.7										.8	3.4
WSW	.1	.2										1.5	4.2
W	.4	.8										1.2	3.7
WNW	1.0	.1										1.1	2.3
NW	.7	.2										.9	2.8
NNW	1.3	.8										2.1	3.1
VARBL													
CALM												57.6	
	20.7	14.4	5.9	1.2	.2							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 300

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1429 HOMESTEAD AFB FL STATION NAME 69-74,73-86 YEARS JUL  
 CLASS ALL WEATHER MONTH 1600-0610  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.7	.3									6.2	3.4
NNE	1.4	1.1	.2									2.6	3.8
NE	.9	.7	.2	.2								1.0	4.7
ENE	1.1	.9	1.4	1.2	.1							4.7	7.6
E	1.7	2.8	2.2	.4								7.1	6.0
ESE	2.7	3.3	2.2	.1								8.3	5.3
SE	.6	2.1	1.7									4.2	5.6
SSE	1.7	.8	.7	.1								3.2	4.4
S	3.3	2.7	.3									4.8	3.9
SSW	1.7	1.2		.4	.1							3.4	5.1
SW	1.4	.2										1.7	2.4
WSW	.1	.3	.2									.7	6.2
W	.8	.8	.2									1.8	3.9
WNW	.7	.4										1.1	2.7
NW	.9	.9	.1									1.6	3.4
NNW	2.8	.9	.1									3.8	2.9
VARBL													
CALM												42.7	
	23.9	20.6	10.0	2.7	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

1-26 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-90 YEARS JUL  
 CLASS ALL WEATHER HOURS (L.S.T.) 1900-1100  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	.1									2.8	3.7
NNE	.8	1.2	.8									2.6	5.4
NE	.8	1.1	.8	.3								3.0	6.7
ENE	1.1	2.7	4.1	2.0								9.9	6.0
E	2.7	6.1	8.4	1.9								19.1	6.9
ESE	1.0	5.4	5.3	1.2								13.0	6.9
SE	1.6	2.1	3.6	.4								7.7	8.6
SSE	1.0	2.1	1.7	.1								4.9	5.7
S	1.9	2.9	1.7	.6								7.0	5.6
SSW	1.7	.7	2.3	.8	.1							5.6	6.9
SW	1.7	1.4	.9									4.0	4.5
WSW	1.7	1.2	.7	.1								3.4	4.3
W	1.3	1.2	1.4	.1								4.1	5.4
WNW	1.0	.2	.2	.2								1.7	3.0
NW	.4	.2	.9									2.2	2.4
NNW	.6	.6	.1									1.2	3.8
VARBL													
CALM												7.9	
	20.3	30.9	33.0	7.8	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

12-25 STATION HOMESTEAD AFB FL 69-70,73-80 JUN 1980-1980  
 STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.3	.1								1.6	5.0
NNE	.4	.4										.9	3.6
NE		.3	.6	.4								1.3	3.3
ENE	.4	1.7	3.7	3.2								9.0	9.4
E	1.4	6.7	13.1	3.2								23.8	7.9
ESE	.7	6.7	11.1	1.7								17.4	7.7
SE	.6	2.3	6.4	.7								10.0	7.6
SSE	1.7	2.7	3.8	.1								7.6	6.7
S	1.7	2.3	2.4	.6	.1							6.4	6.7
SSW	.6	1.9	2.7	1.0	.3							5.8	8.3
SW	.4	.9	.8	.3								2.4	6.6
WSW	.4	1.4	.7	.4								3.0	7.5
W	.2	.7	1.1	.3								2.3	7.6
WNW	.4	.7	.4									1.6	5.3
NW	.3	.8	.3									1.4	4.6
NNW	.1	.3	.1									.6	5.0
VARBL													
CALM												2.9	
	4.7	29.0	46.9	12.1	.4							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 980



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

11-29 STATION HOMESTEAD AFB FL STATION NAME 69-70.73-20 YEARS JUN MONTH 1500-1700 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	.8	.6	.6	.2								2.1	5.8
NNE	.7	.2	.2	.1	.1	.1						1.1	6.5
NE		.3	.9	.6								1.8	7.3
ENE	.3	1.8	3.4	3.8								9.3	5.6
E	.8	6.8	12.0	2.6	.1							22.2	7.8
ESE	1.9	5.2	8.2	.4								15.8	6.8
SE	.6	3.4	4.3	.4								8.8	6.8
SSE	1.7	2.6	1.4	.6								5.6	5.8
S	1.9	4.1	3.0	.4								9.3	5.9
SSW	1.0	1.6	2.9	.4	.1							6.0	7.3
SW	.8	1.2	.9	.3	.1							3.3	6.5
WSW	.4	1.1	.4	.2	.1							2.3	6.8
W	.8	1.1	.4	.7								3.0	6.4
WNW	.9	.6	.1	.2								1.8	5.1
NW	.1	.2	.3		.1							.8	6.0
NNW	.1	.7	.9									1.7	6.5
VARBL													
CALM												5.1	
	11.6	31.4	40.1	11.0	.7	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13025 HOMESTEAD AFB FL STATION NAME 69-70.73-80 YEARS JUN  
 CLASS ALL WEATHER MONTH 1300-2000  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.2	.4		.2							2.7	5.9
NNE	.4	.6	.1	.1								1.2	5.1
NE	.2	.9	1.1	1.1	.1							3.4	9.1
ENE	1.7	3.1	2.6	2.0								9.3	7.1
E	5.0	9.4	5.2	.7								20.3	5.3
ESE	4.0	5.2	2.7									11.9	4.7
SE	2.6	3.0	.6									6.1	4.0
SSE	3.0	1.6	.6	.1								5.2	3.9
S	3.8	3.3	1.1									8.7	4.0
SSW	1.8	2.3	.3	.1								4.6	4.0
SW	.7	1.6	.3									2.6	4.6
WSW	.3	.7	.7									1.7	5.9
W	1.0	1.2	.3									2.6	4.2
WNW	.2	.4	.2	.1								1.0	6.0
NW	.7	.3	.1									1.1	3.9
NNW	1.1	.7	.2									2.0	3.5
VARBL													
CALM												15.7	
	27.2	36.0	16.6	4.2	.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 10020 STATION NAME HOMESTEAD AFB FL YEARS 69-70, 73-80 MONTH JUN  
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	.7	.1									2.9	2.8
NNE	.9	.4	.1									1.4	3.3
NE	.6	.9	.4	.7								2.6	7.3
ENE	1.1	1.8	2.0	.9								5.8	7.2
E	6.9	7.0	3.2	.8								17.9	4.9
ESE	5.7	3.1	.4	.3								9.6	3.7
SE	1.9	1.6	.2									3.7	3.5
SSE	1.7	.4	.1									2.2	2.7
S	3.4	1.4	.3									5.2	3.2
SSW	1.9	.6	.1	.1								3.6	3.6
SW	1.7	1.0	.1									2.8	3.1
WSW	1.0	.7	.1									1.8	3.4
W	1.2	.3	.1									1.7	2.9
WNW	.6	.3										.9	2.8
NW	.3											.3	2.0
NNW	1.2	.8	.2									2.2	3.6
VARBL													
CALM												36.6	
	32.0	21.0	7.7	2.8								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1925 HOMESTEAD AFB FL 69-70, 73-80 JUN  
 STATION STATION NAME YEAR 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	1.5	1.2	.2	.0	.0							1.0	3.9
NNE	.7	.5	.2	.0	.0	.0						1.5	4.5
NE	.4	.6	.5	.5	.0							2.1	7.3
ENE	1.0	1.7	2.5	1.8	.0							7.0	6.0
E	3.3	5.7	6.1	1.3	.0							16.3	6.3
ESE	2.9	4.2	4.1	.5								11.8	5.9
SE	1.4	2.3	2.2	.2								6.1	5.8
SSE	1.5	1.4	1.1	.1								4.1	5.0
S	2.3	2.3	1.2	.2	.0							5.0	4.9
SSW	1.3	1.2	1.0	.4	.1							4.0	6.1
SW	1.1	.9	.4	.1	.0							2.3	4.6
WSW	.7	.7	.3	.1	.0							1.9	5.1
W	.9	.9	.5	.1								2.3	5.0
WNW	.6	.4	.1	.1								1.2	4.3
NW	.4	.4	.2		.0							1.1	4.5
NNW	1.2	.7	.2									2.1	3.5
VARBL													
CALM												27.2	
	21.2	29.0	20.8	5.5	.3	.0						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 7220

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 10020 STATION NAME: HOMESTEAD AFB FL YEARS: 60-70, 73-80 MONTH: JUL  
 CLASS: ALL WEATHER HOURS (L.S.T.): 0000-0200  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	1.4	.1									4.4	3.3
NNE	1.2	.5										1.7	2.5
NE	.3	.4	.1									.9	3.6
ENE	1.2	.5	.2									1.9	3.6
E	4.0	4.9	2.2	.4								11.5	4.8
ESE	3.2	3.3	2.2	.2								8.9	5.0
SE	2.5	1.6	.1									4.2	3.1
SSE	2.1	.4		.1								2.6	3.6
S	2.7	.8										2.8	2.5
SSW	.9	.3										1.2	2.9
SW	1.1											1.1	2.1
WSW	.7	.1										.4	2.5
W	1.2	.2										1.4	2.3
WNW	.5	.3	.1									1.0	3.3
NW	.9	.3										1.2	2.4
NNW	2.3	.5										2.8	2.4
VARBL													
CALM												52.0	
	26.5	15.8	4.9	.8								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 10526 HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS JUL MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0600  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	1.2	.2									9.9	2.7
NNE	.2	1.1										1.3	3.4
NE	.9	.2										.7	2.6
ENE	1.1	.2	.1									1.4	3.2
E	2.7	2.4	1.3									6.3	4.4
ESE	3.5	3.9	1.5	.1								9.0	4.5
SE	1.6	1.4	.6									3.7	4.2
SSE	1.6	.6	.3									2.6	3.5
S	.9	.4	.1									1.4	3.3
SSW	.5	.1										.6	2.5
SW	.4											.4	1.5
WSW	.4		.1									.5	3.0
W	.8	.1		.2								1.1	4.0
WNW	.2											.3	2.3
NW	1.0	.1	.1									1.2	2.5
NNW	3.4	1.3										4.7	2.9
VARBL													
CALM												58.1	
	24.3	12.9	4.4	.3								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 17-28 HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS JUL MONTH  
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	2.4	.1									7.1	2.9
NNE	1.5	1.1	.2									3.1	3.3
NE	1.1	.2	.1									1.9	3.3
ENE	.6	.9	.3									1.8	4.6
E	2.7	3.3	2.6	.4								9.0	5.2
ESE	3.0	4.9	2.7	.6								11.3	5.5
SE	1.5	1.1	.5	.2								3.3	4.8
SSE	3.0	.5	.3									4.0	3.0
S	1.5	1.3	.4									3.2	4.1
SSW	.2	.2	.1									1.3	3.4
SW	.5											.5	1.8
WSW	.3	.1										.4	2.8
W	1.7	.4										1.4	2.9
WNW	1.1	.4										.5	2.6
NW	1.2	.2										1.4	2.5
NNW	2.0	.6										3.5	2.5
VARBL													
CALM												45.1	
	27.7	18.5	7.4	1.3								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 430

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1-325 HOMESTEAD AFB FL STATION NAME 69-70, 73-84 YEARS JUL MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.6	.2									1.3	3.1
NNE	.5	.8	.3									1.0	4.5
NE	.9	.5	.5									1.9	4.8
ENE	1.3	1.3	1.1	.3								4.5	5.4
E	2.8	5.9	9.2	3.0								21.0	7.3
ESE	1.8	7.1	3.7	1.9	.1							19.7	7.0
SE	2.0	3.0	3.2	.2								8.5	5.9
SSE	2.3	2.6	2.3									7.1	5.2
S	1.9	2.5	2.2	.2								6.9	5.6
SSW	1.8	1.1	1.1	.3								4.2	5.2
SW	1.1	1.0	.9									2.9	5.0
WSW	1.4	1.0	.2									2.6	3.6
W	1.2	.9	.3									2.4	3.8
WNW	1.1	.6										1.7	3.4
NW	.4	.3	.2									1.4	4.6
NNW	.4	.4	.3									1.2	4.6
VARBL													
CALM												10.2	
	22.4	30.6	30.6	6.0	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 1 326 HOMESTEAD AFB FL STATION NAME 69-70.73-80 YEARS JUL MONTH  
 CLASS ALL WEATHER 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 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.7									.5	1.6
NNE	.4	.1										.5	1.6
NE	.2	.2	.2									.5	4.3
ENE	.4	1.4	1.5	.4								3.6	7.0
E	3.0	7.6	15.9	2.6	.1							29.2	7.3
ESE	2.0	7.0	11.4	3.5								24.0	7.6
SE	.9	3.2	6.7	.4								11.2	7.3
SSE	1.5	2.8	3.7	.5								6.5	6.5
S	1.0	2.2	2.5	.4								6.0	6.3
SSW	.9	.6	.8	.4								2.7	6.0
SW	.3	.5	.8	.6								2.3	7.6
WSW	.3	.4	.3	.1								1.2	6.6
W	.5	.6	1.0	.2								2.4	6.3
WNW	.2	.5	.5									1.3	6.2
NW	.3	.6	.2									1.2	4.8
NNW	.3	.1	.2	.1								.9	6.6
VARBL													
CALM												3.5	
	12.7	28.3	45.9	9.5	.1							170.2	6.6

TOTAL NUMBER OF OBSERVATIONS 73

AD-A102 404

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
HOMESTEAD AFB, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)  
JUN 81

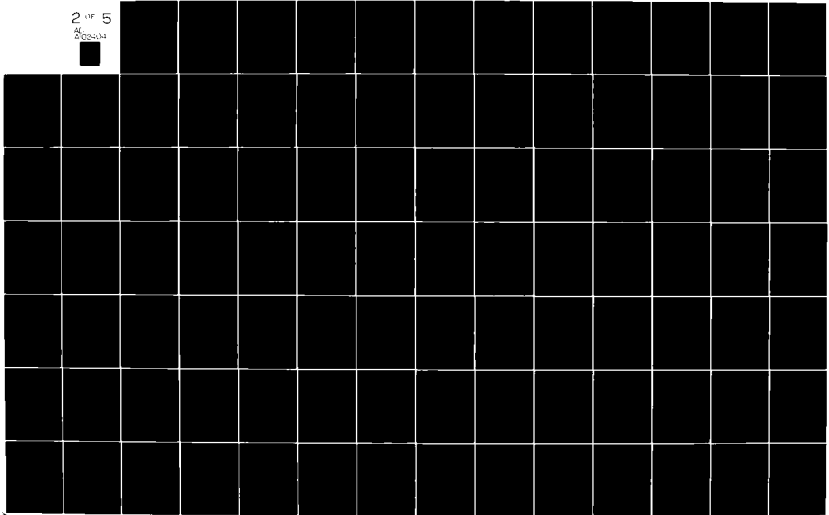
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SBIE-AD-E850 091

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1-526 HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS Jul MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-1700  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	.8	.1								2.3	6.2
NNE		.6	.6	.1								1.4	6.3
NE	.1	.2	.4	.1								.9	7.0
ENE	.4	1.1	1.0	.5								4.0	7.4
E	1.3	7.6	14.0	2.7	.1							26.2	7.5
ESE	2.5	7.1	9.4	.9								19.8	6.9
SE	1.2	3.9	4.6	1.0								10.5	6.7
SSE	1.4	3.7	3.2	.3								8.6	6.0
S	1.3	3.2	2.3									8.3	5.4
SSW	.9	1.1	1.3	.6								3.8	6.9
SW	.6	1.0	.8	.3								2.7	6.4
WSW	.8	.9	.6	.2								2.5	5.4
W	.8	.9	.8	.3								2.7	5.6
WNW	.5		.2	.1								.9	4.3
NW	.2	.9	.6									1.7	5.9
NNW	.2	1.3	.4	.2								2.2	6.0
VARBL													
CALM												3.2	
	13.0	34.2	41.9	7.5	.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

1900 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS JUL MONTH  
 CLASS ALL WEATHER 1800-2200 HOURS (L.S.T.)  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.3	.9	.4								4.5	3.5
NNE	.7	.3	.1									1.2	4.5
NE	.4	1.0		.1								1.5	4.8
ENE	1.3	2.5	1.5									5.8	4.9
E	6.5	13.9	5.4	.8								23.4	5.2
ESE	5.2	6.1	2.6	.3								14.9	4.3
SE	2.7	1.9	1.2	.2								6.0	4.5
SSE	3.2	1.4										4.4	3.2
S	4.4	2.3	.3									7.0	3.2
SSW	.3	.2	.3									1.8	4.4
SW	.5	.2	.3									1.6	4.5
WSW	.9	.3	.5									1.7	4.7
W	1.5	.7	.3	.1								2.8	4.3
WNW	1.2	.6	.1									1.9	3.3
NW	.6	.4										1.1	3.2
NNW	1.3	1.1	.1	.2								2.7	4.4
VARBL													
CALM												17.5	
	33.2	33.4	13.7	2.2								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 730

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

10326 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS JUL MONTH  
1980-2380 HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.9	.4									3.7	4.2
NNE	1.7	.4	.2									1.6	3.2
NE	1.7	.4	.4									1.6	3.9
ENE	1.9	.8	.3									2.9	3.4
E	7.4	6.5	3.5	.2								17.6	4.4
ESE	5.9	2.7	.5									9.9	3.4
SE	2.0	1.7	.1									3.9	3.4
SSE	1.6	.9		.1								2.6	3.4
S	2.6	1.2	.1									3.9	3.1
SSW	.4	.4										.9	3.3
SW	.8	.5										1.3	3.1
WSW	.5	.4	.1									1.1	3.6
W	1.4	.5	.2									2.2	3.6
WNW	.6	.1										.8	2.4
NW	.7	.2										.5	3.2
NNW	1.4	1.7										2.4	3.2
VARBL													
CALM												44.0	
	30.0	19.7	6.0	.3								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AND WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 17826 HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS  
 CLASS ALL WEATHER MONTH JUL  
 HOURS (L.S.T.) ALL  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.3	.4	.1								3.9	3.8
NNE	.6	.7	.2	.0								1.6	3.2
NE	.6	.5	.2	.0								1.3	4.2
ENE	1.1	1.1	.9	.2								3.3	5.3
E	3.9	6.1	6.8	1.3	.0							13.1	6.2
ESE	3.5	5.3	4.9	1.0	.0							14.6	6.0
SE	1.9	2.0	2.1	.3								6.4	5.6
SSE	2.1	1.5	1.2	.1								5.0	4.8
S	1.9	1.7	1.0	.1								4.7	4.5
SSW	.9	.6	.4	.2								2.1	5.1
SW	.7	.5	.3	.1								1.6	5.0
WSW	.6	.4	.2	.0								1.3	4.3
W	1.0	.5	.3	.1								2.0	4.3
WNW	.7	.3	.1	.0								1.2	3.6
NW	.6	.4	.1									1.2	3.6
NNW	1.5	.8	.1	.1								2.5	3.5
VARBL													
CALM												29.2	
	23.7	24.2	19.4	3.5								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 1-26 HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS AUG  
 CLASS ALL WEATHER MONTH 0000-0000  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.3										3.3	2.8
NNE	1.3	.6	.1	.1								2.7	3.6
NE	1.2	.8										1.9	3.1
ENE	1.5	2.5	.4									4.4	4.3
E	3.9	6.5	5.2	.6								15.7	5.8
ESE	2.8	4.8	2.6	.6								10.9	5.7
SE	1.6	1.7	.4									3.8	3.8
SSE	1.4	1.1	.2									2.7	3.4
S	1.2	.3										1.5	2.6
SSW	.2	.5										.8	4.1
SW	.4	.1										.5	2.6
WSW	.6	.1	.1									.9	3.4
W	.3		.1									.4	3.8
WNW	1.1	.2										1.3	2.9
NW	.9	.2										1.0	2.6
NNW	2.3	.4										2.7	2.4
VARBL													
CALM												45.2	
	23.5	20.8	9.1	1.4								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 1026 STATION NAME HOMESTEAD AFB FL YEARS 69-70, 73-80 MONTH AUG  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0900  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	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									6.1	2.9
NNE	1.4	.5	.1									2.0	3.1
NE	.9	.2	.1									1.2	3.3
ENE	.9	.7	.9	.1								2.7	5.3
E	2.4	4.9	2.6	1.1	.1							11.1	6.3
ESE	3.7	5.8	2.3	.1								11.8	4.7
SE	2.5	1.5	.4	.2								4.6	4.0
SSE	1.8	.2										2.0	2.4
S	.9	.1	.1	.1								1.2	4.1
SSW	.5	.3	.1									1.0	3.4
SW	.2	.1	.2									.5	5.6
WSW	.2	.3	.2									.8	3.0
W	.2	.3										.5	3.6
WNW	.9	.2										1.1	2.4
NW	.9	.1										1.0	2.2
NNW	2.0	.3	.1									2.5	2.5
VARBL													
CALM												49.9	
	23.3	17.7	7.3	1.6	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 1426 HOMESTEAD AFB FL STATION NAME 69-70.73-80 YEARS AUG  
 CLASS ALL WEATHER MONTH 0600-2800  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 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	3.1	.2									8.8	3.1
NNE	1.7	.9	.1									2.7	3.1
NE	1.4	.5										1.9	3.0
ENE	1.2	1.3	1.0	.3	.1							3.9	6.0
E	1.7	4.6	3.5	1.6								11.5	6.6
ESE	3.2	5.9	3.7									12.8	5.2
SE	2.6	2.3	1.4	.3								6.6	4.9
SSE	1.6	1.5	.4									3.5	4.1
S	3.3	1.1	.1									3.4	3.2
SSW	.8	.7	.1									1.2	3.8
SW	.5	.1	.2									.9	4.1
WSW	.4		.1									.5	3.4
W	.4		.1									.5	3.6
WNW	.3	.1										.4	2.8
NW	.9	.2										1.0	2.6
NNW	2.9	.4										3.3	2.4
VARBL													
CALM												37.3	
	27.0	22.4	11.0	2.3	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

11-26 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS AUG MONTH  
ALL WEATHER CLASS 0900-1100 HOURS [L.S.T.]  
 \_\_\_\_\_ CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3		.1								2.5	3.8
NNE	.5	.9	.2	.1								1.7	5.3
NE	.6	1.0	.3	.4								2.4	5.9
ENE	1.2	1.4	2.9	1.7	.1							7.3	7.8
E	1.5	7.6	14.1	4.3	.4							28.0	8.1
ESE	.7	5.1	12.6	3.1								19.0	8.0
SE	1.1	3.9	3.5	.5								9.0	6.4
SSE	1.1	2.3	2.2	.3								5.8	6.1
S	2.0	1.1	2.2	.1								5.4	5.4
SSW	1.0	1.1	1.1	.4	.1							3.7	6.6
SW	.4	.8	.6	.2								2.0	5.8
WSW	.5	.2	.1									.9	3.6
W	.4	.6										1.1	3.8
WNW	.5	.2	.1									.9	3.4
NW	.2	.5	.1									.9	4.9
NNW	.6	.6	.1									1.4	3.5
VARBL													
CALM												7.5	
	13.8	28.5	38.2	11.4	.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

10-20 STATION HOMESTEAD AFB FL STATION NAME 69-70, 73-90 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	.5	.4									1.2	5.5
NNE		.7	.1	.1								.4	6.5
NE	.3	.2	.1	.5								1.2	7.7
ENE	.5	1.6	2.8	2.4	.6							8.0	9.6
E	1.3	6.1	18.5	8.4	.1							34.4	8.9
ESE	1.3	4.6	11.4	3.3								20.6	8.0
SE	.6	2.4	4.6	1.5								9.1	5.0
SSE	.3	2.7	2.9	.6								6.7	7.1
S	.9	1.7	2.7	.5								5.8	6.7
SSW	.2	.6	.4	.6								1.9	7.9
SW	.2	.4	1.0	.3								1.9	7.9
WSW		.5	.4	.2								1.2	6.2
W	.4	.2	.6	.2								1.5	6.4
WNW		.4	.3	.1								.9	6.5
NW	.3	.6	.5									1.5	6.5
NNW	.1	1.1	.4									1.5	5.4
VARBL													
CALM												2.2	
	6.8	24.1	47.3	18.9	.8							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

1929 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS AUG MONTH  
1500-1700 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.5	.6	.2								2.4	2.3
NNE	.4	.8	.3									1.5	4.8
NE	.3	.4	.2	.4	.1							1.5	7.9
ENE	.6	1.8	3.7	2.3	.2							6.6	8.9
E	1.5	7.4	16.4	7.0	.5							32.8	8.5
ESE	1.7	5.5	11.2	1.5								19.9	7.4
SE	.5	2.3	4.3	.1								7.2	3.9
SSE	.5	1.9	2.3									4.7	6.6
S	1.3	1.1	1.9	.1								4.1	6.1
SSW	.3	1.5	.9	.2								2.8	6.3
SW	.3	.9	1.1	.2								2.5	3.7
WSW	.6	.4	.4	.2								1.7	5.7
W	.5	.8	1.0	.1								2.4	5.9
WNW	.3	.2	.3									.5	4.6
NW	.5	.4	.3	.1	.1							1.5	6.6
NNW	.3	.3	.6									1.3	5.8
VARBL													
CALM												4.2	
	10.7	26.3	45.4	12.5	1.0							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 929

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1 20 STATION H. HESTRAD AFB FL STATION NAME 69-7, 73-80 YEARS MONTH ALL  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.2	.7	.1								4.6	3.7
NNE	1.4	1.1	.3									3.8	4.7
NE	1.0	1.3	.5	.2								3.3	5.3
ENE	1.4	3.2	4.3	1.7								9.9	6.7
E	3.7	11.3	9.2	2.6								31.8	5.9
ESE	5.3	5.7	1.6									12.5	4.2
SE	1.7	1.5	.4		.1							3.2	3.9
SSE	1.1	.5	.2									1.8	3.6
S	2.4	1.2	.7									3.3	3.5
SSW	.6	.1	.4									1.2	4.5
SW	.1	1.1	.2									1.4	4.9
WSW	1.2	.3										1.3	2.8
W	.6	.7										1.3	3.1
WNW	.5	.3										.9	3.1
NW	.9	.5	.1									1.5	3.1
NNW	1.1	.3	.4									3.3	4.5
VARBL													
CALM												15.1	
	31.5	31.2	13.3	3.9	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

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

# SURFACE WINDS

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

STATION: 1420 HOMESTEAD AFB FL YEARS: 69-70, 73-74 MONTH: 401  
 CLASS: ALL WEATHER HOURS (L.S.T.): 2100-2200  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	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	1.2										3.8	3.8
NNE	1.7	.5	.1									1.8	3.1
NE	1.5	1.7	.3									3.9	3.7
ENE	1.1	2.4	1.7	.4								4.8	3.8
E	6.7	17.4	3.0	1.6	.1							76.8	5.8
ESE	3.7	3.8	1.1	.6								9.1	4.3
SE	1.7	1.2	.5	.1								3.5	4.2
SSE	1.3	.6	.1	.1								2.2	3.5
S	2.7	.5	.1									2.7	4.7
SSW	.5	.3										.9	3.5
SW	.3	.1										.7	2.6
WSW	.8	.1	.2									1.1	3.3
W	.3	.1										.9	2.4
WNW	.6	.2		.1								1.0	3.4
NW	.5	.5										.1	3.5
NNW	1.2	.4	.3									1.9	3.8
VARBL													
CALM												75.7	
	26.5	23.5	11.7	3.0	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 330

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFM WEATHER SERVICE/MAC

# SURFACE WINDS

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

11426 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS AUG MONTH ALL  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.3	1.5	.2	.1								1.1	3.4
NNE	1.7	.7	.2	.0								2.7	3.6
NE	.9	.7	.2	.2								2.0	4.0
ENE	1.0	1.9	2.1	1.0	.1							6.2	7.3
E	3.5	7.3	9.7	3.4	.2							24.0	7.2
ESE	2.3	5.1	5.6	1.2								14.7	6.4
SE	1.7	2.1	2.0	.3	.7							6.1	5.7
SSE	1.1	1.4	1.0	.1								3.7	5.2
S	1.6	.9	.9	.1								3.5	4.8
SSW	.5	.6	.4	.2	.0							1.7	5.7
SW	.4	.4	.4	.1								1.3	5.7
WSW	.5	.3	.2	.1								1.0	4.6
W	.5	.3	.2	.0								1.0	4.6
WNW	.5	.2	.1	.0								.7	3.5
NW	.5	.4	.1	.0	.7							1.2	4.0
NNW	1.3	.5	.3									2.1	3.3
VARBL													
CALM												24.0	
	20.4	24.3	23.5	6.9	.3							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1122 HOMESTEAD AFB FL STATION NAME 69-70,73-21 YEARS SEP MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.9	.1		.1							2.9	3.7
NNE	1.4	.3										2.2	2.9
NE	.8	.9	.4									1.8	4.4
ENE	2.0	2.3	.4	.1								4.9	4.3
E	6.1	8.3	4.7	.6								19.7	5.0
ESE	4.3	3.7	1.9	.6								10.4	4.8
SE	1.9	2.2	.6	.1								5.4	4.4
SSE	1.3	.9	.9	.1								3.2	5.0
S	.9	1.1	.2									2.1	3.9
SSW	.7	.1	.3									1.1	3.7
SW	.9	.1	.4									1.4	4.4
WSW	.2											.9	1.9
W	1.1	.2										1.3	2.5
WNW	.8	.1										.9	2.1
NW	.6	.1	.1									.8	2.7
NNW	1.4	1.1	.1	.1								2.8	3.7
VARBL													
CALM												38.1	
	26.9	23.1	10.2	1.6	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1426 HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS SEP MONTH  
 CLASS ALL WEATHER HOURS [L.S.T.] 0300-0600  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	1.4	.1									4.7	3.1
NNE	.9	.9										1.8	3.3
NE	.8	.4										1.2	3.1
ENE	1.6	1.3	.3									3.7	3.9
E	5.1	5.2	3.0	.8								13.9	5.1
ESE	4.6	2.9	2.6	.1								10.1	4.8
SE	1.6	1.8	.6	.1								4.0	4.2
SSE	1.2	.6	.3	.1								2.2	4.1
S	.8	.3	.4									2.0	4.4
SSW	.3	.4	.1									.9	4.5
SW	.3	.1	.1	.1								.7	3.8
WSW	.7	.1										.2	2.4
W	.4	.1										.6	4.6
WNW	.4											.4	2.7
NW	.2	.3		.2	.1							.9	3.1
NNW	1.9	.6										2.3	2.9
VARBL													
CALM												49.9	
	21.8	17.2	7.6	1.4	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 17-26      STATION NAME: HOMESTEAD AFB FL      YEARS: 68-70, 77-80      MONTH: SEP  
 CLASS: ALL WEATHER      HOURS (L.S.T.): 0600-1800  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.8	.2	.1								7.6	3.6
NNE	2.2	1.4	.2									3.7	3.7
NE	.9	.6	.2									1.9	3.9
ENE	.8	1.2	1.0	.1								3.1	5.4
E	2.8	5.1	4.4	.3	.2							12.9	6.0
ESE	2.4	4.2	2.7	.7								10.0	5.8
SE	1.6	1.9	.9									4.3	4.8
SSE	1.0	1.2	.3	.2								2.8	3.1
S	1.8	.9	.7									3.3	4.1
SSW	.9	.9	.2									1.7	3.8
SW	.7	.2	.3									1.2	4.2
WSW	.2	.3	.1									.7	4.7
W	.6	.2	.1			.1	.1					1.1	6.5
WNW	.3				.1	.1						.4	6.0
NW	.7	.3										1.0	2.6
NNW	2.1	1.2	.2									3.6	3.4
VARBL													
CALM												41.1	
	22.0	23.2	11.7	1.4	.4	.1						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1-20 HOMESTEAD AFB FL STATION NAME 69-70,73-30 YEARS  
 CLASS ALL WEATHER MONTH SEP  
 HOURS (L.S.T.) 0900-1100  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.1	.7	.1								4.1	4.2
NNE	1.1	.8	.8									2.7	4.6
NE	.4	1.1	.9	.6								3.0	6.9
ENE	1.4	2.9	4.1	1.1								9.6	7.1
E	1.9	6.9	11.4	3.2	.3							23.6	7.8
ESE	1.1	3.4	7.9	3.1	.1							15.7	8.3
SE	1.4	2.2	4.0	.6								8.2	6.9
SSE	1.2	1.1	1.3	.3								4.6	5.9
S	1.4	1.9	2.3	.8								6.4	6.5
SSW	.7	1.2	1.1	.3								3.3	6.2
SW	1.1	1.0	.7	.2								3.0	5.3
WSW	.7	.7	.6	.1	.1							2.1	6.1
W	.4	.9	.7	.2	.2							2.4	7.4
WNW	1.0	.6	.3									1.9	4.2
NW	.6	.9	.2									1.7	4.1
NNW	.7	.6	.2									1.4	3.9
VARBL													
CALM												6.7	
	16.4	28.2	37.2	10.7	.8							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAL

## SURFACE WINDS

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

STATION 11-28 HOMESTEAD AFB FL STATION NAME 69-70, 71-80 YEARS 518  
 MONTH 12-70-1470  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 12-70-1470  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.6	.1								1.4	5.6
NNE	.1	1.1	.1									1.2	5.3
NE	.2	1.1	.9	.8								3.0	5.5
ENE	.3	.3	4.6	2.9								8.6	9.4
E	.4	6.7	17.8	5.0	.1							29.3	8.6
ESE	.2	4.9	9.4	3.6	.1							18.3	6.4
SE	.3	1.9	4.1	1.7								7.3	7.9
SSE	.6	1.2	3.2	.3								5.3	7.1
S	1.7	2.3	4.3	.7								8.8	7.8
SSW	.5	1.7	2.2	.2								4.0	7.0
SW	.2	.3	.9	.1								2.0	6.7
WSW	.3	.4	.1	.3	.1							1.3	7.3
W	.1	.9	.8	.3	.2							2.3	6.6
WNW	.3	.7	.2	.3								1.6	6.4
NW	.1	.6	.2									.9	5.6
NNW	.3	.5	.2	.1								1.2	5.5
VARBL													
CALM												3.2	
	5.7	25.1	49.7	15.8	.6							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 17026 STATION NAME HOMESTEAD AFB FL YEARS 69-70, 73-81 MONTH SEP  
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.9	.7									2.3	3.1
NNE	.6	.3	.1									1.0	4.1
NE	.9	1.1	1.2	1.0								4.2	7.1
ENE	.7	2.7	4.2	2.4								9.3	5.5
E	1.8	6.6	13.2	6.6	.1							28.2	8.3
ESE	1.4	7.2	7.3	1.2								17.0	6.9
SE	.8	2.7	3.3	.7								7.4	7.0
SSE	2.0	2.1	1.4	.1								5.7	3.1
S	.9	2.3	2.6	.3								6.1	6.3
SSW	.7	1.0	1.2	.2								3.1	6.1
SW	.2	.9	1.1	.1	.1							2.4	7.4
WSW	.3	.6	.3	.1	.2							1.6	7.3
W	.2	.9	.3	.6	.1							2.7	6.9
WNW	.1	.4	.3	.1								1.0	5.4
NW	.2	.3	.2									.8	5.0
NNW	.3	1.0	.4	.1								1.9	5.6
VARBL													
CALM												5.2	
	12.4	30.1	33.1	13.6	.6							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 17-00 HOMESTEAD AFB FL STATION NAME 67-70, 73-80 YEARS SEP MONTH  
1870-2000 HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	.1	.2								2.0	4.6
NNE	.7	1.2	.2	.3								2.4	5.0
NE	.9	1.4	.6	.3								3.1	5.7
ENE	2.0	4.1	3.7	.6								10.3	6.1
E	3.4	11.4	8.3	.3								26.6	5.2
ESE	3.4	3.2	.9	.3								7.9	4.2
SE	2.2	2.4	.8									5.4	4.4
SSE	1.6	1.4	1.0	.1								4.1	4.8
S	3.7	1.4	.4	.1								5.0	3.7
SSW	1.1	.4	.2									1.8	3.8
SW	.4	.2	.1	.1								.9	4.9
WSW	.7	.9	.2	.2								2.0	4.9
W	1.0	.7	.1		.1							1.9	4.6
WNW	.6	.3	.1									1.0	3.1
NW	.2	.4	.1									.8	4.3
NNW	.8	.7	.1		.1							1.7	4.5
VARBL													
CALM												20.1	
	28.1	31.9	17.0	2.7	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 10020 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS SEP MONTH  
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.2	.1									3.9	3.1
NNE	1.7	.9	.1	.3								3.0	4.4
NE	.4	1.1	.7	.1	.1							2.3	5.3
ENE	2.6	3.2	1.9	.2								8.6	5.0
E	6.1	7.7	7.6	1.0								24.3	5.3
ESE	3.7	3.1	1.3	.1								7.6	4.6
SE	2.4	2.6	.3	.2								5.6	4.2
SSE	1.2	.7	.1	.1								2.1	3.6
S	1.8	1.7	.3									3.1	3.6
SSW	1.4	.1										1.6	2.4
SW	1.7	.3		.3								1.7	4.5
WSW	1.2	.4										1.7	2.6
W	.4	.2										.7	3.0
WNW	.3	.1										.4	2.5
NW	.3	.2										.6	2.6
NNW	.9	.4										1.3	3.4
VARBL													
CALM												31.7	
	29.4	23.9	12.4	2.4	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 11-20 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS  
 CLASS ALL WEATHER MONTH SEP  
 HOURS (L.S.T.) ALL  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	.3	.1	.1							3.7	4.0
NNE	1.1	.9	.2	.1								3.3	4.2
NE	.6	.9	.6	.3	.1							2.5	6.2
ENE	1.4	2.4	2.5	.9								7.2	6.6
E	4.3	7.1	8.8	2.2	.1							22.6	6.6
ESE	2.6	4.1	4.2	1.2	.2							12.1	6.4
SE	1.5	2.3	1.3	.3								6.0	5.8
SSE	1.3	1.2	1.1	.2								3.7	5.3
S	1.4	1.5	1.4	.2								4.6	5.5
SSW	.8	.6	.7	.1								2.2	5.3
SW	.6	.5	.5	.1	.0							1.7	5.6
WSW	.6	.4	.2	.1	.1							1.4	5.0
W	.6	.5	.2	.1	.1	.1						1.6	5.1
WNW	.3	.3	.1	.1	.0	.1						1.0	4.4
NW	.4	.4	.1	.0	.0							.9	4.4
NNW	1.0	.8	.2	.0	.0							.0	4.0
VARBL													
CALM												24.5	
	20.6	25.3	23.0	6.2	.4	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 7200



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 120 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS OCT MONTH  
 CLASS ALL WEATHER 000-2400 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 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	3.1	.2								12.5	5.1
NNE	.6	.2	.5	.2								2.2	5.7
NE	.9	1.5	2.6	1.7								6.7	8.3
ENE	.9	3.1	4.0	2.7	.4							11.1	8.3
E	2.9	5.3	6.2	2.3								18.7	6.9
ESE	1.5	1.4	1.3									4.2	5.0
SE	.3	.6	.2									1.2	4.5
SSE	.3	.3										.5	3.7
S	1.1	.4	.1									1.6	3.1
SSW	.3	.1										.4	2.5
SW	.2	.2	.1									.6	3.7
WSW	.6	.1										.8	2.1
W	.6	.4										1.1	3.3
WNW	.6	.2		.1								1.2	3.6
NW	1.1	.4										1.5	2.4
NNW	2.6	4.7	.9									8.2	4.2
VARBL													
CALM												29.8	
	17.7	25.8	19.0	7.2	.4							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1426 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS  
 MONTH OCT  
 CLASS ALL WEATHER HOURS (L.S.T.) 300-0500  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	8.0	3.2	.4								17.5	4.7
NNE	.6	1.1	1.1	.6								3.4	6.9
NE	.2	1.1	2.0	1.0	.1							3.3	9.2
ENE	.0	3.0	3.4	1.6	.2							8.9	7.9
E	2.0	3.4	4.4	.9								10.8	6.7
ESE	1.2	1.3	.8	.2								4.0	5.2
SE	.3	.3	.3									1.5	4.6
SSE	.4	.5	.2									1.2	4.2
S	.4	.5										1.0	3.3
SSW	.2											.2	2.0
SW	.8											.8	1.7
WSW	.2											.2	2.0
W	.8											.8	1.7
WNW	.4	.4	.1									1.0	3.9
NW	1.1	.3	.3									1.7	3.7
NNW	3.9	5.2	1.1	.2								10.3	4.4
VARBL													
CALM												31.5	
	19.1	26.2	17.0	5.8	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1022 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS 01 MONTH 01  
 CLASS ALL WEATHER HOURS (L.S.T.) 1600-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.9	12.3	4.1	.4								23.7	4.9
NNE	2.3	2.4	.9	.4								5.9	4.8
NE	1.1	1.1	1.9	1.3	.3							5.7	6.1
ENE	.9	2.2	3.7	2.3	.1							8.9	8.5
E	.9	4.2	4.2	1.6								10.9	7.4
ESE	.5	1.7	1.3									3.5	3.6
SE	.6	.4		.1								1.2	3.9
SSE	.8	.3	.1	.1								1.3	4.0
S	.1	.2										.3	4.0
SSW	.4											.4	2.5
SW	.5	.1										.6	2.3
WSW	.1	.1										.2	3.5
W	.6	.1										.9	2.4
WNW	.5	.8										1.3	3.7
NW	.5	1.1										1.6	4.2
NNW	2.2	4.4	2.4	.4								9.4	3.5
VARBL												24.2	
CALM													
	18.9	31.3	18.5	6.7	.4							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE / MAC

# SURFACE WINDS

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

STATION 1 126 HOMESTEAD AFB FL STATION NAME 62-70,73-10 YEARS 201 MONTH 09  
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	5.5	4.5	2.5								14.1	7.4
NNE	.6	3.7	2.9	1.0	.1							7.3	7.1
NE	.6	1.5	3.4	5.1	1.1	.1						11.3	10.8
ENE	.8	2.1	6.1	7.5	.6							17.1	10.3
E	.6	2.2	9.7	4.5	.1							16.0	9.2
ESE	.3	.2	3.2	.5								4.6	8.2
SE	.3	1.3	1.1	.2								3.5	6.5
SSE	.3	.6	.6	.1								1.7	5.4
S	.2	.2	.9									1.2	6.5
SSW	.2	.2	.6	.1								1.7	5.7
SW	.2	.5	.4									1.2	5.9
WSW	.4	.6										1.1	3.6
W	.0	1.1	.6									2.8	5.2
WNW	.5	.3	.2	.1								1.0	4.5
NW	.4	.6	.2	.2								1.5	5.8
NNW	1.1	1.6	2.7	1.1								6.5	7.1
VARBL													
CALM												5.2	
	9.9	23.9	36.1	22.9	1.9	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1402 HOMESTEAD AFB FL STATION NAME 69-70,73-3 YEARS 067  
 CLASS ALL WEATHER MONTH 1969-1970  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 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	1.0	1.3	1.5	.1							4.3	9.0
NNE	.3	.1	1.0	1.0	.2							3.7	10.5
NE	.2	.3	2.4	7.6	1.6	.4						14.0	13.2
ENE	.3	1.6	8.9	9.7	1.3	.1						21.9	11.2
E	.1	3.1	13.2	7.4	.3							24.2	9.7
ESE	.4	2.6	4.3	1.1								8.4	7.9
SE	.2	1.7	1.5	.1								2.3	7.2
SSE	.1	1.3	1.1	.2								2.8	6.6
S	.3	1.3	1.6	.2								3.4	6.9
SSW	.2	.4	.0	.2								1.5	7.4
SW	.4	.2	.8	.3								1.7	6.4
WSW	.2	.3	.4	.1								1.1	6.6
W	.1	1.3	.6	.1								2.2	6.5
WNW	.8	.0	.3									1.8	4.6
NW	.5	1.7	.9	.2								2.6	5.3
NNW	.9	1.6	1.6	.8								4.8	7.0
VARBL													
CALM												1.2	
	5.6	18.1	40.2	30.5	3.9	.5						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 1-26 HOMESTEAD AFB FL STATION NAME: 69-70, 73-80 YEARS: 001  
 CLASS: ALL WEATHER MONTH: 1500-1700  
 HOURS (L.S.T.): 1500-1700  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.3	2.2	1.1								8.3	7.9
NNE	.1	.5	.3	1.5	.1							2.1	19.7
NE	.1	.6	4.5	2.8	1.6							15.7	12.2
ENE	.4	3.7	9.2	8.6	.3	.1						21.7	18.0
E	.9	5.6	13.0	3.4	.1							23.0	8.2
ESE	.8	2.3	2.9									5.9	6.5
SE	.4	1.8	.9									3.1	5.4
SSE	.3	1.2	1.4									2.9	4.5
S	.5	1.5	1.1	.1								3.2	5.9
SSW	.1	1.0	1.5	.1								2.7	7.1
SW	.5	.9	1.1									2.5	5.6
WSW	.1	.5	.3									1.2	5.9
W	.8	1.3	.6									2.7	4.9
WNW	.1	.3	.6									1.1	9.9
NW	.5	.5	.3	.1								1.5	5.6
NNW	.3	1.0	1.5	.2								3.0	7.2
VARBL													
CALM												1.6	
	6.6	23.4	41.9	24.0	2.2	.1						120.8	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAO

### SURFACE WINDS

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

STATION: 11028 STATION NAME: HOMESTEAD AFB FL YEARS: 69-70, 73-80 MONTH: JUL  
 CLASS: ALL WEATHER HOURS (L.S.T.): 1800-0100  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	2.9	2.4	.4	.1							7.3	6.0
NNE	.4	2.6	3.2	1.5								7.0	7.8
NE	1.1	4.2	6.7	4.5	.9							16.8	9.0
ENE	1.0	7.0	6.5	2.9	.4							18.7	7.4
E	3.7	7.3	5.3	1.2								17.4	6.0
ESE	1.3	.9	.3									2.4	3.5
SE	.5	.4	.2									1.2	4.5
SSE	1.3	.3	.1									1.7	2.9
S	1.5	1.4	.1									3.0	3.4
SSW	1.1	.9										1.9	3.3
SW	.5	.5	.2									1.3	3.9
WSW	1.0	.3										1.3	3.0
W	.8	1.0	.3									2.0	4.6
WNW	.6	.3	.1	.1								1.2	4.6
NW	.1	.2	.3									.6	4.0
NNW	.5	.8	.3									1.6	4.5
VARBL													
CALM												14.5	
	17.8	30.9	25.8	9.6	1.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

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

# SURFACE WINDS

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

STATION 1726 HOMESTEAD AFB FL STATION NAME 69-70,73-85 YEARS 061 MONTH 0100-2300  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.1	3.5									11.4	5.4
NNE	1.2	2.5	1.8	.4	.2							6.2	5.5
NE	1.7	2.1	2.1	2.7	.3							7.4	5.3
ENE	2.2	3.8	6.6	2.6	.4	.1						15.6	6.0
E	3.5	7.4	6.2	1.9	.1							17.2	6.5
ESE	.8	1.2	.8									2.7	5.3
SE	.9	1.1										1.8	3.6
SSE	.6	.1										.8	2.1
S	.9	.3										1.2	2.8
SSW	.5											.5	2.0
SW	.6											.6	2.0
WSW	1.1	.4										1.5	2.9
W	.6	.7	.1									1.6	3.8
WNW	1.1	.3	.1									1.5	3.1
NW	.5	.3										.9	3.5
NNW	1.4	2.0	.6									4.1	4.4
VARBL													
CALM												72.9	
	19.7	27.4	21.8	7.0	1.1	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 11528 HOMESTEAD AFB FL STATION NAME 69-76.73-00 YEARS 201  
 MONTH ALL  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.3	3.1	.9	.	.	.	.	.	.	.	12.0	6.7
NNE	.8	1.7	1.5	.8	.1	.	.	.	.	.	.	4.3	7.2
NE	.6	1.6	3.2	4.7	.7	.1	.	.	.	.	.	10.3	10.4
ENE	1.2	3.2	6.0	4.7	.5	.0	.	.	.	.	.	15.5	9.2
E	1.8	4.9	7.6	2.9	.1	.	.	.	.	.	.	17.4	7.7
ESE	.3	1.6	1.8	.2	.	.	.	.	.	.	.	4.5	6.3
SE	.5	.9	.9	.1	.	.	.	.	.	.	.	2.0	5.5
SSE	.5	.6	.4	.1	.	.	.	.	.	.	.	1.6	5.2
S	.6	.7	.5	.0	.	.	.	.	.	.	.	1.9	4.9
SSW	.5	.3	.3	.1	.	.	.	.	.	.	.	1.2	5.3
SW	.5	.3	.3	.0	.	.	.	.	.	.	.	1.2	4.8
WSW	.5	.3	.1	.0	.	.	.	.	.	.	.	.9	3.9
W	.7	.8	.3	.0	.	.	.	.	.	.	.	1.7	4.6
WNW	.6	.5	.2	.0	.	.	.	.	.	.	.	1.3	4.3
NW	.6	.6	.3	.1	.	.	.	.	.	.	.	1.5	4.8
NNW	1.6	2.7	1.4	.3	.	.	.	.	.	.	.	6.0	3.4
YARBL													
CALM												15.4	
	14.4	25.9	27.6	14.2	1.5	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 1 428 HOMESTEAD AFB FL STATION NAME 69-70, 73-99 YEARS NOV  
 CLASS ALL WEATHER MONTH NOV  
 HOURS (L.S.T.) 0000-2400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.4	7.9	5.1	1.7								13.7	5.9
NNE	1.1	.3	.6	.1								2.0	5.0
NE	.6	.8	.9	.6	.1							2.9	5.1
ENE	.9	2.1	4.8	.6								3.2	7.5
E	2.9	5.2	6.8	1.0								15.9	6.7
ESE	.9	4.1	2.2									7.2	5.6
SE	.3	1.0	.3									2.1	4.4
SSE	.7	.2										1.4	3.3
S	.7	.2										.9	2.9
SSW	.7											.7	2.5
SW	.6	.1										.7	2.8
WSW	.3	.2										.6	3.0
W	.3	.1										.4	3.0
WNW	1.2	.1										1.3	2.3
NW	2.3	.8	.1									3.2	2.9
NNW	1.9	3.0	2.1	.3								7.3	5.6
VARBL													
CALM												25.9	
	19.8	27.1	22.9	4.2	.1							102.0	4.3

TOTAL NUMBER OF OBSERVATIONS 420

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1-26 HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS NOV  
 CLASS ALL WEATHER MONTH 300-0500  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥36	%	MEAN WIND SPEED
N	0.6	1.8	6.7	1.4								24.8	5.5
NNE	1.7	1.6	.1									2.1	3.9
NE	.3	.6	.7	.8	.1							2.4	4.0
ENE	1.2	2.2	3.7	.8								7.0	6.7
E	1.6	4.9	4.8	1.0								12.2	6.5
ESE	2.2	3.3	2.4									8.3	5.2
SE	.9	.9										1.7	3.3
SSE	.0	.4										1.3	3.1
S	.6	.6										1.1	3.7
SSW	.6	.4										1.0	2.6
SW		.1	.1									.2	0.5
WSW	.1	.1										.2	4.0
W	.7											.7	2.0
WNW	.7	.3										1.0	2.8
NW	1.7	.3	.1									1.4	3.2
NNW	4.4	3.8	2.1	.6	.1							11.0	5.0
VARBL													
CALM												23.8	
	22.7	29.4	19.3	4.6	.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 400

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1420 HOMESTEAD AFB FL STATION NAME 69-70,73-20 YEARS NOV  
 CLASS ALL WEATHER MONTH 0500-0800  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	11.2	3.7	2.8								23.9	6.1
NNE	1.2	.9	.7									3.4	4.0
NE	.7	.7	1.1	.4								2.9	7.0
ENE	1.1	1.6	2.7	1.7								7.0	7.8
E	2.3	4.6	3.3	.6								12.8	6.2
ESE	1.1	2.2	1.7	.1								5.1	5.9
SE	.6	1.4	.6									2.6	5.2
SSE	.6	.4	.2									1.2	4.4
S	1.2	.3										1.3	2.4
SSW	.3	.2										.6	3.2
SW		.2										.2	3.5
WSW	.2	.2										.4	3.5
W	.3	.1	.1									.6	4.0
WNW	.3	.2										1.0	3.1
NW	.2	.3										.6	3.4
NNW	2.6	3.3	1.3	.9	.1							8.2	5.8
VARBL													
CALM												23.2	
	20.0	28.6	21.7	6.4	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

12-28 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS NOV MONTH  
 CLASS ALL WEATHER 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	5.2	2.1	7.6	.1							23.7	9.0
NNE	.4	3.2	2.3	.6								3.6	6.6
NE	1.1	.9	1.1	.7	.2							3.9	7.6
ENE	.3	1.3	3.9	6.7	.3							13.0	10.9
E	.3	3.3	2.4	6.1								18.2	9.3
ESE	.4	1.9	4.8	1.8								8.9	8.5
SE		1.1	2.2	.7								4.0	6.3
SSE	.3	.3	2.4	.2								3.3	7.2
S	.6	1.2	.4	.2								2.2	5.9
SSW	.2	.5	.3	.1								1.2	6.1
SW	.3		.3	.1								.8	6.0
WSW		.4	.3									.6	7.3
W	.1	.3	.1									1.0	5.1
WNW	.4	.5	.2									1.2	4.4
NW	.2	1.2	.4									1.9	5.2
NNW	.9	1.2	2.4	1.1	.1	.1						5.9	3.2
VARBL													
CALM												3.3	
	6.9	24.1	38.9	25.8	1.2	.1						100.3	8.3

TOTAL NUMBER OF OBSERVATIONS 970

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 10020 HOMESTEAD AFB FL STATION NAME 69-70,73-90 YEARS  
 CLASS ALL WEATHER MONTH NOV  
 HOURS (L.S.T.) 1200-1400  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	4.7	4.9	.1							11.9	9.8
NNE	.1	1.1	2.1	1.1								4.4	5.8
NE		.3	2.7	3.2	.2							5.8	11.7
ENE		.7	7.0	10.9	1.0							19.6	11.6
E	.3	2.4	14.4	6.1								23.3	9.3
ESE	.1	2.6	4.2	1.8								8.7	8.5
SE	.2	1.3	2.9	.7								5.2	7.8
SSE		.3	1.8	.2								2.8	8.4
S	.4	1.0	1.4	.6								3.4	7.3
SSW	.8	.5	.6									1.9	4.6
SW	.2	.6	.8	.1								1.7	7.0
WSW	.2	.6	.3									1.1	5.3
W	.4	.7	.4	.1								1.7	6.1
WNW	.2	.7	.1									1.0	4.7
NW	.1	.8	1.0									1.9	9.5
NNW		1.2	1.9	2.1	.2							5.4	9.9
VARBL													
CALM												.2	
	3.8	17.0	45.7	31.8	1.6							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

1920 STATION HOMESTEAD AFB FL STATION NAME 69-70.73-65 YEARS NOV MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.3	4.2	2.2	.1							5.7	9.1
NNE	.1	.6	1.2	1.0								2.9	9.3
NE	.1	.9	4.1	4.6	.3							10.0	10.6
ENE	.2	2.7	12.2	7.4								22.6	9.6
E	1.3	5.7	11.4	2.8	.1							21.3	7.9
ESE	.6	3.1	4.2	.6								8.4	6.9
SE	.5	1.7	2.3	.1								4.9	6.5
SSE	.2	1.2	1.8	.1								3.3	6.7
S	.2	1.9	1.7									3.8	6.4
SSW	.1	.7	.9									1.7	6.5
SW	.3	.3	.6	.1								1.3	6.7
WSW		.1	.1	.1								.3	8.0
W	.2	1.0	.3									1.6	5.0
WNW	.3	.7	.1									1.1	4.4
NW	.4	.6	.3	.3								1.7	6.5
NNW	.8	2.0	2.3	.8								5.9	7.0
VARBL													
CALM												.6	
	6.1	24.8	47.9	20.1	.6							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 17526 STATION NAME HOMESTEAD AFB FL YEARS 60-70, 73-80 MONTH NOV  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.1	5.0	1.3								13.7	6.5
NNE	.9	3.1	.8	.3								5.1	5.5
NE	1.6	4.1	4.2	1.0								10.9	6.7
ENE	3.5	6.2	6.6	1.6	.1							17.7	6.4
E	3.9	7.0	4.0	.6								16.4	5.2
ESE	1.9	2.7	.1	.1								4.1	3.9
SE	2.2	.6	.2									3.0	3.0
SSE	1.0	.9										1.9	3.2
S	1.3	1.1										2.5	3.2
SSW	.8	.6	.1									1.4	3.5
SW	1.1	.4	.1									1.7	3.0
WSW	.7	.3		.1								.8	4.7
W	1.1	1.1	.1									2.3	3.0
WNW	.8	.7										1.4	3.3
NW	.4	.1	.3									.9	5.0
NNW	1.3	1.8	.7	.2								4.0	4.9
VARBL													
CALM												12.0	
	25.4	34.9	22.3	5.2	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 897



GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1 26 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-50 YEARS NOV MONTH 2100-2300 HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	6.7	3.9	1.4		.1						17.7	6.3
NNE	1.9	1.1	.2	.1								3.3	4.1
NE	.9	1.1	2.0	.8								4.5	7.2
ENE	1.7	3.5	4.1	2.1	.2							11.7	7.7
E	4.1	5.2	6.9	1.9	.1							19.3	6.5
ESE	1.7	1.9	1.7	.3								4.9	5.1
SE	1.2	.7	.3									2.2	3.4
SSE	1.1	.1	.1									1.3	2.9
S	.7	.3										1.0	3.6
SSW	.1											.1	1.0
SW	.8	.7										1.5	2.8
WSW	.6	.2										.8	2.7
W	1.4	.7										2.1	3.1
WNW	.8	.8										1.6	3.1
NW	.6	.3	.1									1.0	3.4
NNW	2.1	1.1	1.7	.6								5.4	5.7
VARBL													
CALM												21.7	
	23.2	25.0	22.4	7.2	.3	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 897

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ALL WEATHER SERVICE/MAL

# SURFACE WINDS

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

STATION 1 25 HOMESTEAD AFB FL STATION NAME 59-70,73-23 YEARS NOV  
 MONTH NOV  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	6.3	5.7	2.9	.7	.7						11.0	6.9
NNE	.9	1.5	1.7	.4								3.5	0.1
NE	.7	1.2	2.1	1.5	.1							5.4	8.6
ENE	1.1	2.5	5.5	4.7	.7							13.3	8.9
E	2.1	5.7	7.8	2.5	.7							17.4	7.4
ESE	1.1	2.6	2.6	.6								6.9	6.5
SE	.3	1.1	1.1	.2								3.2	5.8
SSE	.6	.7	.3	.1								1.1	5.7
S	.7	.8	.4	.1								2.0	5.1
SSW	.4	.4	.2	.0								1.1	4.5
SW	.4	.3	.2	.0								.9	5.0
WSW	.2	.3	.1	.0								.6	4.8
W	.5	.6	.1	.1								1.3	4.2
WNW	.7	.5	.1									1.2	3.4
NW	.7	.6	.3	.0								1.6	4.5
NNW	1.3	2.2	1.8	.8	.1	.0						0.5	6.3
VARBL													
CALM												13.6	
	16.0	26.4	30.1	13.2	.5	.0						110.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7194

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1528 HUMFSTEAL AFB FL STATION NAME 63-70,73-79 YEARS 216 MONTH 010-1200  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.8	7.7	4.7	1.0								1.0	5.0
NNE	1.5	1.7	.1									2.0	3.2
NE	1.7	.5	.6	.2								2.4	3.7
ENE	1.0	.1	.8	.8								2.2	6.8
E	1.9	4.2	3.7	2.2								11.2	7.1
ESE	1.2	3.1	2.6	.3								7.2	6.5
SE	1.9	1.7	1.5									4.7	5.1
SSE	.5	.8	.4	.1								1.0	5.4
S	1.0	.8	.2									2.9	3.3
SSW	.9	.2										1.1	2.7
SW	.3	.4	.3									1.1	5.2
WSW	.4	.7	.1									.9	3.4
W	.7	.1	.1									.5	4.7
WNW	1.2	.5	.4									2.2	4.1
NW	1.7	1.3	.5									2.9	4.3
NNW	2.5	4.7	2.2	.9								9.8	5.8
VARBL													
CALM												78.3	
	21.8	26.6	17.0	6.3								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 23

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 11000 HOMESTEAD AFB FL STATION NAME 64-70, 73-79 YEARS DEC MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-1800  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	7.2	3.9	4.7	1.7								22.5	5.3
NNE	.6	.2	.1	.1								1.5	4.1
NE		.2	.6	.4								1.3	4.6
ENE	.6	.3	1.2	.5								2.7	7.4
E	2.2	2.3	3.4	1.6								10.9	6.8
ESE	1.5	2.4	1.7	.1								5.7	5.3
SE	1.6	1.6	.6									3.9	4.3
SSE	1.5	1.7	.6	.1								2.2	4.5
S	1.7	.9	.4									2.3	4.2
SSW	.3	.3	.4									1.1	4.9
SW	.5	.2	.1									.9	3.9
WSW		.2										.2	4.5
W	.5	.4	.2									1.3	4.7
WNW	.2	.2	.1	.1								.3	5.9
NW	1.2	.3	.4	.1								2.5	4.7
NNW	2.9	3.7	2.6	.8								9.9	5.6
VARBL													
CALM												70.2	
	22.2	24.6	17.4	5.6								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 53

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1-20 STATION HOMESTEAD AFB FL 60-70, 73-79 YEARS DEC MONTH  
1970-1979 HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.7	12.2	6.2	1.9								25.2	5.6
NNE	1.9	1.6	.2									3.7	3.7
NE	.5	.4	.4	.2								1.6	0.1
ENE	.6	.5	1.7	.5								3.0	7.5
E	1.5	2.5	3.4	1.5								3.9	7.3
ESE	1.7	1.9	1.5	.3								3.5	3.4
SE	1.3	1.4	1.7									3.7	4.9
SSE	1.5	.5	.3									2.5	3.4
S	.9	1.2	.6									2.7	3.0
SSW	.4	.3	.3	.1								1.2	5.6
SW	.2	.6	.4	.2								1.5	6.6
WSW	.4	.4										.9	3.5
W	.4	.3	.1									.9	3.9
WNW	.1	.1	.1	.2								.5	7.4
NW	.1	.8	.4	.2								1.5	6.5
NNW	2.1	4.1	2.2	.5								3.8	5.5
VARBL													
CALM												28.1	
	20.6	26.9	18.6	5.8								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 935

SECIAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 11800 HOMESTEAD AFB FL STATION NAME 65-76, 77-79 YEARS 65  
 CLASS ALL STATED MONTH 05  
 HOURS (L.S.T.) 0000-1100  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	8.3	1.6	4.2	.1							7.1	7.7
NNE	1.4	3.7	2.4	.3								7.1	6.4
NE	1.1	.5	.5	1.6	.1							4.6	4.4
ENE	.3	.6	2.4	1.7	.5							4.8	4.6
E	.4	2.7	6.6	4.7								13.7	9.3
ESE	.2	1.7	4.2	1.7								3.4	4.3
SE	.1	1.4	2.7	.4	.1							4.7	7.9
SSE	.5	.9	2.8	.3								4.0	7.2
S	.2	1.2	2.7	1.4								4.9	9.7
SSW	.4	.4	.9	.6								2.4	6.2
SW	.1	.3	.6	.1	.1							1.3	3.3
WSW	.2	.2	.4		.1							1.5	5.6
W	.5	.3	1.7	.2								2.0	6.7
WNW	.2	.3	.8	.1								1.4	7.3
NW	.3	.4	.9	1.0	.1							2.6	9.1
NNW	.4	1.8	2.5	1.2								5.9	7.7
VARBL													
CALM												5.7	
	9.6	24.3	41.1	16.2	1.2							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

10-26 STATION HOMESTEAD AFB FL 63-72, 73-79 YEARS DEC MONTH  
1960-1969 HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	2.2	4.9	3.1	.3							11.1	3.1
NNE	.4	1.5	2.3	.6								4.8	7.9
NE	.1	1.1	1.8	2.5	.1							5.6	10.3
ENE	.3	1.2	4.2	3.1	.4	.1						9.4	10.1
E	.6	2.8	11.3	6.3	.3							21.4	7.4
ESE	.4	1.3	4.2	2.6								3.5	9.2
SE	.1	1.3	3.8	1.7		.1						6.2	5.6
SSE	.4	1.3	1.6	.8								4.1	7.7
S		1.4	2.3	1.2								4.6	8.8
SSW		.4	1.6	2.2	.2							4.4	10.7
SW		.5	1.3	1.0								2.8	9.1
WSW		.5	.3	.6								1.5	6.7
W		.4	1.1	.6								2.2	2.8
WNW	.2	.3	.6	.9								3.0	5.5
NW		.5	2.8	.8	.1							4.2	9.1
NNW	.1	1.6	2.7	1.6	.4							5.6	9.4
VARBL													
CALM												1.2	
	3.3	18.4	46.1	28.8	1.9	.2						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 17005 HOMESTEAD AFB FL STATION NAME 68-70, 73-79 YEARS DEC MONTH  
 CLASS ALL WEATHER 1968-1970  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	3.4	2.0	.1							7.6	8.8
NNE	.1	1.7	2.2	1.5	.1							4.9	7.2
NE	.2	.5	2.5	2.5								5.7	9.9
ENE	.7	3.1	5.3	3.2	.4							12.4	9.0
E	.0	7.0	10.8	3.2	.1							21.9	7.9
ESE	.4	3.3	1.7	.8								9.2	8.8
SE	.6	2.5	2.8	.5								6.5	7.2
SSE	.4	1.4	1.7	.4								4.0	6.9
S		3.2	1.7	.4								5.4	6.8
SSW		.9	3.8	.4	.1							5.1	8.7
SW	.1	.5	1.2	.3	.1							2.3	8.5
WSW	.2	.1	.3	.4								1.5	9.0
W	.2	.5	.6	1.0								2.4	9.0
WNW	.1	.5	.8	.9	.1							2.4	9.1
NW		.3	1.2	.5								2.3	8.1
NNW	.8	1.9	2.8	1.5								7.0	8.0
VARBL													
CALM												1.0	
	4.6	29.5	44.2	19.7	1.1							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 93



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 17026 BOSTON AFB FL STATION NAME 65-70, 73-79 YEARS  
 CLASS ALL WEATHER MONTH DEC  
 HOURS (L.S.T.) 1800-0000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.4	5.5	3.4	1.5								13.5	6.0
NNE	1.3	1.7	1.1	.1								4.2	5.3
NE	1.7	2.6	1.3	.5								6.7	5.8
ENE	2.7	4.5	1.9	1.3								10.3	5.7
E	3.1	4.4	4.6	1.4								13.6	6.2
ESE	1.3	2.3	.8									4.3	4.6
SE	1.8	.9	.6	.2								3.6	4.4
SSE	1.5	1.1	.2									2.8	3.6
S	1.9	1.3		.1								3.3	3.5
SSW	1.3	1.5	.2									3.0	3.8
SW	1.4	1.2	.2									2.6	4.0
WSW	.3	.4										.8	3.1
W	.6	1.7	.4	.2								3.0	5.1
WNW	.2	1.0	.4	.2								2.4	5.3
NW	.4	1.1	.3	.2								2.0	6.0
NNW	.9	2.6	.8	.3	.1							4.6	6.0
VARBL													
CALM												18.6	
	24.6	33.7	16.5	6.1	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 17825 HOMESTEAD AFB FL STATION NAME 68-73-79 YEARS DEC MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	6.5	5.8	1.0								10.4	6.1
NNE	1.4	.9	.6	.3	.1							3.3	5.5
NE	1.1	1.3	.6	.3								3.3	5.4
ENE	1.3	1.0	1.3	.6	.1	.1						4.4	7.3
E	2.7	4.7	4.6	2.2	.1							14.3	7.0
ESE	1.0	2.0	1.1									4.1	5.0
SE	1.7	.6	1.3									3.7	4.6
SSE	1.7	.5	.1									2.4	3.1
S	.8	.6	.3									1.7	4.3
SSW	1.2	.3	.1									1.6	2.5
SW	.6	.2										.9	3.1
WSW	.4	.4										.9	3.0
W	.4	1.2		.1								1.7	4.4
WNW	1.4	1.4	.4									3.2	4.4
NW	1.7	1.2	.3	.2								2.7	5.2
NNW	2.0	2.8	2.6	.2								7.7	5.6
VARBL													
CALM												27.2	
	22.3	25.8	19.3	5.0	.3	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 17326 HOMESTEAD AFB FL STATION NAME 68-70, 73-79 YEARS 265 MONTH ALL  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	6.4	5.4	2.2	.1							17.6	6.5
NNE	1.1	1.4	1.1	.4	.5							4.0	6.1
NE	.7	.9	1.1	1.0	.7							3.8	7.9
ENE	.9	1.8	2.3	1.4	.2	.1						6.3	9.1
E	1.7	3.0	6.0	2.8	.1							14.4	7.8
ESE	1.0	2.3	2.4	.7								6.5	6.7
SE	1.1	1.3	1.8	.3	.5	.5						4.5	6.2
SSE	1.0	.9	1.0	.2								3.2	3.6
S	.8	1.3	1.0	.4								3.5	6.2
SSW	.6	.5	.9	.4	.1							2.5	7.1
SW	.4	.5	.5	.2	.1							1.7	6.5
WSW	.3	.3	.2	.1	.5							1.0	5.9
W	.4	.6	.4	.3								1.7	6.3
WNW	.5	.6	.5	.3	.1							1.9	6.4
NW	.5	.8	.8	.4	.5							2.6	6.9
NNW	1.5	2.8	2.2	.9	.1							7.4	6.5
VARBL													
CALM												17.5	
	16.1	26.2	27.6	11.9	.6	.0						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1120 HOMESTEAD AFB FL STATION NAME 68-70.73-80 YEARS ALL  
 MONTH ALL  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.4	2.6	1.0	.0	.0						9.2	0.2
NNE	.0	1.7	.6	.2	.0	.0						2.6	5.8
NE	.5	.8	1.0	1.0	.1	.0						3.4	0.5
ENE	.4	1.3	2.9	2.1	.2	.0						7.9	8.4
E	2.4	5.1	7.3	2.9	.1	.0						17.8	7.4
ESE	1.9	3.4	3.8	1.1	.0	.0						10.2	6.7
SE	1.2	1.9	2.1	.5	.0	.0						5.6	6.4
SSE	1.1	1.3	1.4	.3	.0	.0						4.2	6.1
S	1.3	1.4	1.4	.4	.0	.0						4.6	6.9
SSW	.7	.7	.7	.3	.0	.0						2.5	6.5
SW	.5	.5	.4	.2	.0	.0						1.7	6.1
WSW	.5	.4	.3	.2	.0	.0						1.4	5.9
W	.7	.7	.6	.3	.0	.0						2.3	6.4
WNW	.6	.5	.3	.1	.0	.0						1.6	5.6
NW	.5	.6	.5	.2	.0	.0						1.8	5.7
NNW	1.3	1.7	1.2	.5	.0	.0						4.6	5.9
VARBL													
CALM												18.6	
	17.1	25.1	27.1	11.2	.8	.0						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 87635

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1925 STATION HOMESTAD AFB FL STATION NAME 03-70.73-20 YEARS ALL MONTH ALL  
 INSTRUMENT CIG 200 TO 1400 FT. w/ VSBY 1/2 MI OR MORE. CLASS AND/OR VSBY 1/2 TO 2-1/2 MI w/ CIG 200 FT OR MORE. CONDITION  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥36	%	MEAN WIND SPEED
N	2.5	7.1	10.6	6.4	.2	.1						78.9	0.4
NNE	.9	1.7	.9	.6	.2							4.2	7.1
NE	.1	.5	.7	.5	.2							4.1	7.6
ENE	.2	.6	.9	1.4								3.2	9.4
E	.2	1.7	1.6	1.1	.2							4.1	9.0
ESE	.7	.5	.5	.4	.1							1.8	8.1
SE	.2	.4	.9	.5								1.9	0.5
SSE	.3	.6	1.1	.9								2.9	5.4
S	.5	1.2	1.1	.6	.2							3.3	7.8
SSW	.7	.7	.2	.5	.2							2.2	6.9
SW	.8	.5	.5	.2	.2							2.1	6.4
WSW	.3	.8	.8	.7	.2							3.4	0.2
W	.3	.3	1.7	.8	.1	.1						4.3	0.0
WNW	.5	1.4	.3	.9	.2							3.3	7.6
NW	.9	1.6	1.5	.8	.2							5.1	7.3
NNW	1.5	4.8	5.7	3.2	.3	.1						15.6	7.9
VARBL													
CALM												13.6	
	11.1	24.2	22.2	19.6	2.2	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1296

## PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  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  $> 1$  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.



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10520  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0	
NO CEILING																	
≥ 2000		74.5	75.3	75.7	75.8	75.8	75.8	76.0	76.1	76.2	76.3	76.6	76.9	76.9	77.0	77.1	
≥ 1800		75.8	76.6	77.0	77.2	77.2	77.2	77.4	77.4	77.6	77.7	78.1	78.3	78.3	78.4	78.5	
≥ 1600		75.8	76.6	77.0	77.2	77.2	77.2	77.4	77.4	77.6	77.7	78.0	78.3	78.3	78.4	78.5	
≥ 1400		75.9	76.7	77.1	77.3	77.3	77.3	77.5	77.5	77.7	77.8	78.1	78.4	78.4	78.5	78.6	
≥ 1200		76.5	77.3	77.7	78.0	78.0	78.0	78.2	78.2	78.4	78.5	78.7	79.0	79.0	79.1	79.2	
≥ 1000		79.0	79.9	80.5	80.9	80.9	80.9	81.3	81.3	81.5	81.6	81.8	82.2	82.2	82.3	82.4	
≥ 900		79.5	80.3	81.0	81.3	81.3	81.3	81.7	81.7	81.9	82.0	82.3	82.6	82.6	82.7	82.8	
≥ 800		82.5	83.3	84.0	84.3	84.3	84.3	84.7	84.7	84.9	85.1	85.3	85.6	85.6	85.7	85.8	
≥ 700		83.8	84.6	85.3	85.6	85.6	85.6	86.0	86.0	86.2	86.3	86.6	86.9	86.9	87.0	87.1	
≥ 600		84.7	85.6	86.2	86.6	86.6	86.6	87.0	87.0	87.2	87.3	87.5	87.8	87.8	88.0	88.1	
≥ 500		86.8	87.6	88.4	88.7	88.7	88.7	89.1	89.1	89.4	89.5	89.7	90.0	90.0	90.1	90.2	
≥ 450		88.7	89.6	89.9	89.9	89.9	89.9	90.3	90.3	90.5	90.6	90.9	91.2	91.2	91.3	91.4	
≥ 400		90.1	91.1	91.9	92.4	92.4	92.4	92.8	92.8	93.1	93.1	93.3	93.7	93.7	93.8	93.9	
≥ 350		91.1	92.0	92.9	93.3	93.3	93.3	93.8	93.8	94.0	94.1	94.3	94.6	94.6	94.7	94.8	
≥ 300		92.4	93.3	94.2	94.6	94.6	94.6	95.1	95.1	95.3	95.4	95.6	95.9	95.9	96.0	96.1	
≥ 250		93.2	94.1	95.0	95.8	95.8	95.8	96.2	96.2	96.5	96.6	96.8	97.1	97.1	97.2	97.3	
≥ 200		93.7	94.6	95.5	96.2	96.2	96.2	96.7	96.7	96.9	97.0	97.2	97.5	97.5	97.6	97.7	
≥ 180		93.7	94.6	95.5	96.2	96.2	96.2	96.7	96.7	96.9	97.0	97.2	97.5	97.5	97.6	97.7	
≥ 150		93.9	94.8	95.7	96.5	96.5	96.5	96.9	96.9	97.1	97.2	97.4	97.7	97.7	97.8	97.9	
≥ 120		94.1	95.0	96.1	96.7	96.7	96.7	97.1	97.1	97.3	97.4	97.6	98.0	98.0	98.1	98.2	
≥ 100		94.4	95.3	96.6	97.1	97.1	97.1	97.5	97.5	97.7	97.8	98.1	98.4	98.4	98.5	98.6	
≥ 90		94.4	95.3	96.6	97.1	97.1	97.1	97.5	97.5	97.8	98.0	98.2	98.5	98.5	98.6	98.7	
≥ 80		94.4	95.3	96.6	97.1	97.1	97.1	97.5	97.5	97.8	98.0	98.2	98.5	98.5	98.6	98.7	
≥ 70		94.4	95.3	96.6	97.1	97.2	97.2	97.6	97.6	98.0	98.1	98.3	98.6	98.6	98.7	98.8	
≥ 60		94.5	95.4	96.8	97.3	97.4	97.4	97.8	97.8	98.2	98.3	98.5	98.8	98.8	98.9	99.0	
≥ 50		94.5	95.4	97.0	97.5	97.6	97.6	98.1	98.1	98.4	98.5	98.7	99.0	99.0	99.1	99.2	
≥ 40		94.5	95.4	97.0	97.5	97.6	97.7	98.2	98.2	98.6	98.7	98.9	99.2	99.2	99.4	99.5	
≥ 30		94.5	95.4	97.0	97.5	97.6	97.7	98.2	98.2	98.6	98.7	98.9	99.2	99.2	99.4	99.5	
≥ 20		94.5	95.4	97.0	97.5	97.6	97.7	98.3	98.4	98.9	99.0	99.2	99.6	99.6	99.7	99.9	
≥ 10		94.5	95.4	97.0	97.5	97.6	97.7	98.3	98.4	98.9	99.0	99.2	99.6	99.6	99.8	100.0	
≥ 0		94.5	95.4	97.0	97.5	97.6	97.7	98.3	98.4	98.9	99.0	99.2	99.6	99.6	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17826  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

JAN.  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0	≥ 0
≥ 2000	68.1	68.9	69.4	69.8	69.9	70.7	70.1	70.1	70.4	70.5	70.6	70.8	70.8	70.8	70.8	71.0
≥ 1800	70.2	71.2	71.6	72.0	72.2	72.4	72.5	72.5	72.6	72.9	73.0	73.1	73.1	73.1	73.1	73.7
≥ 1600	70.2	71.2	71.6	72.0	72.2	72.4	72.5	72.5	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.7
≥ 1400	70.2	71.2	71.6	72.0	72.2	72.4	72.5	72.5	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.7
≥ 1200	71.0	71.9	72.4	72.8	72.9	73.1	73.2	73.2	73.5	73.7	73.8	73.9	73.9	73.9	73.9	74.4
≥ 1000	73.4	74.5	74.9	75.4	75.5	75.7	75.8	75.8	76.1	76.2	76.3	76.5	76.5	76.5	77.0	77.0
≥ 800	73.5	74.6	75.1	75.5	75.6	75.8	75.9	75.9	76.2	76.3	76.5	76.6	76.6	76.6	77.1	77.1
≥ 600	75.3	76.5	77.0	77.4	77.5	77.7	77.8	78.0	78.3	78.4	78.5	78.6	78.6	78.6	79.1	79.1
≥ 400	76.5	77.6	78.2	78.6	78.7	78.9	79.0	79.1	79.5	79.6	79.7	79.8	79.8	79.8	80.3	80.3
≥ 200	77.3	78.5	79.0	79.5	79.6	79.8	79.9	80.0	80.3	80.4	80.5	80.6	80.6	80.6	81.2	81.2
≥ 100	80.4	81.6	82.3	82.7	82.8	83.0	83.1	83.2	83.5	83.7	83.8	83.9	83.9	83.9	84.4	84.4
≥ 50	81.7	82.9	83.5	84.0	84.1	84.3	84.4	84.5	84.8	84.9	85.1	85.2	85.2	85.2	85.7	85.7
≥ 25	85.6	87.1	87.6	88.1	88.2	88.4	88.5	88.6	88.9	89.0	89.1	89.2	89.2	89.2	89.8	89.8
≥ 15	85.6	87.7	88.4	88.8	88.9	89.1	89.2	89.4	89.7	89.8	89.9	90.0	90.0	90.0	90.5	90.5
≥ 10	88.0	89.1	89.6	90.3	90.4	90.6	90.8	90.9	91.2	91.3	91.4	91.5	91.5	91.5	92.0	92.0
≥ 5	88.4	89.7	90.3	90.9	91.0	91.2	91.3	91.4	91.7	91.8	91.9	92.0	92.0	92.0	92.6	92.6
≥ 3	89.1	90.5	91.4	91.9	92.0	92.3	92.4	92.5	92.8	92.9	93.0	93.1	93.1	93.1	93.8	93.8
≥ 2	89.1	90.8	91.7	92.3	92.4	92.6	92.8	92.9	93.2	93.3	93.4	93.5	93.5	93.5	94.2	94.2
≥ 1	89.4	91.0	91.9	92.5	92.6	92.8	93.0	93.1	93.4	93.5	93.7	93.8	93.8	93.8	94.4	94.4
≥ .5	89.7	91.3	92.3	92.8	92.9	93.2	93.4	93.5	93.9	94.0	94.1	94.2	94.2	94.2	94.8	94.8
≥ .25	89.9	91.5	92.5	93.0	93.1	93.4	93.7	93.8	94.1	94.2	94.3	94.4	94.4	94.4	95.1	95.1
≥ .15	90.3	91.9	92.9	93.4	93.7	94.0	94.2	94.3	94.6	94.7	94.8	94.9	94.9	94.9	95.6	95.6
≥ .1	90.5	92.2	93.1	93.7	93.9	94.2	94.4	94.5	94.8	94.9	95.1	95.2	95.2	95.2	95.8	95.8
≥ .05	90.9	92.6	93.7	94.3	94.5	94.8	95.1	95.2	95.5	95.6	95.7	95.8	95.8	95.8	96.5	96.5
≥ .025	91.0	92.8	93.9	94.5	94.7	95.1	95.3	95.4	95.7	95.8	95.9	96.0	96.0	96.0	96.7	96.7
≥ .01	91.3	93.3	94.4	95.2	95.4	95.7	96.1	96.2	96.7	96.8	96.9	97.1	97.1	97.1	97.7	97.7
≥ .005	91.3	93.4	94.6	95.9	96.1	96.5	96.9	97.0	97.4	97.5	97.6	97.8	97.8	97.8	98.6	98.6
≥ .002	91.3	93.4	94.6	95.9	96.1	96.5	96.9	97.0	97.5	97.6	97.7	98.1	98.2	98.4	99.0	99.0
≥ .001	91.3	93.4	94.6	95.9	96.1	96.5	96.9	97.0	97.5	97.6	97.7	98.1	98.2	98.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17226  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-30  
 YEARS

JAN  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1600-0600  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 2000		53.4	61.2	62.3	63.7	64.1	64.4	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.2	65.7
≥ 1800		52.6	65.4	66.5	67.8	68.3	68.6	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.4	69.9
≥ 1600		52.7	65.5	66.6	68.0	68.4	68.7	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.5	70.0
≥ 1400		52.7	65.5	66.6	68.0	68.4	68.7	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.5	70.0
≥ 1200		62.9	65.7	66.8	68.2	68.6	68.9	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.7	70.2
≥ 1000		63.9	66.8	67.8	69.2	69.7	70.0	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.8	71.3
≥ 900		66.9	69.9	71.0	72.4	72.8	73.1	73.5	73.5	73.5	73.8	73.8	73.8	73.8	73.9	74.5
≥ 800		67.4	70.4	71.5	72.9	73.3	73.7	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.4	75.1
≥ 700		70.6	73.8	74.8	76.2	76.7	77.0	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.8	78.5
≥ 6000		71.9	75.2	76.2	77.6	78.1	78.4	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.2	79.9
≥ 5000		73.1	76.3	77.4	78.8	79.2	79.6	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.4	81.1
≥ 4500		76.5	79.7	80.8	82.2	82.6	82.9	83.3	83.3	83.3	83.7	83.7	83.7	83.7	83.8	84.4
≥ 4000		77.6	81.0	82.0	83.4	83.9	84.2	84.6	84.6	84.6	84.9	84.9	84.9	84.9	85.1	85.7
≥ 3500		79.7	83.1	84.3	85.8	86.2	86.6	87.0	87.0	87.0	87.3	87.3	87.3	87.3	87.4	88.1
≥ 3000		80.9	84.4	85.8	87.3	87.7	88.1	88.5	88.5	88.5	88.8	88.8	88.8	88.8	88.9	89.6
≥ 2500		82.9	86.7	88.1	89.6	90.1	90.4	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.3	91.9
≥ 2000		83.3	87.1	88.6	90.1	90.6	91.0	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.8	92.5
≥ 1800		84.1	87.8	89.4	90.9	91.4	91.8	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.8	93.4
≥ 1500		84.3	88.1	89.6	91.1	91.6	92.0	92.6	92.6	92.6	92.9	92.9	92.9	92.9	93.0	93.7
≥ 1200		84.8	88.7	90.3	91.8	92.4	92.8	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.8	94.4
≥ 1000		85.2	89.1	90.9	92.4	92.9	93.3	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.3	94.9
≥ 900		85.3	89.2	91.0	92.6	93.1	93.5	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.5	95.2
≥ 800		85.5	89.5	91.2	92.8	93.3	93.8	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.7	95.4
≥ 700		85.6	89.6	91.3	92.9	93.4	93.9	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.8	95.5
≥ 600		85.7	89.8	91.6	93.2	93.8	94.2	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.2	95.8
≥ 500		85.9	90.0	91.8	93.4	94.0	94.4	94.9	94.9	94.9	95.3	95.3	95.3	95.3	95.4	96.1
≥ 400		86.1	90.2	92.2	94.1	94.6	95.2	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.1	96.9
≥ 300		86.1	90.3	92.4	94.3	94.8	95.5	96.0	96.0	96.0	96.1	96.5	96.5	96.5	96.6	97.4
≥ 200		86.1	90.3	92.6	94.5	95.1	95.7	96.2	96.2	96.2	96.3	96.7	96.7	96.9	97.0	97.3
≥ 100		86.1	90.3	92.6	94.6	95.2	95.8	96.6	96.6	96.6	96.7	97.1	97.1	97.5	97.6	98.0
≥ 0		86.1	90.3	92.7	94.7	95.3	95.9	96.7	96.7	96.7	96.8	97.2	97.2	97.7	97.8	98.4
≥ 0		86.1	90.3	92.7	94.7	95.3	95.9	96.7	96.7	96.7	96.8	97.2	97.2	97.7	97.8	98.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1826  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69 73,73-80  
 YEARS

JAN  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	.4	58.5	60.3	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	.4	66.1	68.1	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000	.4	66.1	69.1	69.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	.4	66.7	69.7	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
≥ 12000	.4	67.1	69.1	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	.4	70.8	72.9	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	.4	71.5	73.8	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
≥ 8000	.4	74.7	77.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	.4	76.6	79.0	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
≥ 6000	.4	77.0	79.7	81.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	.4	79.9	82.9	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	.4	81.6	85.2	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4000	.4	83.2	86.9	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	.4	84.6	88.4	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	.4	86.1	89.9	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	.4	86.9	90.9	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
≥ 2000	.4	88.1	92.7	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	.4	88.6	92.8	94.5	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	.4	88.6	92.8	94.5	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	.4	89.1	93.3	95.1	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	.4	89.1	93.3	95.1	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	.4	89.4	93.5	95.3	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	.4	89.6	93.8	95.5	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	.4	89.6	94.1	95.7	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	.4	89.7	94.1	95.9	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	.4	89.7	94.3	96.1	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	.4	89.7	94.6	96.6	97.6	97.7	98.1	98.2	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5
≥ 300	.4	89.8	94.7	96.8	97.8	98.1	98.6	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1
≥ 200	.4	89.8	94.7	96.8	97.8	98.1	98.7	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.5	99.5
≥ 100	.4	89.8	94.7	96.8	97.8	98.1	98.7	99.0	99.0	99.0	99.1	99.5	99.6	99.6	99.6	99.6
≥ 0	.4	89.8	94.7	96.8	97.8	98.1	98.7	99.0	99.0	99.0	99.1	99.5	99.6	99.6	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

JAN  
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	¾	¾	¾	¾	¾
NO CEILING	.2	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 2000	.3	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 1800	.3	68.8	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	69.4
≥ 1700	.3	68.9	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
≥ 1400	.3	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 1200	.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1000	.3	75.8	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
≥ 900	.3	76.2	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	76.8
≥ 800	.3	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 700	.3	80.9	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
≥ 600	.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	.3	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	.3	87.1	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	.3	88.7	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	.3	90.8	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	91.7
≥ 2000	.3	92.3	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	.3	94.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	.3	94.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	.3	95.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	.3	95.8	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	.3	96.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	.3	96.6	97.6	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
≥ 400	.3	96.6	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	.3	96.7	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	.3	96.9	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	.3	97.2	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	.3	97.2	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-26  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

JAN  
 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	≥½	≥⅓	≥⅓	≥¼	≥0
NO CEILING ≥ 20000	.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	.2	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	71.9
≥ 16000	.2	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	72.0
≥ 14000	.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	.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	72.6
≥ 10000	.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	.2	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	79.9	79.9
≥ 8000	.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	.2	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	84.1	84.1
≥ 6000	.2	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	85.7
≥ 5000	.2	86.2	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
≥ 4500	.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	.2	91.9	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
≥ 2500	.2	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	.2	95.2	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	.2	96.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	.2	96.9	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	.2	97.4	97.7	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	.2	97.4	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	.2	97.5	98.1	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	.2	97.6	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	.2	97.6	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	.2	98.1	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	.2	98.1	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	.2	98.1	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	.2	98.2	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	.2	98.2	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFS WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING																
≥ 20000		67.1	67.3	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
≥ 18000		73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000		73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000		74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 12000		75.4	75.6	75.6	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		80.9	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
≥ 9000		81.1	81.3	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
≥ 8000		83.4	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000		84.9	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 6000		85.7	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000		87.2	87.4	87.6	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500		88.4	88.6	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000		91.1	91.2	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500		92.0	92.4	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000		94.7	95.1	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500		95.8	96.1	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000		97.0	97.3	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800		97.1	97.4	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500		97.4	97.7	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200		97.6	98.1	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		97.7	98.2	98.9	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		97.8	98.3	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800		97.8	98.3	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		98.0	98.4	99.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		98.2	98.6	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		98.2	98.7	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.2	98.7	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.2	98.7	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.2	98.7	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.2	98.7	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.2	98.7	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING		75.8	75.9	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 20000	79.0	79.1	79.1	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
≥ 18000	79.0	79.1	79.1	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
≥ 16000	79.0	79.1	79.1	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
≥ 14000	79.0	79.1	79.1	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
≥ 12000	79.8	79.9	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000	83.3	83.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	83.4	83.5	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	85.5	85.6	85.6	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
≥ 7000	86.3	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	87.6	87.7	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	88.7	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	89.8	89.9	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	91.4	91.5	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	92.9	93.1	93.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	94.3	94.4	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	95.4	95.7	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	96.1	96.7	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	96.5	97.0	97.3	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
≥ 1500	96.5	97.0	97.3	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
≥ 1200	97.5	98.1	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	97.6	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	97.6	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	97.7	98.3	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.7	98.3	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.8	98.4	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.0	98.5	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.1	98.6	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.1	98.6	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.1	98.6	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.1	98.6	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	98.1	98.6	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

19926  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾
NO CEILING	.1	65.3	66.3	66.6	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.5
≥ 20000	.1	70.9	71.8	72.2	72.5	72.6	72.6	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.1
≥ 18000	.1	71.0	71.9	72.2	72.6	72.6	72.7	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.2
≥ 16000	.1	71.1	72.0	72.3	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.3
≥ 14000	.1	71.3	72.3	72.6	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.6
≥ 12000	.1	72.4	73.4	73.8	74.1	74.2	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.6	74.7
≥ 10000	.1	76.2	77.3	77.6	78.0	78.1	78.1	78.2	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.6
≥ 9000	.1	76.6	77.7	78.0	78.4	78.5	78.5	78.6	78.6	78.7	78.8	78.8	78.9	78.9	78.9	79.0
≥ 8000	.1	79.4	80.5	80.9	81.3	81.3	81.4	81.5	81.5	81.6	81.7	81.7	81.8	81.8	81.9	81.9
≥ 7000	.1	80.8	81.9	82.3	82.7	82.8	82.8	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.4
≥ 6000	.1	81.7	82.8	83.3	83.7	83.7	83.8	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.4
≥ 5000	.1	84.0	85.2	85.7	86.1	86.2	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6	86.7	86.8
≥ 4500	.1	85.4	86.7	87.3	87.7	87.7	87.8	87.9	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.4
≥ 4000	.1	87.5	88.8	89.5	89.9	90.0	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.5	90.6	
≥ 3500	.1	88.8	90.2	90.9	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.9	92.0
≥ 3000	.1	90.6	92.0	92.7	93.2	93.3	93.3	93.5	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.9
≥ 2500	.1	91.5	93.1	93.8	94.3	94.4	94.4	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	95.0
≥ 2000	.1	92.4	94.0	94.8	95.3	95.4	95.5	95.6	95.6	95.7	95.8	95.8	95.9	95.9	95.9	96.1
≥ 1800	.1	92.6	94.2	95.0	95.4	95.5	95.7	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.2
≥ 1500	.1	92.9	94.6	95.4	96.0	96.1	96.2	96.4	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.8
≥ 1200	.1	93.3	95.0	95.8	96.4	96.5	96.7	96.8	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.3
≥ 1000	.1	93.5	95.2	96.1	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.5
≥ 900	.1	93.6	95.3	96.2	96.8	96.9	97.0	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.7
≥ 800	.1	93.7	95.4	96.3	96.9	97.0	97.2	97.3	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.8
≥ 700	.1	93.8	95.6	96.5	97.1	97.3	97.4	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.9	98.0
≥ 600	.1	94.0	95.8	96.8	97.4	97.6	97.7	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.4
≥ 500	.1	94.1	96.0	97.0	97.7	97.8	98.0	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.7
≥ 400	.1	94.2	96.2	97.2	97.9	98.1	98.3	98.5	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.1
≥ 300	.1	94.2	96.2	97.3	98.1	98.3	98.5	98.7	98.8	98.9	99.0	99.0	99.1	99.1	99.2	99.4
≥ 200	.1	94.2	96.2	97.3	98.1	98.3	98.5	98.8	98.8	99.0	99.1	99.2	99.3	99.3	99.4	99.6
≥ 100	.1	94.2	96.2	97.3	98.1	98.3	98.6	98.8	98.9	99.0	99.2	99.2	99.4	99.4	99.5	99.9
≥ U	.1	94.2	96.2	97.3	98.1	98.3	98.6	98.8	98.9	99.0	99.2	99.2	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17526  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

FEB  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	68.7	68.7	69.0	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
IV 18000 16000	70.2	70.9	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
IV 14000 12000	70.3	71.0	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 10000 9000	74.6	75.3	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 8000 7000	77.3	78.0	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
IV 6000 5000	80.1	81.0	81.4	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
IV 4500 4000	84.9	85.7	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3500 3000	89.4	90.2	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500 2000	92.4	93.7	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800 1500	93.6	94.9	96.0	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
IV 1200 1000	94.4	95.9	96.9	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
IV 900 800	95.3	96.7	97.8	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
IV 700 600	95.6	97.0	98.1	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
IV 500 400	95.7	97.3	98.3	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 300 200	95.7	97.3	98.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 100 0	95.7	97.3	98.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1/2626  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

FEB  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1300-0500  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	64.9	65.8	66.4	66.7	66.7	67.0	67.0	67.1	67.3	67.3	67.3	67.4	67.4	67.5	67.5	
IV 18000 16700	66.2	67.1	67.7	68.0	68.0	68.3	68.3	68.4	68.6	68.6	68.6	68.7	68.7	68.8	68.8	
IV 14000 12000	66.2	67.1	67.7	68.0	68.0	68.3	68.3	68.4	68.6	68.6	68.6	68.7	68.7	68.8	68.8	
IV 10000 9000	66.7	67.6	68.2	68.4	68.4	68.8	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.3	69.3	
IV 8000 7000	67.4	68.3	68.9	69.1	69.1	69.5	69.5	69.6	69.7	69.7	69.7	69.9	69.9	70.0	70.0	
IV 6000 5000	70.6	71.6	72.2	72.5	72.5	72.8	72.8	72.9	73.0	73.0	73.0	73.2	73.2	73.3	73.3	
IV 4500 4000	70.7	71.7	72.3	72.6	72.6	72.9	72.9	73.0	73.2	73.2	73.2	73.3	73.3	73.4	73.4	
IV 3500 3000	73.8	74.8	75.5	75.8	75.8	76.1	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.6	76.6	
IV 2500 2000	74.6	75.7	76.4	76.6	76.6	77.0	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.4	77.4	
IV 1800 1500	75.8	77.0	77.7	77.9	77.9	78.3	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.7	78.7	
IV 1200 1000	78.3	79.4	80.1	80.4	80.4	80.7	80.7	80.9	81.0	81.0	81.0	81.1	81.1	81.2	81.2	
IV 900 800	81.2	82.5	83.2	83.5	83.5	83.8	83.8	83.9	84.0	84.0	84.0	84.2	84.2	84.3	84.3	
IV 700 600	84.2	85.6	86.3	86.5	86.5	86.9	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.4	87.4	
IV 500 400	85.8	87.2	87.9	88.2	88.2	88.5	88.5	88.7	88.8	88.8	88.8	88.9	88.9	89.0	89.0	
IV 300 200	87.5	89.4	90.4	90.7	90.7	91.0	91.0	91.1	91.3	91.3	91.3	91.4	91.4	91.5	91.5	
IV 100 0	89.0	90.9	92.0	92.2	92.2	92.6	92.6	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.0	
	89.6	91.5	92.6	92.9	92.9	93.5	93.5	93.6	93.7	93.7	93.7	93.9	93.9	94.0	94.0	
	89.8	91.7	92.8	93.1	93.1	93.7	93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.2	94.2	
	90.4	92.3	93.4	93.7	93.7	94.3	94.3	94.4	94.6	94.6	94.6	94.7	94.7	94.8	94.8	
	91.0	93.0	94.3	94.7	94.7	95.3	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.7	95.7	
	91.0	93.0	94.3	94.7	94.7	95.3	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.7	95.7	
	91.1	93.1	94.4	94.8	94.8	95.4	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.9	95.9	
	91.1	93.1	94.4	94.8	94.8	95.4	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.9	95.9	
	91.4	93.4	94.8	95.2	95.2	95.7	95.7	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.2	
	92.1	94.1	95.5	95.9	95.9	96.5	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.9	96.9	
	92.6	94.8	96.2	96.7	96.7	97.3	97.3	97.4	97.6	97.6	97.6	97.8	97.8	97.9	97.9	
	92.9	95.2	96.8	97.4	97.4	98.1	98.1	98.2	98.5	98.5	98.5	98.6	98.6	98.8	98.8	
	92.9	95.2	96.8	97.4	97.4	98.1	98.1	98.2	98.5	98.5	98.5	98.6	98.6	98.9	98.9	
	92.9	95.2	96.8	97.4	97.4	98.1	98.1	98.2	98.5	98.5	98.5	98.6	98.6	98.9	98.9	
	92.9	95.2	96.8	97.4	97.4	98.1	98.1	98.2	98.5	98.5	98.5	98.6	98.6	98.9	98.9	
	92.9	95.2	96.8	97.4	97.4	98.1	98.1	98.2	98.5	98.5	98.5	98.6	98.6	98.9	98.9	
	92.9	95.2	96.8	97.4	97.4	98.1	98.1	98.2	98.5	98.5	98.5	98.6	98.6	98.9	98.9	

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17026  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0659  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0
NO CEILING ≥ 20000	61.5	64.9	65.7	66.8	66.9	67.3	67.4	67.5	67.7	68.2	68.2	68.3	68.4	68.6	68.8
18000 ≥ 6000	64.8	68.4	69.3	70.3	70.4	70.8	70.9	71.0	71.3	71.7	71.7	71.9	72.0	72.1	72.3
14000 ≥ 2000	64.8	68.9	69.7	70.8	70.9	71.3	71.4	71.5	71.7	72.2	72.2	72.3	72.5	72.6	72.8
10000 ≥ 9000	65.5	69.1	70.0	71.0	71.2	71.5	71.6	71.7	72.0	72.5	72.5	72.6	72.7	72.8	73.0
8000 ≥ 7000	66.8	70.6	71.5	72.6	72.7	73.0	73.2	73.3	73.5	74.0	74.0	74.1	74.2	74.3	74.6
6000 ≥ 5000	68.8	72.7	73.6	74.7	74.8	75.2	75.3	75.4	75.7	76.1	76.1	76.2	76.4	76.5	76.7
4500 ≥ 4000	69.0	72.9	73.9	74.9	75.1	75.4	75.5	75.7	75.9	76.4	76.4	76.5	76.6	76.7	77.0
3500 ≥ 3000	70.6	74.9	76.1	77.2	77.3	77.7	77.8	77.9	78.1	78.6	78.6	78.7	78.8	79.0	79.2
2500 ≥ 2000	71.4	75.8	77.1	78.1	78.3	78.6	78.7	78.8	79.1	79.6	79.6	79.7	79.8	79.9	80.1
1500 ≥ 1000	72.7	77.1	78.5	79.6	79.7	80.0	80.1	80.3	80.5	81.0	81.0	81.1	81.2	81.3	81.6
1000	75.3	80.0	81.6	82.6	82.7	83.1	83.2	83.3	83.6	84.0	84.0	84.2	84.3	84.4	84.6
800	77.7	82.4	83.9	85.0	85.1	85.5	85.6	85.7	85.9	86.4	86.4	86.5	86.6	86.8	87.0
600	80.4	85.1	86.6	87.7	87.8	88.2	88.3	88.4	88.7	89.1	89.1	89.2	89.4	89.5	89.7
500	81.0	85.9	87.6	88.7	88.8	89.1	89.2	89.4	89.6	90.1	90.1	90.2	90.3	90.4	90.7
400	81.9	86.9	88.9	90.0	90.1	90.4	90.5	90.7	90.9	91.4	91.4	91.5	91.6	91.7	92.0
300	82.7	88.1	90.2	91.3	91.4	91.7	91.8	92.0	92.2	92.7	92.7	92.8	92.9	93.0	93.3
200	83.6	88.9	91.0	92.1	92.2	92.9	93.0	93.1	93.4	93.9	93.9	94.0	94.1	94.2	94.4
100	83.8	89.1	91.3	92.3	92.4	93.1	93.3	93.4	93.6	94.1	94.1	94.2	94.3	94.4	94.7
0	84.2	89.6	91.7	93.0	93.1	93.9	94.0	94.1	94.3	94.8	94.8	94.9	95.0	95.2	95.4
900	84.2	89.7	91.8	93.1	93.3	94.0	94.1	94.2	94.4	94.9	94.9	95.0	95.2	95.3	95.5
800	84.5	90.2	92.4	93.9	94.0	94.7	94.8	94.9	95.2	95.6	95.6	95.7	95.9	96.0	96.2
700	84.8	90.4	92.7	94.1	94.2	94.9	95.0	95.2	95.4	95.9	96.0	96.1	96.2	96.3	96.6
600	84.9	90.5	92.8	94.2	94.4	95.2	95.3	95.4	95.6	96.1	96.3	96.8	96.9	97.0	97.5
500	85.0	90.7	93.0	94.6	94.9	95.6	95.9	96.0	96.2	96.7	96.8	96.9	97.0	97.2	97.8
400	85.0	90.8	93.1	94.7	95.0	95.7	96.0	96.1	96.3	96.8	96.9	97.0	97.3	97.4	97.8
300	85.1	91.1	93.5	95.0	95.4	96.1	96.3	96.5	96.7	97.2	97.3	97.4	97.6	97.8	98.1
200	85.2	91.5	94.2	95.7	96.1	96.8	97.0	97.2	97.4	97.9	98.0	98.1	98.3	98.5	98.8
100	85.2	91.5	94.3	96.0	96.3	97.2	97.4	97.5	97.8	98.2	98.3	98.5	98.8	99.2	99.5
0	85.2	91.5	94.3	96.0	96.5	97.4	97.8	97.9	98.1	98.6	98.7	98.8	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 826  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

FEE  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1926-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING																
≥ 20000	63.4	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	68.3	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	68.6	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	69.4	70.7	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 12000	71.0	72.5	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	75.5	77.0	77.5	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
≥ 9500	75.5	77.0	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	78.4	80.3	80.9	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
≥ 7000	79.6	81.6	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
≥ 6000	80.1	82.2	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	82.5	84.6	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	85.2	87.5	88.2	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	86.5	89.1	89.8	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	87.9	90.5	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	88.9	91.5	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	89.8	92.8	93.7	94.1	94.3	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	90.4	93.4	94.3	94.8	95.0	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	90.4	93.5	94.4	94.9	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	91.4	94.4	95.5	96.1	96.3	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	92.0	95.2	96.2	96.8	97.0	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	92.2	95.5	96.6	97.2	97.4	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	92.2	95.5	96.6	97.4	97.6	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	92.4	95.9	96.9	97.8	98.0	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	92.4	96.1	97.1	97.9	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	92.7	96.2	97.3	98.2	98.5	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	92.7	96.3	97.3	98.2	98.5	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	92.7	96.2	97.3	98.2	98.5	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	92.7	96.2	97.3	98.2	98.5	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	92.7	96.3	97.4	98.3	98.6	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	92.7	96.3	97.4	98.3	98.6	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	92.7	96.3	97.4	98.3	98.6	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17626  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1730-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	.4	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	.4	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
≥ 14000	.4	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	70.3
≥ 12000	.4	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	71.0	71.0
≥ 10000	.4	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	.4	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	76.6
≥ 7000	.4	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000	.4	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	.4	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	.4	84.4	84.5	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	.4	86.9	87.1	87.1	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	.4	88.3	88.4	88.5	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	.4	88.8	89.1	89.2	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	.4	90.8	91.3	91.5	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	.4	92.6	93.3	93.6	94.2	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	.4	93.6	94.3	94.7	95.3	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	.4	94.3	95.2	95.5	96.1	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	.4	95.4	96.3	96.7	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	.4	96.2	97.2	97.6	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	.4	96.3	97.3	97.9	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	.4	96.3	97.3	97.9	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	.4	96.3	97.3	97.9	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ U	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 246

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 526  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-81  
YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 12	≥ 15	≥ 20
NO CEILING	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 2000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1800	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1600	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1400	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1200	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	75.8
≥ 1000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 900	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 800	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 700	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	84.2	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000	85.8	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4500	86.8	87.4	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	88.9	89.5	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	89.5	90.3	90.9	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	90.9	91.8	92.4	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	92.3	93.5	94.2	95.3	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	93.4	94.7	95.4	96.6	96.7	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	93.9	95.3	96.0	97.2	97.3	97.5	97.5	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	94.6	96.7	96.7	97.9	98.0	98.2	98.2	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	95.0	96.6	97.3	98.5	98.6	98.8	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	95.0	96.7	97.4	98.6	98.7	98.9	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	95.2	96.8	97.5	98.7	98.8	99.1	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	95.2	96.8	97.5	98.7	98.8	99.1	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	95.2	96.8	97.5	98.7	98.8	99.1	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	95.2	96.8	97.5	98.7	98.8	99.1	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17226  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

FEB  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1970-2000  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO. REPORTED	.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 18500	.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 17000	.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 15500	.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12500	.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	78.0
≥ 11000	.2	80.5	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
≥ 9500	.2	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	.2	82.6	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	.2	83.6	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	.2	84.4	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	.2	87.0	87.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	.2	87.7	88.5	88.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	.2	89.7	90.5	90.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	.2	91.3	92.1	92.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	.2	92.6	93.6	94.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	.2	92.8	93.9	94.3	95.7	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	.2	93.3	94.6	95.0	96.6	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	.2	93.4	94.7	95.2	96.7	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1600	.2	94.1	95.4	96.0	97.5	97.5	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1400	.2	94.9	96.2	96.8	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	.2	94.9	95.3	97.0	98.6	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	.2	95.0	96.5	97.2	98.7	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	.2	95.0	96.5	97.2	98.7	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	.2	95.0	96.5	97.2	98.7	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	.2	95.0	96.6	97.5	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	.2	95.0	96.6	97.6	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	.2	95.2	96.9	97.8	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	.2	95.2	96.9	97.8	99.3	99.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.2	95.2	96.9	97.8	99.3	99.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.2	95.2	96.9	97.8	99.3	99.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.2	95.2	96.9	97.8	99.3	99.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.2	95.2	96.9	97.8	99.3	99.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12726  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING																
≥ 2000	70.1	70.3	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
≥ 1800	73.4	73.6	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1600	73.4	73.6	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1400	73.8	74.0	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1200	75.9	76.1	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1000	78.1	78.4	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 900	78.1	78.4	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 800	80.4	80.6	80.7	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
≥ 700	81.9	82.2	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 600	82.7	83.7	83.1	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
≥ 500	85.0	85.6	85.7	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
≥ 450	87.1	87.6	87.7	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
≥ 400	89.7	89.8	90.0	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
≥ 350	90.9	91.5	91.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 300	93.0	93.7	94.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 250	93.7	94.6	94.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 200	94.4	95.3	95.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 150	94.7	95.5	95.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	95.2	96.1	96.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 75	95.7	96.9	97.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 50	95.7	97.1	97.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 25	95.9	97.3	97.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 15	96.0	97.5	98.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 10	96.1	97.6	98.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5	96.1	97.6	98.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3	96.1	97.6	98.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2	96.1	97.6	98.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1	96.1	97.6	98.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.1	97.6	98.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12526  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

FEB  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	.1	66.3	67.2	67.5	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1
≥ 2000	.1	70.3	71.0	71.3	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9
≥ 1800	.1	70.4	71.3	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.2
≥ 1600	.1	70.5	71.4	71.7	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3
≥ 1400	.1	70.9	71.9	72.1	72.4	72.4	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8
≥ 1200	.1	72.2	73.1	73.4	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.1
≥ 1000	.1	75.5	76.6	76.9	77.2	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.6	77.6
≥ 900	.1	75.5	76.6	77.2	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 800	.1	78.1	79.3	79.7	80.0	80.0	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4
≥ 700	.1	79.2	80.3	80.8	81.1	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.5	81.5
≥ 6000	.1	80.2	81.4	81.9	82.2	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6
≥ 5000	.1	82.6	83.9	84.4	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2
≥ 4500	.1	84.7	86.1	86.6	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 4000	.1	86.8	88.3	88.8	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9
≥ 3500	.1	88.1	89.6	90.2	90.9	91.0	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4
≥ 3000	.1	89.6	91.3	92.1	92.8	93.0	93.1	93.1	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 2500	.1	90.7	92.6	93.5	94.3	94.4	94.6	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.0
≥ 2000	.1	91.5	93.4	94.3	95.2	95.3	95.6	95.7	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1800	.1	91.7	93.7	94.6	95.5	95.6	95.9	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.4
≥ 1500	.1	92.4	94.4	95.4	96.3	96.4	96.7	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1200	.1	92.9	95.1	96.0	97.0	97.1	97.4	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.9
≥ 1000	.1	93.1	95.3	96.3	97.3	97.5	97.7	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.2	98.2
≥ 900	.1	93.2	95.4	96.4	97.4	97.6	97.8	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3
≥ 800	.1	93.3	95.5	96.5	97.6	97.8	98.0	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5
≥ 700	.1	93.4	95.7	96.7	97.8	98.0	98.2	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8
≥ 600	.1	93.5	95.8	96.9	98.0	98.2	98.5	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.1
≥ 500	.1	93.6	96.0	97.1	98.2	98.4	98.7	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 400	.1	93.7	96.1	97.3	98.4	98.6	98.9	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6
≥ 300	.1	93.7	96.1	97.3	98.4	98.6	99.0	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.8
≥ 200	.1	93.7	96.1	97.3	98.4	98.7	99.0	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	.1	93.7	96.1	97.3	98.4	98.7	99.0	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.8	100.0
≥ 0	.1	93.7	96.1	97.3	98.4	98.7	99.0	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17626  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 2000	76.0	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 1800	78.8	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 1600	78.8	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.8
≥ 1400	78.9	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.8
≥ 1200	79.4	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2
≥ 1000	82.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 900	83.0	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 800	84.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 700	85.6	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 600	86.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	88.0
≥ 500	88.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 450	90.0	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 400	91.3	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 350	91.9	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 300	93.3	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 250	94.4	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 2000	95.9	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 1800	96.0	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1500	96.5	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 1200	96.7	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥ 1000	96.7	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥ 900	96.8	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 800	96.9	98.5	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 700	97.0	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 600	97.1	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1226  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

MAR  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING																
≥ 20000		72.6	74.4	75.1	75.5	75.5	75.7	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.3	76.7
≥ 18000		75.7	77.5	78.2	78.6	78.6	78.8	79.0	79.1	79.2	79.2	79.4	79.4	79.4	79.5	79.6
≥ 16000		75.8	77.6	78.3	78.7	78.7	78.9	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.9
≥ 14000		75.8	77.6	78.3	78.7	78.7	78.9	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.9
≥ 12000		76.2	78.1	78.7	79.1	79.1	79.4	79.6	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.3
≥ 10000		79.4	81.2	81.8	82.3	82.3	82.5	82.7	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.4
≥ 9000		79.5	81.3	81.9	82.4	82.4	82.6	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.5
≥ 8000		81.0	82.8	83.7	84.1	84.1	84.3	84.5	84.6	84.7	84.7	84.8	84.8	84.8	84.9	85.3
≥ 7000		82.0	83.9	84.7	85.2	85.2	85.4	85.6	85.7	85.8	85.8	85.9	85.9	85.9	86.0	86.3
≥ 6000		82.6	84.4	85.3	85.7	85.7	85.9	86.1	86.2	86.3	86.3	86.5	86.5	86.5	86.6	86.9
≥ 5000		85.2	87.0	87.8	88.3	88.3	88.5	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.5
≥ 4500		86.7	88.5	89.5	89.9	89.9	90.1	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.9	91.1
≥ 4000		88.0	89.8	90.8	91.2	91.2	91.4	91.6	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.4
≥ 3500		88.5	90.3	91.3	91.7	91.7	91.9	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.6	92.9
≥ 3000		90.6	92.7	93.7	94.1	94.1	94.3	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.9	95.3
≥ 2500		91.4	93.4	94.4	94.8	94.8	95.1	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.7	96.0
≥ 2000		92.3	94.3	95.3	95.7	95.7	95.9	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.6	96.9
≥ 1800		92.4	94.4	95.4	95.8	95.8	96.0	96.2	96.3	96.5	96.5	96.6	96.6	96.6	96.7	97.0
≥ 1500		93.0	95.2	96.2	96.7	96.7	96.9	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.8
≥ 1200		93.3	95.5	96.6	97.0	97.0	97.2	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.8	98.2
≥ 1000		93.4	95.9	97.0	97.4	97.4	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.6
≥ 900		93.7	96.1	97.2	97.6	97.6	97.8	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.8
≥ 800		93.8	96.2	97.3	97.7	97.7	98.0	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.9
≥ 700		94.0	96.6	97.6	98.1	98.1	98.3	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9	99.2
≥ 600		94.0	96.6	97.7	98.1	98.1	98.5	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.5
≥ 500		94.1	96.7	97.8	98.4	98.4	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.6
≥ 400		94.1	96.7	97.8	98.5	98.5	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.5	99.8
≥ 300		94.1	96.7	97.8	98.5	98.5	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.5	99.8
≥ 200		94.1	96.7	97.8	98.5	98.5	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.5	99.8
≥ 100		94.1	96.7	97.8	98.5	98.5	98.7	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.6	99.9
≥ 0		94.1	96.7	97.8	98.5	98.5	98.7	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

MAP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-2800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0	
NO CEILING																	
≥ 20000	65.8	69.4	70.3	70.5	70.6	70.8	70.9	71.0	71.1	71.4	71.4	71.4	71.4	71.6	71.7	72.0	
≥ 18000	70.5	74.2	75.2	75.4	75.5	75.6	75.8	75.9	76.0	76.3	76.3	76.3	76.6	76.6	76.7	77.0	
≥ 16000	70.9	74.5	75.5	75.7	75.8	75.9	76.1	76.2	76.3	76.7	76.7	76.7	76.9	76.9	77.0	77.3	
≥ 14000	71.0	74.6	75.6	75.8	75.9	76.2	76.2	76.3	76.5	76.8	76.8	76.8	77.0	77.1	77.1	77.4	
≥ 12000	71.2	74.8	75.8	76.0	76.1	76.2	76.5	76.6	76.7	77.0	77.0	77.0	77.2	77.2	77.3	77.6	
≥ 10000	71.4	75.1	76.0	76.2	76.3	76.5	76.7	76.8	76.9	77.2	77.2	77.2	77.4	77.4	77.5	77.8	
≥ 9000	75.7	79.4	80.3	80.5	80.6	80.8	81.0	81.1	81.2	81.5	81.5	81.5	81.7	81.8	82.2	82.6	
≥ 8000	76.1	79.8	80.8	81.0	81.1	81.2	81.4	81.5	81.6	81.9	81.9	81.9	82.2	82.2	82.3	82.6	
≥ 7000	78.4	82.2	83.1	83.3	83.5	83.7	83.9	84.0	84.1	84.4	84.4	84.4	84.4	84.6	84.7	85.1	
≥ 6000	79.1	82.9	83.9	84.1	84.3	84.4	84.6	84.7	84.8	85.2	85.2	85.2	85.4	85.4	85.8	86.2	
≥ 5000	79.6	83.3	84.3	84.6	84.8	84.9	85.2	85.3	85.4	85.7	85.7	85.7	85.9	85.9	86.0	86.3	
≥ 4500	81.1	85.7	86.1	86.5	86.7	86.8	87.0	87.1	87.2	87.5	87.5	87.5	87.7	87.7	87.8	88.2	
≥ 4000	82.6	86.7	87.6	88.0	88.2	88.3	88.5	88.6	88.7	89.0	89.0	89.0	89.2	89.2	89.4	89.7	
≥ 3500	83.9	88.1	89.0	89.4	89.6	89.7	89.9	90.0	90.1	90.4	90.4	90.4	90.6	90.6	90.8	91.1	
≥ 3000	85.2	89.4	90.3	90.6	90.9	91.0	91.2	91.3	91.4	91.7	91.7	91.7	91.9	91.9	92.0	92.4	
≥ 2500	87.1	91.5	92.6	92.9	93.1	93.2	93.4	93.5	93.7	94.0	94.0	94.0	94.2	94.2	94.3	94.6	
≥ 2000	87.8	92.4	93.4	93.8	94.0	94.1	94.3	94.4	94.5	94.8	94.8	94.8	95.1	95.1	95.2	95.5	
≥ 1800	89.5	94.1	95.3	95.7	95.9	96.2	96.5	96.6	96.7	97.0	97.0	97.0	97.2	97.2	97.4	97.7	
≥ 1500	89.7	94.3	95.5	95.9	96.1	96.5	96.7	96.8	96.9	97.2	97.2	97.2	97.4	97.4	97.6	98.0	
≥ 1200	90.0	94.6	95.8	96.3	96.6	96.9	97.1	97.2	97.3	97.6	97.6	97.6	97.8	97.8	98.1	98.4	
≥ 1000	90.2	94.8	96.0	96.6	96.8	97.1	97.3	97.4	97.5	97.8	97.8	97.8	98.1	98.1	98.3	98.6	
≥ 900	90.3	94.9	96.1	96.7	96.9	97.2	97.4	97.5	97.6	98.0	98.0	98.0	98.2	98.2	98.4	98.7	
≥ 800	90.3	95.1	96.2	96.8	97.0	97.3	97.5	97.6	97.7	98.1	98.1	98.1	98.3	98.3	98.5	98.8	
≥ 700	90.3	95.1	96.2	96.8	97.0	97.3	97.5	97.6	97.7	98.1	98.1	98.1	98.3	98.3	98.5	98.8	
≥ 600	90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.5	98.8	
≥ 500	90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.5	98.8	
≥ 400	90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.5	98.8	
≥ 300	90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.5	98.8	
≥ 200	90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.5	98.8	
≥ 100	90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.5	98.8	
≥ 0	90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.5	98.8	

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1126  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

MAP  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2900-1100  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	66.3	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	72.3	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IN 18000	72.6	73.3	73.4	73.5	73.5	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IN 8700	73.1	73.9	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IN 14000	74.4	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IN 2000	75.6	76.3	76.5	76.6	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IN 19000	78.9	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IN 9500	79.5	80.2	80.3	80.4	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IN 8000	81.2	82.0	82.2	82.4	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IN 7000	81.9	82.6	82.9	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IN 6000	83.4	84.3	84.4	84.6	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IN 5000	84.8	85.6	86.1	86.3	86.3	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IN 4500	85.8	86.8	87.1	87.3	87.3	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IN 4000	87.7	88.7	89.2	89.2	89.2	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IN 3500	88.8	89.8	90.2	90.4	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IN 3000	91.1	92.0	92.5	92.7	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IN 2500	92.3	93.3	93.8	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IN 2000	94.8	96.0	96.6	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IN 1800	95.2	96.5	97.0	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IN 1500	95.7	97.1	97.6	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IN 1200	96.2	97.6	98.2	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 1000	96.8	98.3	98.8	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 900	97.0	98.5	99.0	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IN 800	97.1	98.6	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 700	97.1	98.6	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 600	97.1	98.6	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 500	97.2	98.7	99.2	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 400	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 300	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 200	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 100	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 0	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12-26  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

MAP  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 20000	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 18000	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 16000	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 14000	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 12000	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 10000	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 9000	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	84.0	84.0
IV 8000	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	85.6
IV 7000	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 6000	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 5000	89.0	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	89.4	89.4
IV 4500	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4000	91.4	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	91.7	91.7
IV 3500	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	92.7	92.7	92.7
IV 3000	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	94.0	94.0	94.0
IV 2500	94.9	95.3	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	95.7
IV 2000	96.7	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1800	97.2	97.6	98.0	98.2	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	97.7	98.3	98.6	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	98.1	98.6	98.9	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	98.1	98.6	98.9	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	98.1	98.6	98.9	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	98.1	98.6	98.9	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 600	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 500	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 400	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-8C  
YEARS

MAR  
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	¾	¾	¾	¾	≥0
NO CEILING	1.1	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	1.1	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	1.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	76.2	78.2	79.2	78.2	78.2	78.2
≥ 16000	1.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	1.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	1.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	1.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 9500	1.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	1.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	1.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	1.1	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	86.7
≥ 5000	1.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	1.1	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	90.3	90.3
≥ 4000	1.1	91.9	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
≥ 3500	1.1	93.3	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
≥ 3000	1.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 2500	1.1	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 2000	1.1	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 1800	1.1	97.6	98.2	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 1500	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1200	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1000	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 900	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 800	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 700	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 600	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 500	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 931



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10026 HOMESTEAD AFB FL  
STATION STATION NAME

69-70,73-80  
YEARS

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

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1/4	≥1	≥1/2	≥1/4	≥1/8	≥5/16	≥1/4	≥0
NO CEILING	.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
18000	.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
16000	.5	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
14000	.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
12000	.5	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
10000	.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
9000	.5	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
8000	.5	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
7000	.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
6000	.5	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
5000	.5	91.7	91.8	92.1	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	.5	92.2	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
4000	.5	94.4	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
3500	.5	94.8	94.9	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
3000	.5	96.2	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2500	.5	96.8	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
2000	.5	97.6	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
1800	.5	97.7	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
1500	.5	98.3	98.4	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1200	.5	98.6	98.7	98.9	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1000	.5	98.6	98.7	98.9	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
900	.5	98.6	98.7	98.9	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	.5	98.6	98.7	98.9	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700	.5	98.6	98.7	98.9	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	.5	98.6	98.7	98.9	99.1	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	.5	98.6	98.7	98.9	99.1	99.2	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
400	.5	98.6	98.7	98.9	99.1	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
300	.5	98.6	98.7	98.9	99.1	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	.5	98.6	98.7	98.9	99.1	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	.5	98.6	98.7	98.9	99.1	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
U	.5	98.6	98.7	98.9	99.1	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1242a  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING																
≥ 20000		32.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.3	82.8	82.8	82.8	82.8	82.8	82.8
≥ 18000		85.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000		85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 14000		85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000		85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000		88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000		89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000		90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000		90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000		91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500		93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000		94.2	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500		95.9	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000		96.1	96.6	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		97.2	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000		97.4	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800		98.1	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500		98.4	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AF WEATHER SERVICE/MAL

# CEILING VERSUS VISIBILITY

12626  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

4AP  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥¼	≥0
NO CEILING	72.1	73.1	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.8
≥ 20000	77.4	78.3	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.1
≥ 18000	77.6	78.6	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.4
≥ 16000	77.8	78.8	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.5
≥ 14000	78.2	79.2	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9	80.0
≥ 12000	79.1	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8
≥ 10000	8.6	83.6	83.8	83.9	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.4
≥ 9000	83.1	84.1	84.3	84.4	84.4	84.4	84.5	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8
≥ 8000	84.4	85.4	85.7	85.8	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.3
≥ 7000	85.1	86.2	86.5	86.6	86.6	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 6000	85.8	86.9	87.2	87.3	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.8
≥ 5000	87.5	89.1	89.4	89.6	89.6	89.6	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0
≥ 4500	88.9	90.1	90.4	90.6	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	91.0
≥ 4000	90.6	91.7	92.1	92.3	92.3	92.4	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 3500	91.4	92.5	93.0	93.1	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.6
≥ 3000	93.1	94.3	94.8	94.9	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.4
≥ 2500	93.9	95.2	95.6	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.3
≥ 2000	95.3	96.7	97.2	97.4	97.4	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	98.0
≥ 1800	95.5	96.9	97.4	97.7	97.7	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3
≥ 1500	96.1	97.5	98.0	98.3	98.3	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.9	99.0
≥ 1200	96.3	97.7	98.2	98.5	98.5	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 1000	96.4	97.8	98.4	98.7	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.4
≥ 900	96.4	97.9	98.4	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4
≥ 800	96.5	97.9	98.5	98.8	98.8	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.5
≥ 700	96.5	98.0	98.6	98.9	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.6
≥ 600	96.5	98.1	98.6	98.9	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.7
≥ 500	96.6	98.1	98.7	99.0	99.0	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 400	96.6	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9
≥ 300	96.6	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.9
≥ 200	96.6	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	100.0
≥ 100	96.6	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	100.0
≥ 0	96.6	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17026  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING																
≥ 2000	76.7	77.2	77.9	78.1	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1800	85.8	81.3	82.0	82.2	82.2	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1600	85.8	81.3	82.0	82.2	82.2	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1400	81.1	81.7	82.3	82.6	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1200	82.0	82.6	83.2	83.4	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1000	83.3	83.9	84.6	84.8	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 900	83.7	84.2	84.9	85.1	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 800	85.1	85.7	86.3	86.6	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 700	86.7	87.3	88.0	88.2	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	87.8	88.4	89.3	89.7	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	89.4	90.1	91.0	91.3	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 450	90.3	90.9	91.8	92.1	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 400	91.7	92.3	93.2	93.6	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 350	92.9	93.6	94.4	94.8	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 300	93.7	94.3	95.2	95.6	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 250	95.0	96.0	96.9	97.2	97.2	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	96.4	97.4	98.3	98.7	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 150	96.7	97.7	98.6	98.9	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	96.9	97.9	98.8	99.1	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 400

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1498  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

APR  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-1500  
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		78.3	79.2	79.3	79.9	79.9	79.9	80.0	80.1	80.1	80.6	80.8	80.3	81.9	81.7	81.1
≥ 27000		81.4	81.3	81.4	82.0	82.0	82.0	82.1	82.2	82.2	82.7	82.9	82.9	83.0	83.1	83.2
≥ 18000		81.4	81.3	81.4	82.0	82.0	82.0	82.2	82.3	82.3	82.8	83.0	83.0	83.1	83.2	83.3
≥ 6700		81.4	81.3	81.4	82.0	82.0	82.0	82.2	82.3	82.3	82.8	83.0	83.0	83.1	83.2	83.3
≥ 14000		80.4	81.3	81.4	82.0	82.0	82.3	82.2	82.3	82.3	82.8	83.0	83.0	83.1	83.2	83.3
≥ 7000		80.9	81.3	81.9	82.4	82.4	82.4	82.7	82.8	82.8	83.2	83.4	83.4	83.6	83.7	83.8
≥ 7000		82.7	83.6	83.7	84.2	84.2	84.2	84.4	84.6	84.6	85.0	85.2	85.2	85.3	85.4	85.6
≥ 9000		83.0	83.9	84.0	84.6	84.6	84.6	84.8	84.9	84.9	85.3	85.6	85.6	85.7	85.8	85.9
≥ 8000		84.2	85.1	85.2	85.8	85.8	85.8	86.0	86.1	86.1	86.6	86.8	86.8	86.9	87.0	87.1
≥ 7000		84.9	85.9	86.0	86.6	86.6	86.6	86.8	86.9	86.9	87.3	87.6	87.6	87.7	87.8	87.9
≥ 6000		86.1	87.1	87.2	87.8	87.8	87.8	88.0	88.1	88.1	88.6	88.8	88.8	88.9	89.0	89.1
≥ 5000		87.4	88.4	88.6	89.1	89.1	89.1	89.3	89.4	89.4	89.9	90.1	90.1	90.2	90.3	90.4
≥ 4500		88.7	89.7	89.8	90.3	90.3	90.3	90.6	90.7	90.7	91.1	91.3	91.3	91.4	91.6	91.7
≥ 4000		89.9	90.9	91.0	91.6	91.6	91.6	91.8	91.9	91.9	92.3	92.6	92.6	92.7	92.8	92.9
≥ 3500		91.9	91.9	92.0	92.6	92.6	92.6	92.8	92.9	92.9	93.3	93.6	93.6	93.7	93.8	93.9
≥ 3000		92.7	93.8	93.9	94.4	94.4	94.4	94.7	94.8	94.8	95.2	95.4	95.4	95.6	95.7	95.8
≥ 2500		94.3	95.6	95.7	96.2	96.2	96.2	96.6	96.7	96.7	97.1	97.3	97.3	97.4	97.6	97.7
≥ 2000		95.0	96.2	96.3	97.0	97.0	97.0	97.4	97.6	97.6	98.0	98.2	98.2	98.3	98.4	98.6
≥ 1800		95.1	96.3	96.4	97.1	97.1	97.1	97.6	97.7	97.7	98.1	98.3	98.3	98.4	98.6	98.7
≥ 1500		95.6	96.8	96.9	97.6	97.6	97.6	98.0	98.1	98.1	98.6	98.8	98.8	98.9	99.0	99.1
≥ 1200		95.6	96.8	96.9	97.6	97.6	97.6	98.0	98.1	98.1	98.7	98.9	98.9	99.0	99.1	99.2
≥ 1000		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 900		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 800		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 700		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 600		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 500		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 400		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 300		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 200		95.6	96.9	97.0	97.8	97.9	97.9	98.3	98.4	98.4	99.0	99.2	99.2	99.3	99.4	99.6
≥ 100		95.6	96.9	97.0	97.8	97.9	97.9	98.3	98.4	98.4	99.0	99.2	99.2	99.3	99.4	99.6
≥ 0		95.6	96.9	97.0	97.8	97.9	97.9	98.3	98.4	98.4	99.0	99.2	99.2	99.3	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 - 26  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

6300-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	.1	69.6	73.2	74.4	75.2	75.4	75.9	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.6	76.7
≥ 20000	.1	74.3	73.2	79.4	80.2	80.4	81.0	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.7	81.8
≥ 18000	.1	74.3	79.2	79.4	80.2	80.4	81.0	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.7	81.8
≥ 16000	.1	74.6	78.4	79.7	80.4	80.7	81.2	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.9	82.0
≥ 14000	.1	74.8	78.7	79.9	80.7	80.9	81.4	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.1	82.2
≥ 12000	.1	75.8	79.7	80.9	81.7	81.9	82.4	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.1	83.2
≥ 10000	.1	77.9	81.8	83.0	83.8	84.3	84.6	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.2	85.3
≥ 9000	.1	77.9	81.8	83.0	83.8	84.0	84.6	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.2	85.3
≥ 8000	.1	80.1	84.0	85.2	86.0	86.3	86.9	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.6	87.7
≥ 7000	.1	81.4	85.6	86.8	87.6	87.9	88.4	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.1	89.2
≥ 6000	.1	82.1	86.3	87.7	88.4	88.8	89.3	89.7	89.7	89.8	89.8	89.8	89.9	89.9	90.0	90.1
≥ 5000	.1	84.3	88.7	90.0	90.8	91.1	91.7	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.3	92.4
≥ 4500	.1	85.1	89.4	90.8	91.6	91.9	92.4	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.1	93.2
≥ 4000	.1	86.9	91.2	92.6	93.3	93.7	94.2	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.9	95.0
≥ 3500	.1	87.7	92.1	93.3	94.1	94.4	95.0	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.7	95.8
≥ 3000	.1	88.6	92.9	94.2	95.0	95.3	95.9	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.6	96.7
≥ 2500	.1	89.7	94.1	95.4	96.2	96.6	97.1	97.4	97.4	97.6	97.6	97.6	97.8	97.8	97.9	98.0
≥ 2000	.1	90.0	94.7	96.0	96.9	97.3	97.9	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.7	98.8
≥ 1800	.1	90.0	94.7	96.0	96.9	97.3	97.9	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.7	98.8
≥ 1500	.1	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 1200	.1	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 1000	.1	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 900	.1	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 800	.1	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 700	.1	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 600	.1	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 500	.1	90.1	95.0	96.4	97.3	97.8	98.3	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.1	99.2
≥ 400	.1	90.1	95.0	96.6	97.4	97.9	98.4	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.3
≥ 300	.1	90.1	95.1	96.6	97.4	97.9	98.4	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.6	99.8
≥ 200	.1	90.1	95.1	96.6	97.4	97.9	98.4	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.6	99.8
≥ 100	.1	90.1	95.1	96.6	97.4	97.9	98.4	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.7	100.0
U	.1	90.1	95.1	96.6	97.4	97.9	98.4	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

10226  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

APR  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.4	72.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥20000	.4	80.0	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
M 18000	.4	80.2	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
M 16000	.4	80.2	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
M 14000	.4	80.7	81.9	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
M 12000	.4	82.0	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
M 10000	.4	84.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
M 9000	.4	85.0	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
M 8000	.4	87.2	88.4	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
M 7000	.4	88.9	90.1	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
M 6000	.4	89.2	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
M 5000	.4	91.8	92.7	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
M 4500	.4	91.0	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
M 4000	.4	92.1	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1
M 3500	.4	92.8	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8
M 3000	.4	93.2	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4
M 2500	.4	94.1	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
M 2000	.4	96.3	97.9	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
M 1800	.4	96.6	98.1	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
M 1500	.4	97.0	98.6	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥1200	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥1000	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
M 900	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
M 800	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
M 700	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
M 600	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
M 500	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
M 400	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥300	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥200	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥100	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥0	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13220  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000	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	80.9	80.9
≥ 18000	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 12000	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 9000	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	95.8	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.6	96.6	96.6
≥ 2000	97.6	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1800	98.1	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 1500	98.6	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1200	98.7	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 1000	98.7	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 900	98.7	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 800	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 400



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17226  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

APR  
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	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 2000	.1	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
≥ 1800 ≥ 1500	.3	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1400 ≥ 1200	.3	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	81.9	81.9
≥ 1000 ≥ 900	.3	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 800 ≥ 700	.3	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000 ≥ 5000	.3	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500 ≥ 4000	.3	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500 ≥ 3000	.3	93.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500 ≥ 2000	.3	96.0	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800 ≥ 1500	.3	97.0	98.2	98.7	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 ≥ 1000	.3	97.2	98.4	98.9	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900 ≥ 800	.3	97.4	98.7	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700 ≥ 600	.3	97.6	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	.3	97.8	99.0	99.4	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	.3	97.8	99.0	99.4	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	.3	97.8	99.0	99.4	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1980  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

APR  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1300-2000  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2000	.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	83.6	83.6	83.6
≥ 1800	.1	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1600	.1	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	84.0
≥ 1400	.1	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200	.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	85.3	85.3
≥ 1000	.1	88.9	89.3	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
≥ 900	.1	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	.1	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	.1	91.7	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
≥ 600	.1	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	.1	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 450	.1	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 400	.1	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 350	.1	96.4	96.9	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
≥ 300	.1	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 250	.1	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 150	.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	.1	98.4	99.0	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
≥ 75	.1	98.7	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	99.9
≥ 50	.1	98.7	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	99.9
≥ 25	.1	98.7	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	99.9
≥ 10	.1	98.7	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	99.9
≥ 5	.1	98.7	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	99.9
≥ 0	.1	98.7	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	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1926  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 2500		81.3	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	81.9
≥ 1800		86.6	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	87.1
≥ 1400		86.7	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
≥ 1200		86.9	87.3	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
≥ 1000		87.4	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	88.0
≥ 900		90.2	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
≥ 800		90.6	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
≥ 750		91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600		92.1	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
≥ 500		92.9	93.6	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
≥ 450		93.8	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400		94.3	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 350		94.8	95.6	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
≥ 300		95.2	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 250		95.8	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200		96.9	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	98.3
≥ 150		97.7	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100		97.9	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17826  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾/16	¾	≥0
NO CEILING	.1	74.1	75.0	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9
≥ 20000	.2	80.8	81.8	82.1	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.7
≥ 18000	.3	90.9	81.9	82.2	82.4	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8
≥ 6500	.2	31.0	81.9	82.2	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
≥ 4000	.2	31.5	82.4	82.7	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3
≥ 2000	.2	82.3	83.3	83.6	83.8	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2
≥ 1000	.2	84.8	85.8	86.1	86.3	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7
≥ 9500	.2	85.0	86.3	86.3	86.5	86.5	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9
≥ 8000	.2	86.7	87.8	88.0	88.3	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.7	88.7
≥ 7000	.2	87.7	88.8	89.1	89.3	89.3	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.7
≥ 6000	.2	88.6	89.7	90.0	90.3	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7
≥ 5000	.2	90.0	91.1	91.5	91.7	91.8	91.8	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1
≥ 4500	.2	90.6	91.8	92.2	92.4	92.5	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9
≥ 4000	.2	91.9	93.2	93.5	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2
≥ 3500	.2	92.7	93.9	94.3	94.5	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0
≥ 3000	.2	93.6	94.9	95.3	95.5	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0
≥ 2500	.2	94.9	96.3	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.6
≥ 2000	.2	96.0	97.5	98.0	98.3	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0
≥ 1800	.2	96.2	97.6	98.1	98.5	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1500	.2	96.5	98.1	98.5	98.8	98.9	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5
≥ 1200	.2	96.6	98.1	98.6	99.0	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7
≥ 1000	.2	96.6	98.1	98.6	99.0	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7
≥ 900	.2	96.6	98.1	98.6	99.0	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7
≥ 800	.2	96.6	98.2	98.7	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 700	.2	96.6	98.2	98.7	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 600	.2	96.7	98.2	98.7	99.1	99.2	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8
≥ 500	.2	96.7	98.2	98.7	99.1	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	.2	96.7	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	.2	96.7	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 200	.2	96.7	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9
≥ 100	.2	96.7	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	100.0
≥ 0	.2	96.7	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13226  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

MAY  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING																
≥ 20000	73.4	74.1	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 18000	81.3	81.8	81.9	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
≥ 16000	81.4	81.9	82.0	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
≥ 14000	82.2	82.7	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 12000	83.4	84.1	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	87.5	88.1	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	88.0	88.5	88.6	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
≥ 8000	89.9	90.4	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	91.0	91.5	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	91.7	92.3	92.5	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
≥ 5000	92.8	93.3	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500	93.3	93.5	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	93.4	94.7	94.7	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
≥ 3500	93.7	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	94.4	95.1	95.3	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	94.7	95.4	95.6	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	95.9	96.7	96.9	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	97.0	97.7	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	97.4	98.2	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	97.5	98.4	98.8	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	97.6	98.5	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	97.6	98.5	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	97.6	98.5	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.7	98.7	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.7	98.7	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.7	98.7	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	98.7	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	98.7	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	98.7	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	98.7	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	98.7	99.1	99.5	99.8	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 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17526  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000		74.6	75.5	75.7	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 18000		82.0	83.1	83.3	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 16000		82.0	83.1	83.3	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 14000		82.9	84.7	84.2	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 12000		83.9	84.9	85.2	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 10000		87.5	88.6	88.8	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 9500		87.5	88.6	88.8	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 8000		88.7	89.8	90.0	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8
≥ 7500		89.4	90.4	90.6	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 6000		89.9	91.0	91.4	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2
≥ 5000		91.4	92.5	92.9	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 4500		91.8	92.9	93.3	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 4000		93.3	94.4	94.8	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 3500		93.4	94.9	94.9	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 3000		94.0	95.7	95.5	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
≥ 2500		94.5	95.6	96.1	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 2000		96.2	97.4	98.1	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1800		96.6	97.7	98.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1500		96.9	98.1	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1200		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ U		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10226  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING																
≥ 20000		64.7	65.7	66.2	67.2	67.3	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8
≥ 18000		74.4	76.6	77.3	78.6	78.7	79.0	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2
≥ 16000		74.6	76.8	77.5	78.8	78.9	79.2	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5
≥ 14000		75.4	77.5	78.3	79.6	79.7	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2
≥ 12000		77.7	80.0	80.9	82.2	82.3	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8
≥ 10000		82.0	84.8	85.9	87.2	87.3	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8
≥ 9000		82.4	85.2	86.2	87.5	87.6	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2
≥ 8000		84.1	86.9	88.0	89.2	89.4	89.7	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9
≥ 7000		85.5	88.3	89.4	90.6	90.8	91.1	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3
≥ 6000		86.3	89.4	90.4	91.7	91.8	92.2	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4
≥ 5000		87.8	91.0	92.2	93.4	93.5	93.9	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1
≥ 4500		88.3	91.4	92.6	93.9	94.0	94.3	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5
≥ 4000		89.7	92.8	94.1	95.4	95.5	95.8	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0
≥ 3500		91.1	93.2	94.6	95.9	96.0	96.3	96.3	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 3000		91.8	93.9	95.3	96.7	96.8	97.1	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4
≥ 2500		91.4	94.5	95.9	97.3	97.4	97.7	97.7	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1
≥ 2000		91.8	95.1	96.6	98.0	98.1	98.4	98.4	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7
≥ 1800		92.3	95.5	97.1	98.4	98.5	98.8	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1200		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1000		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 900		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 800		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 700		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 600		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 500		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4
≥ 400		92.3	95.6	97.1	98.5	98.6	99.0	99.0	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5
≥ 300		92.3	95.6	97.1	98.5	98.6	99.0	99.0	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5
≥ 200		92.3	95.6	97.1	98.5	98.6	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 100		92.3	95.6	97.1	98.5	98.6	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 0		92.3	95.6	97.1	98.5	98.6	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FL  
STATION NAME

67-70, 73-80  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO RECORDS																
≥ 2000		60.4	61.4	61.8	62.0	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 1800		74.8	75.9	76.7	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1600		74.9	76.1	76.8	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1400		75.1	76.3	76.9	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1200		75.7	76.8	77.5	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1000		77.8	79.0	79.8	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 900		82.3	83.7	84.8	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 800		83.1	84.5	85.7	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 700		85.5	87.1	88.4	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 600		86.5	88.1	89.4	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 500		87.5	89.1	90.4	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500		88.7	90.4	91.7	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000		89.1	90.9	92.2	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500		90.2	91.7	93.1	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000		91.0	92.8	94.1	94.6	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500		91.9	93.9	95.2	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000		93.8	95.8	97.1	97.7	97.7	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800		94.2	96.2	97.5	98.2	98.2	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		94.9	97.0	98.3	99.1	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17526  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-8  
 YEARS

MAY  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1330-1400  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	.5	56.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	.5	74.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000	.6	74.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	.6	74.5	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	75.5
≥ 14000	.6	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	.6	77.1	78.1	78.1	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	.6	82.5	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
≥ 9000	.6	83.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	.6	96.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	.6	87.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	.6	88.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	.6	88.9	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
≥ 4500	.6	89.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	.6	90.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	.6	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	.6	92.0	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	93.8
≥ 2500	.6	94.3	96.0	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.8
≥ 2000	.6	95.7	97.5	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7
≥ 800	.6	76.0	97.8	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.1
≥ 1500	.6	96.3	98.2	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5
≥ 1200	.6	96.3	98.4	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9
≥ 1000	.6	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	.6	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	.6	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700	.6	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	.6	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	.6	76.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	.6	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	.6	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	.6	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	.6	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	.6	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-26  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

MAY  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 0-1770  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	.3	51.4	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	.2	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18500	.2	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 17000	.2	71.1	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
≥ 15500	.2	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12500	.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 11000	.2	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 9500	.2	86.5	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
≥ 8000	.2	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	88.4	88.4
≥ 7000	.2	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	.2	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000	.2	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	.2	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	.2	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	.2	92.3	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
≥ 3000	.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	.2	95.9	96.9	97.1	97.4	97.5	97.5	97.6	97.6	97.7	97.8	98.2	98.0	98.0	98.0	98.0
≥ 2000	.2	96.5	97.4	97.6	98.0	98.1	98.1	98.2	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5
≥ 1800	.2	96.9	97.8	98.1	98.4	98.5	98.5	98.6	98.6	98.7	98.9	99.2	99.0	99.0	99.0	99.0
≥ 1500	.2	97.2	98.3	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.6	99.6	99.6
≥ 1200	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1000	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 900	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 800	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 700	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 600	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 300	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 200	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 100	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 0	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 13

AD-A102 404 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
HOMESTEAD AFB, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)  
JUN 81  
UNCLASSIFIED USAFETAC/DS-81/065 SBIE-AD-E850 091 NL

3 of 5

200004



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 026 HOMESTEAD AFB FL

69-70,73-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1930-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000		57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IN 18000	•1	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IN 16000	•1	72.7	73.1	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IN 14000	•1	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IN 12000	•1	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IN 10000	•1	77.1	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
IN 8000	•1	84.1	84.5	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IN 7000	•1	85.2	85.6	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IN 6000	•1	98.4	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IN 5000	•1	90.3	90.4	90.4	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IN 4500	•1	91.2	91.6	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IN 4000	•1	91.5	91.9	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IN 3500	•1	92.7	93.2	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IN 3000	•1	93.0	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IN 2500	•1	93.7	94.5	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IN 2000	•1	94.7	95.6	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
IN 1800	•1	96.0	97.3	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IN 1500	•1	96.1	97.6	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IN 1200	•1	96.2	97.7	98.0	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IN 1000	•1	96.2	97.7	98.0	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IN 900	•1	96.6	98.1	98.4	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 800	•1	96.6	98.1	98.4	98.8	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 700	•1	96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 600	•1	96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 500	•1	96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 400	•1	96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 300	•1	96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 200	•1	96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 100	•1	96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 0	•1	96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 226  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥%	≥%	≥%	≥5/10	≥%	≥0
NO CEILING ≥ 20000		70.6	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000 ≥ 6000		80.9	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
≥ 14000 ≥ 2000		81.3	81.7	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
≥ 10000 ≥ 9000		88.3	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000 ≥ 7000		91.0	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000 ≥ 5000		92.4	93.7	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500 ≥ 4000		93.1	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500 ≥ 3000		93.7	94.4	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500 ≥ 2000		93.8	94.5	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800 ≥ 1500		94.5	95.5	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200 ≥ 1000		94.7	95.7	96.0	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900 ≥ 800		95.7	96.9	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700 ≥ 600		96.2	97.6	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500 ≥ 400		96.7	98.1	98.4	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300 ≥ 200		96.9	98.3	98.7	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100 ≥ 0		97.1	98.6	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		97.1	98.6	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10825  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.1	63.5	64.2	64.4	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 2000	.1	76.1	77.0	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
≥ 1800	.1	76.4	77.3	77.5	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0
≥ 1600	.1	76.6	77.5	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1400	.1	77.4	78.3	78.6	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1200	.1	79.5	80.4	80.7	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1000	.1	84.5	85.6	86.0	86.3	86.3	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	.1	85.2	86.3	86.6	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 800	.1	87.6	88.7	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 700	.1	88.8	89.9	90.3	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	.1	89.4	90.5	90.9	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	.1	90.4	91.6	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	.1	90.7	91.9	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	.1	91.7	92.9	93.4	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	.1	92.0	93.3	93.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 3000	.1	92.8	94.2	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 2500	.1	93.8	95.2	95.7	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 2000	.1	95.1	96.7	97.3	97.8	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3
≥ 1800	.1	95.6	97.2	97.8	98.4	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	.1	96.0	97.6	98.2	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 1200	.1	96.0	97.7	98.4	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 1000	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 900	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 800	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 700	.1	96.1	97.8	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 600	.1	96.1	97.8	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 500	.1	96.1	97.8	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	.1	96.1	97.8	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300	.1	96.1	97.8	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	.1	96.1	97.8	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100	.1	96.1	97.8	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 0	.1	96.1	97.8	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17526  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	2.0	79.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 20000	2.0	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 18000	2.0	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	86.4	86.4
IV 16000	2.0	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 14000	2.0	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 12000	2.0	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 10000	2.0	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 9500	2.0	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 8000	2.0	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 7000	2.0	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 6000	2.0	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 5000	2.0	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 4500	2.0	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 4000	2.0	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 3500	2.0	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 3000	2.0	97.3	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
IV 2500	2.0	97.8	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	99.0
IV 2000	2.0	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10-25  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-87  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.0	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2000	2.0	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	2.0	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	2.0	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1400	2.0	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	2.0	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	2.0	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900	2.0	93.3	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
≥ 800	2.0	94.9	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
≥ 700	2.0	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	2.0	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	2.0	97.2	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
≥ 4500	2.0	97.3	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
≥ 4000	2.0	97.4	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
≥ 3500	2.0	97.4	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
≥ 3000	2.0	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	2.0	98.0	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	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-25  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-87  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-0870  
HOURS (L.R.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥5/16	
NO CEILING	1.3	71.8	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 2000	1.3	81.8	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	1.3	81.6	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 6500	1.3	81.6	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1400	1.3	83.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	1.3	85.8	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 10000	1.3	89.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9500	1.3	90.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 8000	1.3	93.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 7000	1.3	94.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 6000	1.3	95.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	1.3	95.7	97.8	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
≥ 4500	1.3	95.7	97.8	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
≥ 4000	1.3	95.7	97.8	98.0	98.0	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	1.3	95.7	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	1.3	95.8	98.0	98.2	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
≥ 2500	1.3	95.8	98.0	98.2	98.2	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	1.3	96.2	98.4	98.7	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	1.3	96.4	98.7	98.9	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	1.3	96.6	99.0	99.2	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	1.3	96.8	99.1	99.3	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	1.3	96.7	99.1	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	1.3	96.7	99.1	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	1.3	96.7	99.1	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	1.3	96.7	99.1	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	1.3	96.7	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	1.3	96.7	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.3	96.7	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.3	96.7	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.3	96.7	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.3	96.7	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.3	96.7	99.1	99.4	99.6	99.6	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 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1326  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEAR

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.1	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	1.1	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	1.1	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 15000	1.1	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	1.1	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	78.4
≥ 12000	1.1	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9500	1.1	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	1.1	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000	1.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	1.1	91.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000	1.1	92.4	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	1.1	92.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	1.1	93.3	94.7	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	1.1	93.3	94.7	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	1.1	93.6	95.0	95.2	95.3	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	1.1	93.9	95.3	95.7	95.8	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	1.1	95.7	97.8	98.1	98.2	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	1.1	95.9	98.0	98.3	98.7	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	1.1	96.0	98.2	98.6	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	1.1	96.2	98.4	98.8	99.2	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 1000	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ U	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10-26  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING IN 20000	1.0	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IN 18000	1.0	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
IN 16000	1.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IN 14000	1.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IN 12000	1.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IN 10000	1.0	82.8	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IN 9000	1.0	83.2	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	84.1
IN 8000	1.0	85.2	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	86.2
IN 7000	1.0	86.9	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
IN 6000	1.0	87.7	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IN 5000	1.0	88.7	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
IN 4500	1.0	88.7	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
IN 4000	1.0	90.1	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	91.6
IN 3500	1.0	91.6	91.7	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
IN 3000	1.0	91.6	92.1	92.7	92.7	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
IN 2500	1.0	92.1	93.3	93.9	94.0	94.0	94.0	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
IN 2000	1.0	94.8	96.1	97.1	97.4	97.4	97.4	98.0	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4
IN 1800	1.0	94.9	96.2	97.2	97.6	97.6	97.6	98.2	98.2	98.2	98.4	98.6	98.6	98.7	98.7	98.7
IN 1500	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 1200	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 1000	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 900	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 800	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 700	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 600	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 500	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 400	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 300	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 200	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 100	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8
IN 0	1.0	95.4	96.9	98.0	98.6	98.6	98.6	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17526  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

JUN  
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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	1.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
18000	1.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
16000	1.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
14000	1.6	72.3	72.4	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	1.6	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
10000	1.6	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
9000	1.6	84.3	84.6	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
8000	1.6	85.9	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
7000	1.6	88.1	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
6000	1.6	88.4	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
5000	1.6	89.7	90.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
4500	1.6	90.0	90.3	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
4000	1.6	91.3	91.8	92.3	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
3500	1.6	92.2	92.7	93.2	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
3000	1.6	93.2	93.8	94.3	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
2500	1.6	94.1	94.8	95.3	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
2000	1.6	95.9	96.6	97.2	98.0	98.1	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0
1800	1.6	96.2	97.0	97.7	98.4	98.6	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4
1600	1.6	96.2	97.1	97.8	98.6	98.7	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.7
1400	1.6	96.2	97.1	97.8	98.6	98.7	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.7	99.8
1200	1.6	96.2	97.1	97.8	98.6	98.7	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.7	99.8
1000	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
900	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
800	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
700	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
600	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
500	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
400	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
300	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
200	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
100	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
0	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17526  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	1.9	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 2000	2.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
MIN 18000	2.3	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
MIN 6000	2.3	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
MIN 4000	2.3	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
MIN 2000	2.3	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
MIN 1000	2.3	87.3	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
MIN 800	2.3	88.1	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
MIN 700	2.3	89.4	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
MIN 6000	2.3	91.7	92.4	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
MIN 5000	2.3	92.6	93.4	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
MIN 4500	2.3	93.9	94.8	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
MIN 4000	2.3	94.8	95.7	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
MIN 3500	2.3	95.6	96.6	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
MIN 3000	2.3	95.8	96.8	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
MIN 2500	2.3	96.3	97.4	97.8	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
MIN 2000	2.3	96.9	98.1	98.4	98.4	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
MIN 1800	2.3	98.9	98.1	98.4	98.4	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
MIN 1500	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
MIN 1200	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
MIN 1000	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ U	2.3	97.1	98.4	98.8	99.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-81  
 YEARS

JUN  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	1.8	71.6	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
≥ 2000	1.8	82.6	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	1.8	83.0	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500	1.8	83.3	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1400	1.8	83.3	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	1.8	85.7	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1000	1.8	90.6	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	1.8	90.7	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	1.8	91.4	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 700	1.8	93.6	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	94.2
≥ 600	1.8	94.0	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	1.8	95.1	95.7	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
≥ 450	1.8	95.8	96.4	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
≥ 400	1.8	96.4	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 350	1.8	96.7	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	1.8	97.3	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 250	1.8	97.6	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	1.8	97.8	98.7	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 150	1.8	97.8	98.7	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	1.8	97.8	98.7	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 70	1.8	97.9	98.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 60	1.8	97.9	98.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 40	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 30	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 20	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 10	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFM WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1973 HOMESTEAD AFB FL

69-70,73-8

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	1.7	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 2000	1.7	77.7	78.7	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
≥ 1800	1.7	78.2	79.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1500	1.7	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1400	1.7	79.5	81.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	1.7	82.4	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	1.7	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900	1.7	88.8	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	1.7	90.4	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	1.7	92.1	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	1.7	92.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 500	1.7	93.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 450	1.7	93.9	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	95.2
≥ 400	1.7	94.6	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 350	1.7	94.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	1.7	95.2	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 250	1.7	95.6	96.3	97.1	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	1.7	96.7	97.1	98.4	98.6	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 150	1.7	96.9	98.2	98.6	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	1.7	97.1	98.5	98.8	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 70	1.7	97.1	98.5	98.9	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50	1.7	97.2	98.5	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 30	1.7	97.2	98.5	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 20	1.7	97.2	98.5	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10	1.7	97.2	98.5	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5	1.7	97.2	98.5	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	1.7	97.2	98.5	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

JUL  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

000-0000  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	3.3	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	77.8
≥ 20000	3.5	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IN V 18000	3.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 18000	3.5	89.9	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
IN V 14000	3.5	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	90.4	90.4
≥ 14000	3.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IN V 10000	3.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 10000	3.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IN V 8000	3.5	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	96.9
≥ 8000	3.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IN V 6000	3.5	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	97.2
≥ 6000	3.5	97.3	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
IN V 5000	3.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	3.5	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
IN V 4500	3.5	97.8	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
≥ 4500	3.5	97.8	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
IN V 3000	3.5	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN V 800	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN V 1200	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN V 900	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN V 700	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN V 600	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN V 500	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN V 400	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN V 300	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN V 200	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN V 100	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10826  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

JUL  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1300-0500  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1/4	≥1	≥1/2	≥1/4	≥1/8	≥1/4	≥1/8	≥1/16	
NO CEILING	3.3	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20000	3.3	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 18000	3.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 16000	3.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 14000	3.3	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 12000	3.3	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 10000	3.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 9000	3.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	3.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	3.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	3.3	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	97.2	97.2
≥ 5000	3.3	97.1	97.3	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
≥ 4500	3.3	97.2	97.4	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
≥ 4000	3.3	97.5	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
≥ 3500	3.3	97.5	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
≥ 3000	3.3	97.5	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
≥ 2500	3.3	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	3.3	99.1	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
≥ 1800	3.3	99.1	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
≥ 1500	3.3	99.2	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
≥ 1200	3.3	99.2	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
≥ 1000	3.3	99.2	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
≥ 900	3.3	99.2	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
≥ 800	3.3	99.2	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
≥ 700	3.3	99.2	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
≥ 600	3.3	99.2	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
≥ 500	3.3	99.2	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
≥ 400	3.3	99.2	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
≥ 300	3.3	99.2	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	3.3	99.2	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	3.3	99.2	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
U	3.3	99.2	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 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17823  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-87  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1600-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1/4	≥1	≥1/2	≥1/4	≥1/8	≥5/16	≥1/4	≥0
NO CEILING	3.3	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	3.3	93.7	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	3.3	83.8	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 15000	3.3	84.2	84.8	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
≥ 14000	3.3	84.8	85.6	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
≥ 12000	3.3	87.6	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 10000	3.3	93.4	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	3.3	93.8	94.5	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
≥ 8000	3.3	96.3	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 7000	3.3	96.5	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 6000	3.3	96.6	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	3.3	97.1	98.2	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
≥ 4500	3.3	97.1	98.2	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
≥ 4000	3.3	97.1	98.2	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
≥ 3500	3.3	97.1	98.2	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
≥ 3000	3.3	97.1	98.2	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
≥ 2500	3.3	97.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17626  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-87  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	3.0	80.6	81.1	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 18000	3.0	81.2	81.5	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
≥ 6000	3.0	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 14000	3.0	86.8	87.1	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
≥ 2000	3.0	92.2	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 10000	3.0	92.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 9000	3.0	94.4	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 8000	3.0	94.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 7000	3.0	94.9	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 6000	3.0	95.3	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 5000	3.0	95.3	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 4500	3.0	95.3	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000	3.0	95.3	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 3500	3.0	95.3	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	3.0	95.4	96.2	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
IV 2500	3.0	96.2	97.1	97.3	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	3.0	97.4	98.7	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	3.0	97.5	98.8	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
≥ 1500	3.0	97.6	98.9	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17026  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-87  
 YEARS

JUL  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	2.2	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
≥ 18000	2.2	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	2.2	78.5	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	78.9
≥ 14000	2.2	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	2.2	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 10000	2.2	90.5	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	2.2	91.2	92.0	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
≥ 8000	2.2	93.7	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	2.2	94.0	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
≥ 6000	2.2	94.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 5000	2.2	94.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	2.2	94.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	2.2	94.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	2.2	94.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	2.2	94.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	2.2	95.8	97.1	97.2	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	2.2	97.1	98.5	98.8	98.9	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 1800	2.2	97.1	98.5	98.8	98.9	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 1500	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9
≥ 1200	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0
≥ 1000	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0
≥ 900	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0
≥ 800	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0
≥ 700	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0
≥ 600	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0
≥ 500	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0
≥ 400	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0
≥ 300	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0
≥ 200	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0
≥ 100	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0
≥ 0	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12226  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	1.3	48.0	49.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	2.3	79.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	2.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	2.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 14000	2.3	81.6	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
IV 12000	3.0	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 10000	3.0	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 9000	3.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 8000	3.0	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 7000	3.0	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 6000	3.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 5000	3.0	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 4500	3.0	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 4000	3.0	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 3500	3.0	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 3000	3.0	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	96.6	96.6
IV 2500	3.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2000	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 100	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 0	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AFM WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10426  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

JUL  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-2000  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	2.3	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IN V 18000 6000	2.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IN V 14000 12000	2.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IN V 10000 9000	3.0	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	95.2	95.2
IN V 8000 7000	3.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IN V 6000 5000	3.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IN V 4500 4000	3.0	97.6	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
IN V 3500 3000	3.0	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	98.5
IN V 2500 2000	3.0	98.7	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
IN V 1800 1500	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN V 1200 1000	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN V 900 800	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN V 700 600	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN V 500 400	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN V 300 200	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN V 100 0	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1526  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥0
NO CEILING	2.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 20000	2.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 18000	2.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 16000	2.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 14000	2.6	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	2.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 10000	2.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 9000	2.6	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 8000	2.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 7000	2.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	2.6	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	97.2
≥ 5000	2.6	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	2.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	2.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	2.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	2.6	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
≥ 2500	2.7	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	2.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	2.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	2.7	98.8	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	2.7	98.8	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	2.7	98.8	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
≥ 900	2.7	98.8	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
≥ 800	2.7	98.8	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	2.7	98.8	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	2.7	98.8	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	2.7	98.8	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
≥ 400	2.7	98.8	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
≥ 300	2.7	98.8	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
≥ 200	2.7	98.8	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
≥ 100	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	2.7	98.8	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

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 ATR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10H26  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

JUL  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	2.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 27000	3.0	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 18000	3.0	83.8	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	84.1
≥ 9000	3.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	3.0	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	3.0	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
≥ 10000	3.0	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 9000	3.0	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	3.0	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 7000	3.0	96.0	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 6000	3.0	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5000	3.0	96.4	96.9	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
≥ 4500	3.0	96.5	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
≥ 4000	3.0	96.6	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	3.0	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	3.0	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	3.0	97.5	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	3.0	93.4	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	3.0	98.4	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-87  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	1.2	91.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 18000	1.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 14000	1.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 10000	1.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 8000	1.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 6000	1.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	1.2	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	1.2	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	1.2	98.4	98.7	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
≥ 1800	1.2	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	1.2	99.1	99.5	99.7	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	1.2	99.1	99.5	99.7	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	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	1.2	99.1	99.5	99.7	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	1.2	99.1	99.5	99.7	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	1.2	99.1	99.5	99.7	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	1.2	99.1	99.5	99.7	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	1.2	99.1	99.5	99.7	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	1.2	99.1	99.5	99.7	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	1.2	99.1	99.5	99.7	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 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-26  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-87  
YEARS

AUG.  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING ≥ 20000	1.0	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
18000 ≥ 6700	1.0	90.8	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	91.2
14000 ≥ 2000	1.0	91.1	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
12000 9000	1.0	92.3	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
8000 7000	1.0	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
6000 5000	1.0	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
4500 4000	1.0	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
3500 3000	1.0	96.6	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
2500 2000	1.0	97.4	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1800 1500	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1200 1000	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900 800	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700 600	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500 400	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300 200	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 0	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17626  
STATION

HOMESTEAD AFB FL  
STATION NAME

59-70,73-80  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	.9	71.9	72.4	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	.9	87.0	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
≥ 18000	.9	87.0	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
≥ 16000	.9	87.4	87.8	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 14000	.9	87.8	88.3	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 12000	.9	90.3	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 10000	.9	92.7	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 9000	.9	92.9	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 8000	.9	94.0	94.7	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 7000	.9	94.2	94.9	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 6000	.9	94.7	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 5000	.9	95.2	96.2	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 4500	.9	95.2	96.2	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 4000	.9	95.3	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 3500	.9	95.5	96.6	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 3000	.9	95.5	96.6	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 2500	.9	95.8	97.1	97.5	97.7	97.7	97.7	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 2000	.9	96.5	98.0	98.4	98.6	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2
≥ 1800	.9	96.5	98.0	98.4	98.6	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2
≥ 1500	.9	96.8	98.3	98.8	99.0	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7
≥ 1200	.9	96.8	98.3	98.8	99.0	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7
≥ 1000	.9	96.9	98.4	98.9	99.2	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9
≥ 900	.9	96.9	98.4	98.9	99.2	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9
≥ 800	.9	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 700	.9	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 600	.9	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 500	.9	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 400	.9	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 300	.9	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	.9	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	.9	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	.9	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1956  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

740-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
≥ 20000	1.2	63.4	62.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	1.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 16000	1.2	83.4	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
≥ 14000	1.2	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
≥ 12000	1.2	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000	1.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	1.2	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	93.5	93.5
≥ 6000	1.3	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
≥ 5000	1.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	1.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	1.3	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	1.3	95.4	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	1.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	1.3	95.7	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
≥ 2000	1.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	1.3	96.6	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1500	1.3	97.2	97.8	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.4	98.4	98.5	98.5
≥ 1200	1.3	97.7	98.5	98.6	98.7	98.7	98.8	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 1000	1.4	97.8	98.6	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.4	99.5	99.5	99.6	99.6
≥ 900	1.4	98.1	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.5	99.6	99.6	99.7	99.7
≥ 800	1.4	98.0	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.5	99.6	99.6	99.7	99.7
≥ 700	1.4	98.0	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.5	99.6	99.6	99.7	99.7
≥ 600	1.4	98.0	98.8	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0
≥ 500	1.4	98.0	98.8	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0
≥ 400	1.4	98.0	98.8	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0
≥ 300	1.4	98.0	98.8	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0
≥ 200	1.4	98.0	98.8	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0
≥ 100	1.4	98.0	98.8	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0
≥ U	1.4	98.0	98.8	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17826  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

AUG.  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	
≥ 2000	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	
≥ 1800	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	
≥ 1600	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
≥ 1400	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
≥ 1200	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
≥ 1000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
≥ 900	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
≥ 800	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
≥ 700	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
≥ 600	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
≥ 500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
≥ 450	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
≥ 400	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
≥ 350	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
≥ 300	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	
≥ 250	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
≥ 200	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	
≥ 150	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 120	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 90	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 70	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 60	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 0	100.0	100.0	100.0	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 232

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10-26  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

AUG  
 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	¾	≥½	≥3/16	≥4	≥0
NO CEILING	1.3	49.7	49.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	2.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000	2.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 16000	2.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	2.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	2.5	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 10000	2.5	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	2.5	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	93.2
≥ 7000	2.5	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	2.5	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	2.5	93.3	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
≥ 4500	2.5	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	2.5	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	2.5	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	2.5	95.3	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	2.5	96.0	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	2.5	97.2	97.7	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	2.5	97.5	98.1	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
≥ 1500	2.5	98.0	98.5	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
≥ 1200	2.5	98.0	98.5	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
≥ 1000	2.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	2.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	2.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	2.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	2.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	2.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	2.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	2.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	2.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	2.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	2.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	1.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 2000	2.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1800	2.6	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	82.8	82.8
≥ 1600	2.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1400	2.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	2.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	2.6	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	2.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	2.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 400	2.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 300	2.6	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	96.0	96.0
≥ 200	2.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 150	2.6	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 100	2.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 75	2.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 50	2.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 25	2.6	97.4	97.6	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 15	2.6	98.6	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 10	2.6	98.6	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 7.5	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3.75	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2.5	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1.875	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1.5	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1.25	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.75	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.5	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.25	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12226  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-87  
 YEARS

AUG  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	1.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 27000	1.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 18000	1.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 15000	1.5	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 14000	1.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 12000	1.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 10000	1.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 9000	1.5	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	1.5	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	97.2
≥ 7000	1.5	97.3	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
≥ 6000	1.5	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	1.5	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	1.5	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	1.5	97.8	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
≥ 3500	1.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	1.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	1.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	1.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	1.6	99.4	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
≥ 1500	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10-26  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NTL CEILING ≥ 20000	1.2	55.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 18000 ≥ 17000	1.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000 ≥ 15000	1.5	86.2	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
≥ 14000 ≥ 13000	1.5	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 12000 ≥ 11000	1.5	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 10000 ≥ 9500	1.5	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	94.6
≥ 9000 ≥ 8500	1.5	95.1	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 8000 ≥ 7500	1.5	95.3	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000 ≥ 5000	1.5	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500 ≥ 4000	1.5	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3500 ≥ 3000	1.6	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500 ≥ 2000	1.6	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800 ≥ 1500	1.6	97.0	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200 ≥ 1000	1.6	98.0	98.6	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 900 ≥ 800	1.6	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 700 ≥ 600	1.6	98.3	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
≥ 500 ≥ 400	1.6	98.4	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300 ≥ 200	1.6	98.4	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100 ≥ 0	1.6	98.4	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1952  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-87  
 YEARS

SEP  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	1.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	1.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
18000	1.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
16000	1.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
14000	1.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
12000	1.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
10000	1.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
9000	1.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
8000	1.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
7000	1.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
6000	1.7	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	95.6
5000	1.7	95.6	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
4500	1.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
4000	1.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
3500	1.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
3000	1.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2500	1.7	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	97.7	97.7
2000	1.7	97.6	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
1800	1.7	97.9	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
1500	1.7	98.2	99.0	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
1200	1.7	98.2	99.0	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
1000	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
900	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
800	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
700	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
600	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
500	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
400	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
300	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

CLERICAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-26  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	1.7	77.9	78.7	78.0	79.1	78.1	78.1	78.1	79.1	78.1	78.2	78.2	73.2	78.2	79.2	78.2
≥ 20000	1.7	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 18000	1.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 15000	1.7	88.9	89.1	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	1.7	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 12000	1.7	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 10000	1.7	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 9500	1.7	94.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000	1.7	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 7000	1.7	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 6000	1.7	96.7	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5000	1.7	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500	1.7	96.7	97.1	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000	1.7	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	1.7	96.7	97.1	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	1.7	96.9	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	1.7	97.0	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	1.7	97.8	98.2	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	1.7	97.9	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	1.7	98.1	98.8	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	1.7	98.1	98.8	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	1.7	98.1	99.0	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.7	98.1	99.0	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.7	98.1	99.0	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.7	98.1	99.0	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17020  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	1.4	69.9	70.0	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 20000	1.6	84.4	84.8	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000	1.6	84.9	85.2	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 16000	1.6	85.1	85.4	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 14000	1.6	85.6	85.9	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
≥ 12000	1.6	87.2	87.6	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 10000	1.8	93.6	94.2	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 9000	1.8	93.9	94.6	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 8000	1.8	94.9	95.6	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 7000	1.8	95.8	96.6	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	1.8	96.0	96.8	97.4	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 5000	1.8	96.0	97.0	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	1.8	96.1	97.1	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4000	1.8	96.1	97.1	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	1.8	96.1	97.1	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	1.8	96.1	97.1	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	1.8	96.1	97.1	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 2000	1.8	96.6	97.6	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1800	1.8	96.6	97.6	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1500	1.8	96.8	97.9	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 1200	1.8	96.8	97.9	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 1000	1.8	96.8	97.9	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 900	1.8	96.9	98.0	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 800	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

1726  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 2000	1.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1800	1.6	91.9	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	81.9
≥ 1600	1.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1400	1.9	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	84.3
≥ 1200	1.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	1.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	1.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	1.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	1.9	95.4	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
≥ 600	1.9	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	1.3	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 450	1.9	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	1.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 350	1.3	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	1.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 250	1.9	97.1	97.6	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
≥ 200	1.9	98.4	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 150	1.9	98.4	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	1.9	98.4	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 80	1.9	98.4	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 60	1.9	98.4	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 40	1.9	98.4	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 30	1.9	98.4	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 20	1.9	98.4	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 10	1.9	98.4	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	1.9	98.4	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-26  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-87  
 YEARS

SEP  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

F. N. O. (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 15	≥ 20	≥ 25
≥ 8000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 7000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9
≥ 1500	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 450	94.7	94.7	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 400	94.8	94.8	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 350	94.9	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 300	95.3	95.3	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 250	96.0	96.0	96.0	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 200	97.6	97.6	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 150	97.8	97.8	97.8	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
≥ 100	98.9	98.9	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	97.8	97.8	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.8	97.8	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.8	97.8	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	97.8	97.8	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	97.8	97.8	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	97.8	97.8	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	97.8	97.8	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	97.8	97.8	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1826  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

SEP  
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	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING ≥ 2000	1.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1800	2.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 1600	2.2	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1400	2.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1200	2.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1000	2.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 800	2.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	2.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	2.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 5000	2.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500	2.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	2.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	2.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	2.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	2.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	2.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	2.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 300	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 200	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 100	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 0	2.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-26  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1810-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	52.4	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 2000	1.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IN 1800	1.4	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IN 1600	1.4	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	81.0	81.0
IN 1400	1.4	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	81.9	81.9
IN 1200	1.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IN 1000	1.4	92.0	92.1	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
IN 900	1.4	94.3	94.4	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
IN 800	1.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IN 700	1.4	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IN 6000	1.4	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IN 5000	1.4	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IN 4500	1.4	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IN 4000	1.4	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IN 3500	1.4	96.7	97.0	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
IN 3000	1.4	97.1	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
IN 2500	1.4	97.3	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
IN 2000	1.4	97.8	98.3	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
IN 1800	1.4	98.0	98.6	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
IN 1500	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 1200	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 1000	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 900	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 800	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 700	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 600	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 500	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 400	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 300	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 200	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 100	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 0	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 924



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1026  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	1.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 20000	1.3	34.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 18000	1.3	64.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 15000	1.3	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	86.0
≥ 14000	1.3	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	1.3	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 11000	1.3	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 9000	1.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 8000	1.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 7000	1.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000	1.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 5000	1.3	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	1.3	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	1.3	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	1.3	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	1.3	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	1.3	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	97.9	97.9
≥ 2000	1.3	98.4	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	1.3	98.4	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	1.3	98.6	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	1.3	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	1.3	98.8	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	1.3	98.8	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	1.3	98.8	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	1.3	98.8	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	1.3	98.8	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	1.3	98.9	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.3	98.9	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.3	98.9	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.3	98.9	99.6	99.6	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	1.3	98.9	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.3	98.9	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	1.2	42.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥ 2000	1.2	82.3	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
≥ 1800	1.8	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	1.8	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	83.5
≥ 1400	1.8	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200	1.8	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	1.9	92.5	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900	1.9	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	1.9	94.8	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	1.9	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	1.9	95.6	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 500	1.9	95.9	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	96.6
≥ 450	1.9	96.1	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	1.9	96.2	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 350	1.9	96.2	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	1.9	96.5	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
≥ 250	1.9	97.1	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 200	1.9	97.8	98.4	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 150	1.9	97.8	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 120	1.9	98.1	98.9	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	1.9	98.1	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 90	1.9	98.1	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 80	1.9	98.1	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 70	1.9	98.1	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 60	1.9	98.1	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 50	1.9	98.1	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 40	1.9	98.1	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 30	1.9	98.1	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 20	1.9	98.1	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 10	1.9	98.1	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	1.9	98.1	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1974  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

67-70,73-87  
 YEARS

OCT  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.7	≥ 2	≥ 1.7	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	1.7	74.9	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2000	1.7	82.8	83.3	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
≥ 1800	1.7	82.9	83.4	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
≥ 1600	1.7	83.2	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
≥ 1400	1.7	84.3	84.9	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
≥ 1200	1.3	84.7	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	1.3	87.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	1.3	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 800	1.3	90.9	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 700	1.3	91.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 600	1.3	91.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	1.3	93.2	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
≥ 450	1.3	93.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 400	1.3	94.3	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
≥ 350	1.3	95.2	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300	1.3	95.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 250	1.3	96.2	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	1.3	96.6	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 180	1.3	96.9	97.7	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
≥ 150	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 120	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 90	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 80	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 70	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 60	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 50	1.3	97.7	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 40	1.3	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	1.3	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	1.3	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	1.3	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.3	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AFM WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 -26  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-87  
 YEARS

OCT  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300- 000  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1.7	≥1½	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	1.6	72.4	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8
≥ 2000	1.7	79.8	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
≥ 1800	1.7	79.8	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
≥ 1600	1.7	80.0	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4
≥ 1400	1.7	80.9	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3
≥ 1200	1.7	82.3	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7
≥ 1000	1.7	84.9	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6
≥ 900	1.7	85.5	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
≥ 800	1.7	88.3	89.6	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4
≥ 700	1.7	89.5	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9
≥ 600	1.7	89.6	91.2	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0
≥ 500	1.7	90.3	91.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8
≥ 450	1.7	90.8	92.4	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2
≥ 400	1.7	91.8	93.5	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 350	1.7	92.7	94.4	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 300	1.7	93.8	95.7	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 250	1.7	94.1	96.0	96.7	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 200	1.7	94.6	97.0	97.6	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 180	1.7	94.8	97.2	97.8	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
≥ 160	1.7	94.9	97.3	98.0	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 140	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 120	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 100	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 90	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 80	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 70	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 60	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 50	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 40	1.7	95.1	97.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 30	1.7	95.1	97.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 20	1.7	95.1	97.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 10	1.7	95.1	97.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 0	1.7	95.1	97.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-8  
YEARS

CCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-2400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NOT REPORTED	.6	64.3	67.4	68.0	68.3	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 2700	.6	73.9	77.1	77.5	77.8	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1800	.6	74.0	77.1	77.6	78.0	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1500	.6	74.9	78.1	78.6	78.9	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	.6	77.2	80.3	80.9	81.2	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1000	.6	80.4	83.9	84.6	85.1	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 900	.6	81.3	84.7	85.5	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 800	.6	85.6	89.1	90.0	90.4	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 700	.6	87.2	91.0	91.8	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	.6	87.7	91.8	92.4	92.8	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	.6	88.0	91.8	92.4	93.2	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 450	.6	88.4	92.3	93.2	93.7	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 400	.6	82.4	93.4	94.4	94.8	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 350	.6	89.8	93.9	94.8	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300	.6	90.8	94.9	95.9	96.3	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 250	.6	91.1	95.8	96.7	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	.6	91.2	95.7	97.0	97.5	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 150	.6	91.3	95.8	97.1	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	.6	91.4	96.0	97.3	97.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 80	.6	91.5	96.1	97.5	98.1	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 60	.6	91.6	96.2	97.6	98.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 40	.6	91.7	96.3	97.8	98.4	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 20	.6	91.7	96.3	97.8	98.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 10	.6	91.7	96.3	97.8	98.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	.6	91.7	96.3	97.8	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	.6	91.8	96.7	98.2	98.7	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	.6	91.8	96.7	98.2	98.8	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	.6	91.8	96.7	98.2	98.8	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.6	91.8	96.7	98.2	98.8	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	.6	91.8	96.7	98.2	98.8	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.6	91.8	96.7	98.2	98.8	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17026  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

007  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0	
NO CEILING	.9	66.0	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2000	.7	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800	.9	77.5	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1600	.9	77.6	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	78.6
≥ 1400	.9	78.5	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1200	1.0	81.3	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1000	1.0	84.1	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 900	1.0	85.2	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
≥ 800	1.0	89.0	89.9	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
≥ 700	1.0	90.0	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	1.0	91.0	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 500	1.0	91.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 450	1.0	92.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 400	1.0	92.7	93.7	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 350	1.0	93.0	94.0	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 300	1.0	93.5	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 250	1.0	94.9	96.0	96.5	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 200	1.0	96.0	97.4	97.8	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 150	1.0	96.0	97.4	97.8	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100	1.0	96.2	97.7	98.3	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 80	1.0	96.3	97.8	98.5	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 60	1.0	96.7	98.2	98.8	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 40	1.0	96.8	98.3	99.0	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 20	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

067  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1726-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1/4	≥1	≥1/2	≥1/8	≥1/16	≥1/32	≥1/64	≥0
NO CEILING	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 2000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1600	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1400	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1200	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	81.9	81.9
≥ 1000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 900	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 800	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	91.7	91.7	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
≥ 5000	92.6	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	92.9	92.9
≥ 4500	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	94.2	94.2	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
≥ 3500	94.4	94.4	94.8	94.8	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	94.7	94.7	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	95.8	95.8	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	97.0	97.0	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	97.2	97.2	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	97.6	97.6	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	97.6	97.6	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	97.7	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	97.7	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	97.7	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	97.7	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	97.7	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	97.7	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	97.7	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	97.7	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	97.7	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	97.7	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	97.7	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-26  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70,73-80  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥ 0	≥ 0.25	≥ 0.5	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 15	≥ 20	≥ 25	≥ 30
NO. REPORTED	1.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 20000	1.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 18000	1.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	1.2	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	76.3
≥ 14000	1.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	1.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000	1.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	1.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	1.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	1.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	1.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	1.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	1.2	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	1.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3500	1.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	1.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	1.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	1.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1600	1.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1400	1.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	1.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	1.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	1.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	1.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	1.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	1.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	1.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	1.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	1.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	1.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	1.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	1.2	97.6	98.2	98.6	98.9	99.1	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1. 26  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

CCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
≥ 2000	1.3	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 1800	1.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1600	1.3	75.5	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
≥ 1400	1.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1200	1.3	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1000	1.3	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 900	1.3	86.1	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
≥ 800	1.3	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	87.2	87.2
≥ 700	1.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 600	1.3	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	1.3	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 450	1.3	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 400	1.3	93.9	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
≥ 350	1.3	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	1.3	95.2	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 250	1.3	95.7	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	1.3	97.3	98.5	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 180	1.3	97.5	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 150	1.3	97.5	98.9	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 120	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 90	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 80	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 70	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 60	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 50	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 40	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 30	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 20	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10-26  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

OCT  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-23  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	1.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 18000	1.3	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	82.5
IV 16000	1.3	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	82.5
IV 14000	1.3	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 12000	1.3	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 10000	1.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 9000	1.3	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 8000	1.3	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
IV 7000	1.3	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 6000	1.3	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 5000	1.3	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 4500	1.3	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 4000	1.3	95.2	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
IV 3500	1.3	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	96.3	96.3
IV 3000	1.3	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2500	1.3	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 2000	1.3	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1800	1.3	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	1.3	98.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	1.3	98.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	1.3	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	1.3	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	1.3	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	1.3	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	1.3	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	1.3	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	1.3	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	1.3	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	1.3	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	1.3	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	1.3	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1926  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	1.2	67.4	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
18000 ≥ 17000	1.2	78.4	79.1	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
14000 ≥ 12000	1.2	79.5	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
10000 ≥ 9000	1.2	85.4	86.3	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
8000 ≥ 7000	1.2	89.3	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
6000 ≥ 5000	1.2	91.0	92.1	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
4500 ≥ 4000	1.2	92.2	93.3	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
3500 ≥ 3000	1.2	93.6	94.8	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
2500 ≥ 2000	1.2	95.0	96.4	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1800 ≥ 1500	1.2	96.1	97.6	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
1200 ≥ 1000	1.2	96.4	98.1	98.6	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900 ≥ 800	1.2	96.5	98.2	98.8	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
700 ≥ 600	1.2	96.6	98.3	98.9	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
500 ≥ 400	1.2	96.6	98.3	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
300 ≥ 200	1.2	96.6	98.4	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
100 ≥ 0	1.2	96.6	98.4	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AFB WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

11-26  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0	
NO CEILING																	
≥ 20000		72.2	72.8	73.1	73.4	73.4	73.4	73.6	73.6	73.7	73.7	73.7	73.9	73.9	74.0	74.2	
≥ 18000		76.3	77.0	77.3	77.7	77.7	77.7	77.8	77.8	77.9	77.9	78.2	78.2	78.2	78.3	78.8	
≥ 16000		76.6	77.2	77.6	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.4	78.4	78.6	79.0	
≥ 14000		76.7	77.3	77.7	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.6	78.6	78.7	79.2	
≥ 12000		76.8	77.4	77.8	78.1	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.7	78.7	78.8	79.3	
≥ 10000		78.1	78.8	79.1	79.4	79.4	79.4	79.6	79.6	79.7	79.7	79.7	80.0	80.0	80.1	80.7	
≥ 9000		81.4	82.1	82.6	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.4	83.4	83.6	84.1	
≥ 8000		82.7	83.3	83.8	84.1	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.7	84.7	84.8	85.3	
≥ 7000		84.8	85.4	85.9	86.2	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.8	86.8	86.9	87.4	
≥ 6000		85.7	86.3	86.9	87.4	87.4	87.4	87.6	87.6	87.7	87.7	87.7	88.0	88.0	88.1	88.7	
≥ 5000		87.3	88.0	88.6	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.7	89.7	89.8	90.3	
≥ 4500		89.1	89.8	90.3	90.9	90.9	90.9	91.0	91.0	91.1	91.1	91.1	91.4	91.4	91.6	92.1	
≥ 4000		90.3	91.1	91.7	92.2	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.8	92.8	92.9	93.4	
≥ 3500		91.8	92.6	93.1	93.7	93.7	93.7	93.8	93.8	93.9	93.9	93.9	94.2	94.2	94.3	94.9	
≥ 3000		93.1	93.9	94.4	95.0	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.6	95.6	95.7	96.2	
≥ 2500		94.2	95.1	95.7	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.8	96.8	96.9	97.4	
≥ 2000		95.6	96.6	97.1	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9	98.2	98.2	98.3	98.9	
≥ 1800		96.1	97.1	97.7	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.8	98.8	98.9	99.4	
≥ 1600		96.3	97.3	97.9	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.1	99.7	
≥ 1400		96.3	97.3	97.9	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.1	99.7	
≥ 1200		96.3	97.3	97.9	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.1	99.7	
≥ 1000		96.3	97.3	97.9	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.1	99.7	
≥ 900		96.4	97.4	98.0	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.2	99.8	
≥ 800		96.4	97.4	98.0	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.2	99.8	
≥ 700		96.6	97.6	98.1	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.2	99.2	99.3	99.9	
≥ 600		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0	
≥ 500		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0	
≥ 400		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0	
≥ 300		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0	
≥ 200		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0	
≥ 100		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0	
≥ 0		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17 26  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

NOV  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1300-1500  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	.3	70.0	72.1	73.0	73.0	73.3	73.3	73.3	73.4	73.7	74.2	74.2	74.4	74.6	74.9	75.0
≥ 2000	.3	72.6	74.7	75.9	76.1	76.4	76.4	76.4	76.6	76.8	77.3	77.3	77.6	77.7	78.1	78.2
≥ 1800	.3	72.6	74.7	75.9	76.1	76.4	76.4	76.4	76.6	76.8	77.3	77.3	77.6	77.7	78.1	78.2
≥ 1600	.3	72.6	74.7	75.9	76.1	76.4	76.4	76.4	76.6	76.8	77.3	77.3	77.6	77.7	78.1	78.2
≥ 1400	.3	73.0	75.1	76.3	76.6	76.9	76.9	76.9	77.0	77.2	77.8	77.8	78.0	78.1	78.6	78.7
≥ 1200	.3	74.7	76.8	78.1	78.2	78.6	78.6	78.6	78.7	78.9	79.4	79.4	79.7	79.8	80.2	80.3
≥ 1000	.3	77.1	79.3	80.7	80.9	81.2	81.2	81.2	81.3	81.6	82.1	82.1	82.3	82.4	82.9	83.0
≥ 900	.3	78.0	80.3	81.7	81.9	82.2	82.2	82.2	82.3	82.6	83.1	83.1	83.3	83.4	83.9	84.0
≥ 800	.3	80.0	82.6	84.0	84.2	84.6	84.6	84.6	84.7	84.9	85.4	85.4	85.7	85.9	86.2	86.3
≥ 700	.3	80.6	83.1	84.6	84.8	85.1	85.1	85.1	85.2	85.4	86.0	86.0	86.2	86.3	86.8	86.9
≥ 6000	.3	81.6	84.1	85.6	85.8	86.1	86.1	86.1	86.2	86.4	87.0	87.0	87.2	87.3	87.8	87.9
≥ 5000	.4	84.3	87.0	88.4	88.7	89.0	89.0	89.0	89.1	89.3	89.9	89.9	90.1	90.2	90.7	90.8
≥ 4500	.4	85.6	88.3	89.8	90.0	90.3	90.3	90.3	90.4	90.7	91.2	91.2	91.4	91.6	92.0	92.1
≥ 4000	.4	87.6	90.3	91.8	92.0	92.3	92.3	92.3	92.4	92.7	93.2	93.2	93.4	93.6	94.0	94.1
≥ 3500	.4	88.0	90.8	92.2	92.4	92.8	92.8	92.8	92.9	93.1	93.7	93.7	93.9	94.0	94.4	94.6
≥ 3000	.4	88.8	91.6	93.1	93.3	93.7	93.7	93.7	93.8	94.0	94.6	94.6	94.9	95.0	95.4	95.6
≥ 2500	.4	89.3	92.3	93.9	94.1	94.4	94.4	94.4	94.6	94.8	95.3	95.3	95.7	95.9	96.2	96.3
≥ 2000	.4	90.4	93.4	95.0	95.2	95.6	95.6	95.7	95.8	96.0	96.6	96.6	96.9	97.0	97.4	97.6
≥ 1800	.4	90.7	93.8	95.3	95.6	95.9	95.9	96.0	96.1	96.3	96.9	96.9	97.2	97.3	97.8	97.9
≥ 1500	.4	90.7	93.8	95.3	95.6	95.9	95.9	96.0	96.1	96.3	96.9	96.9	97.2	97.3	97.8	97.9
≥ 1200	.4	90.7	93.8	95.3	95.6	95.9	95.9	96.0	96.1	96.3	96.9	96.9	97.2	97.3	97.8	97.9
≥ 1000	.4	90.9	94.0	95.6	95.8	96.1	96.1	96.2	96.3	96.6	97.1	97.1	97.4	97.6	98.0	98.1
≥ 900	.4	90.9	94.0	95.6	95.8	96.1	96.1	96.2	96.3	96.6	97.1	97.1	97.4	97.6	98.0	98.1
≥ 800	.4	91.0	94.1	95.7	95.9	96.2	96.2	96.3	96.4	96.7	97.3	97.3	97.7	97.8	98.2	98.3
≥ 700	.4	91.2	94.3	95.9	96.1	96.4	96.4	96.6	96.7	96.9	97.6	97.6	97.9	98.0	98.4	98.6
≥ 600	.4	91.3	94.4	96.0	96.2	96.6	96.6	96.7	96.8	97.0	97.7	97.7	98.0	98.1	98.6	98.7
≥ 500	.4	91.3	94.4	96.0	96.2	96.6	96.6	96.8	96.9	97.2	98.0	98.0	98.4	98.6	99.0	99.2
≥ 400	.4	91.3	94.4	96.0	96.2	96.6	96.7	96.9	97.0	97.3	98.1	98.1	98.6	98.7	99.1	99.4
≥ 300	.4	91.4	94.6	96.1	96.3	96.7	96.9	97.1	97.2	97.7	98.4	98.4	98.9	99.0	99.4	99.8
≥ 200	.4	91.4	94.6	96.1	96.3	96.7	96.9	97.1	97.2	97.7	98.4	98.4	98.9	99.1	99.5	100.0
≥ 100	.4	91.4	94.6	96.1	96.3	96.7	96.9	97.1	97.2	97.7	98.4	98.4	98.9	99.1	99.6	100.0
≥ 0	.4	91.4	94.6	96.1	96.3	96.7	96.9	97.1	97.2	97.7	98.4	98.4	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFG WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10826  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

NGV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILINGS	.1	63.7	67.2	69.3	70.6	70.8	70.9	71.1	71.4	71.7	71.9	72.0	72.2	72.2	72.4	72.4
≥ 2000	.1	63.9	72.7	74.8	76.0	76.2	76.3	76.6	76.9	77.1	77.3	77.4	77.7	77.7	77.9	78.1
≥ 1800	.1	68.9	72.7	74.8	76.0	76.2	76.3	76.6	76.9	77.1	77.3	77.4	77.7	77.7	77.9	78.0
≥ 1600	.1	69.1	72.9	75.0	76.2	76.4	76.6	76.8	77.1	77.3	77.6	77.7	77.9	77.9	78.1	78.2
≥ 1400	.1	69.3	73.1	75.2	76.4	76.7	76.8	77.0	77.3	77.6	77.8	77.9	78.1	78.1	78.3	78.4
≥ 1200	.1	70.6	74.3	76.4	77.7	77.9	78.0	78.2	78.5	78.8	79.0	79.1	79.3	79.3	79.6	79.7
≥ 1000	.1	74.0	77.9	80.2	81.6	81.8	81.9	82.1	82.4	82.7	82.9	83.1	83.2	83.2	83.4	83.6
≥ 900	.1	75.0	78.9	81.2	82.6	82.8	82.9	83.1	83.4	83.7	83.9	84.0	84.2	84.2	84.4	84.6
≥ 800	.1	77.2	81.2	83.8	85.1	85.3	85.4	85.7	86.1	86.2	86.4	86.6	86.8	86.8	87.0	87.1
≥ 700	.1	77.6	81.6	84.1	85.6	85.8	86.0	86.2	86.6	86.8	87.0	87.1	87.3	87.3	87.6	87.7
≥ 600	.1	78.4	82.4	85.0	86.4	86.7	86.9	87.1	87.4	87.7	87.9	88.0	88.2	88.2	88.4	88.6
≥ 500	.1	80.2	84.2	86.8	88.2	88.4	88.7	88.9	89.2	89.4	89.7	89.8	90.0	90.0	90.2	90.3
≥ 450	.1	81.1	85.2	87.8	89.2	89.6	89.8	90.0	90.3	90.6	90.8	90.9	91.1	91.1	91.3	91.4
≥ 400	.1	82.6	86.8	89.3	90.8	91.1	91.3	91.6	91.9	92.1	92.3	92.4	92.7	92.7	92.9	93.0
≥ 350	.1	83.0	87.2	89.8	91.2	91.6	91.8	92.0	92.3	92.6	92.8	92.9	93.1	93.1	93.3	93.4
≥ 300	.1	83.3	87.7	90.3	91.9	92.2	92.4	92.7	93.0	93.2	93.4	93.6	93.8	93.8	94.0	94.2
≥ 250	.1	83.6	87.9	90.6	92.1	92.4	92.7	92.9	93.2	93.4	93.7	93.8	94.0	94.0	94.2	94.4
≥ 200	.1	84.6	89.2	92.1	93.6	93.9	94.1	94.4	94.8	95.1	95.2	95.3	95.6	95.6	95.8	96.0
≥ 1800	.1	84.6	89.3	92.1	93.7	94.0	94.2	94.6	94.9	95.1	95.3	95.4	95.7	95.7	95.9	96.1
≥ 1500	.1	84.8	89.6	92.3	94.2	94.6	94.8	95.2	95.6	95.8	96.0	96.1	96.3	96.3	96.6	96.8
≥ 1200	.1	85.1	89.9	92.8	94.7	95.0	95.2	95.7	96.0	96.2	96.4	96.6	96.8	96.8	97.0	97.2
≥ 1000	.1	85.2	90.1	93.0	94.9	95.2	95.4	95.9	96.2	96.4	96.7	96.8	97.0	97.0	97.2	97.4
≥ 900	.1	85.3	90.2	93.1	95.0	95.4	95.7	96.1	96.4	96.7	96.9	97.0	97.2	97.2	97.4	97.7
≥ 800	.1	85.4	90.3	93.3	95.3	95.8	96.1	96.6	96.9	97.1	97.3	97.4	97.7	97.7	97.9	98.1
≥ 700	.1	85.4	90.3	93.3	95.3	95.8	96.1	96.6	96.9	97.1	97.3	97.4	97.7	97.7	97.9	98.2
≥ 600	.1	85.6	90.6	93.6	95.6	96.0	96.4	96.9	97.2	97.4	97.7	97.8	98.0	98.0	98.4	98.8
≥ 500	.1	85.6	90.6	93.6	95.6	96.0	96.4	97.0	97.3	97.6	97.8	97.9	98.1	98.1	98.6	98.9
≥ 400	.1	85.7	90.7	93.7	95.7	96.2	96.7	97.3	97.8	98.0	98.2	98.3	98.6	98.6	99.0	99.3
≥ 300	.1	85.7	90.7	93.7	95.7	96.2	96.7	97.3	97.8	98.0	98.2	98.4	98.7	98.7	99.3	99.7
≥ 200	.1	85.7	90.7	93.7	95.7	96.2	96.7	97.3	97.8	98.0	98.2	98.4	98.7	98.9	99.6	100.0
≥ 100	.1	85.7	90.7	93.7	95.7	96.2	96.7	97.3	97.8	98.0	98.2	98.4	98.7	98.9	99.6	100.0
≥ 0	.1	85.7	90.7	93.7	95.7	96.2	96.7	97.3	97.8	98.0	98.2	98.4	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17006  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8
NO CEILING	66.9	69.9	70.0	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	74.3	76.4	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	74.4	76.6	77.8	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 16000	74.8	76.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	75.3	77.4	78.7	78.8	78.9	79.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000	76.8	78.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000	80.7	82.8	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9000	82.3	84.4	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	84.1	86.2	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	84.7	86.9	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	86.4	88.7	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	88.8	91.0	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	90.4	92.7	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	91.4	93.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	91.8	94.1	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	92.2	94.6	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	92.6	94.9	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	93.4	95.8	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	93.6	95.9	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	93.9	96.3	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	93.9	96.3	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	94.2	96.9	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	94.3	97.0	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	94.4	97.1	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	94.4	97.1	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	94.6	97.2	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	94.6	97.2	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
≥ 400	94.6	97.2	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.6	97.2	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.6	97.2	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.6	97.2	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.6	97.2	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 DTAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10-26  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-81  
 YEARS

NOV  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 0	≥ 0.25	≥ 0.5	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 15	≥ 20	≥ 25	
NO CEILING ≥ 20000	.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000 6000	.2	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	76.3
≥ 14000 2000	.2	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	.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	78.4	78.4
≥ 10000 9000	.2	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	80.9	80.9
≥ 8000 7000	.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000 5000	.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500 4000	.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500 2000	.2	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	.2	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	.2	93.1	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
≥ 700	.2	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	.2	95.9	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	.2	96.4	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	.2	97.2	97.9	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
≥ 300	.2	97.3	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	.2	97.8	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	99.1	99.1
≥ 100	.2	98.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	.2	98.2	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	99.6
≥ 700	.2	98.3	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	.2	98.3	99.2	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
≥ 500	.2	98.3	99.2	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
≥ 400	.2	98.3	99.2	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
≥ 300	.2	98.3	99.2	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
≥ 200	.2	98.3	99.2	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
≥ 100	.2	98.3	99.2	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
≥ 0	.2	98.3	99.2	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

TOTAL NUMBER OF OBSERVATIONS 900



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1626  
STATION

HOMESTEAD AFB FL  
STATION NAME

67-70,73-5  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	20	25	24	23	22%	21	20	15	10	5	2 1/2	2	1 1/2	1	3/8
NO CEILING	75.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 2000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1800	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1600	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1400	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 1200	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 900	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 800	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 700	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 600	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 450	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 350	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 300	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 250	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	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	98.5	98.5	98.5
≥ 150	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 90	98.6	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	99.1	99.1
≥ 80	98.6	98.6	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
≥ 70	98.6	98.6	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
≥ 60	98.6	98.6	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
≥ 50	98.6	98.6	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
≥ 40	98.6	98.6	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
≥ 30	98.6	98.6	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
≥ 20	98.6	98.6	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
≥ 10	98.6	98.6	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
≥ 0	98.6	98.6	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

TOTAL NUMBER OF OBSERVATIONS 200

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1120  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 0-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING ≥ 20000	.2	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000 ≥ 5000	.2	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000 ≥ 2000	.2	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000 ≥ 9000	.2	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
≥ 8000 ≥ 7000	.2	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000 ≥ 5000	.2	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4500 ≥ 4000	.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500 ≥ 3000	.2	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500 ≥ 2000	.2	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800 ≥ 1500	.2	97.8	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 1200 ≥ 1000	.2	98.0	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 900 ≥ 800	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 700 ≥ 600	.2	98.0	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	.2	98.0	98.8	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300 ≥ 200	.2	98.0	98.9	99.3	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	.2	98.0	98.9	99.3	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

132b STATION HOMESTEAD AFB FL

69-70,73-80 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING																
≥ 2000	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	71.0	71.0	71.0
≥ 1800	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1600	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1400	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1200	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1000	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 900	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 800	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	85.7	85.7
≥ 700	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 600	88.1	88.1	88.2	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
≥ 500	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 450	92.4	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 400	93.1	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 350	94.6	95.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	96.0	96.3	96.5	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
≥ 250	96.5	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	97.7	98.1	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 150	97.8	98.2	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 120	97.8	98.2	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	98.1	98.4	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 90	98.1	98.6	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 80	98.2	93.8	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 70	98.2	98.8	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 60	98.2	98.8	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 50	98.3	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	98.3	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	98.3	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	98.3	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	98.3	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	98.9	99.3	99.7	99.8	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 897

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17526  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70,73-80  
 YEARS

NOV  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.1	68.3	69.3	69.9	70.1	70.2	70.2	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.7	70.7
≥ 20000	.1	74.3	75.5	76.1	76.3	76.4	76.4	76.4	76.5	76.6	76.7	76.7	76.8	76.8	76.9	77.1
IN 18000	.1	74.4	75.6	76.2	76.4	76.5	76.5	76.5	76.6	76.7	76.8	76.8	76.9	76.9	77.0	77.1
IN 6000	.1	74.6	75.8	76.4	76.6	76.7	76.7	76.7	76.8	76.9	77.0	77.0	77.1	77.1	77.2	77.3
≥ 14000	.1	75.3	76.5	77.1	77.3	77.4	77.4	77.4	77.5	77.6	77.7	77.7	77.8	77.8	77.9	78.0
IN 12000	.1	77.0	78.2	78.8	79.0	79.1	79.1	79.2	79.2	79.3	79.4	79.4	79.5	79.5	79.6	79.7
≥ 10000	.1	80.6	81.8	82.4	82.7	82.8	82.8	82.8	82.9	83.0	83.1	83.1	83.2	83.2	83.3	83.4
IN 9000	.1	81.9	83.1	83.7	84.0	84.1	84.1	84.1	84.2	84.2	84.3	84.3	84.4	84.5	84.6	84.7
IN 8000	.1	84.0	85.2	85.9	86.2	86.3	86.3	86.3	86.4	86.5	86.6	86.6	86.7	86.7	86.8	86.9
IN 7000	.1	85.0	86.3	87.1	87.4	87.5	87.5	87.6	87.6	87.7	87.8	87.8	87.9	88.0	88.1	88.1
IN 6000	.1	86.4	87.7	88.5	88.8	88.9	88.9	89.0	89.0	89.1	89.2	89.2	89.3	89.3	89.4	89.5
IN 5000	.2	88.8	90.1	90.9	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.6	91.7	91.7	91.8	91.9
IN 4500	.2	90.2	91.5	92.3	92.6	92.7	92.7	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.2	93.3
IN 4000	.2	91.3	92.7	93.5	93.9	94.0	94.0	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.5	94.6
IN 3500	.2	92.3	93.7	94.5	94.8	94.9	95.0	95.0	95.1	95.1	95.2	95.2	95.3	95.3	95.4	95.5
IN 3000	.2	93.0	94.5	95.4	95.8	95.9	96.0	96.0	96.1	96.1	96.2	96.3	96.4	96.4	96.5	96.6
IN 2500	.2	93.6	95.2	96.2	96.6	96.7	96.7	96.8	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.4
IN 2000	.2	94.4	96.1	97.0	97.4	97.6	97.6	97.7	97.8	97.8	97.9	98.0	98.1	98.1	98.2	98.3
IN 800	.2	94.5	96.2	97.2	97.5	97.7	97.7	97.8	97.9	98.0	98.1	98.1	98.2	98.2	98.3	98.4
IN 1500	.2	94.7	96.4	97.4	97.8	98.0	98.1	98.2	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.8
IN 1200	.2	94.8	96.5	97.5	97.9	98.1	98.2	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.9
IN 1000	.2	94.9	96.7	97.7	98.1	98.3	98.4	98.5	98.5	98.6	98.7	98.7	98.9	98.9	99.0	99.1
IN 900	.2	95.0	96.8	97.8	98.2	98.4	98.5	98.6	98.7	98.7	98.8	98.9	99.0	99.0	99.1	99.2
IN 800	.2	95.1	96.9	97.9	98.4	98.6	98.7	98.8	98.8	98.9	99.0	99.1	99.2	99.2	99.3	99.4
IN 700	.2	95.1	96.9	98.0	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.5
IN 600	.2	95.2	97.0	98.0	98.5	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.6
IN 500	.2	95.2	97.0	98.1	98.6	98.7	98.8	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.6	99.7
IN 400	.2	95.2	97.0	98.1	98.6	98.8	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.6	99.7	99.8
IN 300	.2	95.2	97.0	98.1	98.6	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.6	99.6	99.8	99.9
IN 200	.2	95.2	97.0	98.1	98.6	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.6	99.7	99.8	100.0
IN 100	.2	95.2	97.0	98.1	98.6	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.6	99.7	99.8	100.0
0	.2	95.2	97.0	98.1	98.6	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7194

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10426  
STATION

HOMESTEAD AFB FL  
STATION NAME

68-70, 73-79  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING																
≥ 20000	78.0	78.6	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	79.2
≥ 18000	78.2	78.9	79.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	78.5	79.1	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000	78.7	79.4	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	79.7	80.3	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000	82.2	82.8	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 9000	82.7	82.9	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	83.5	84.2	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	84.4	85.2	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	84.8	85.6	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	87.8	88.6	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	89.1	89.9	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	92.3	93.1	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	93.4	94.3	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	94.6	95.5	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	95.8	96.9	96.9	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
≥ 2000	96.7	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	96.7	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	96.7	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	96.8	97.6	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	96.8	97.6	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	97.0	97.8	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	97.1	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	97.1	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	97.1	98.0	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12226  
STATION

HOMESTEAD AFB FL  
STATION NAME

68-70,73-79  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING																
≥ 2000	70.2	71.3	71.9	72.5	72.5	72.8	72.8	72.8	73.0	73.0	73.0	73.4	73.4	73.8	74.1	
≥ 1800	73.2	74.3	74.9	75.5	75.5	75.8	75.8	75.8	76.0	76.0	76.0	76.5	76.5	76.8	77.1	
≥ 1600	73.2	74.3	74.9	75.5	75.5	75.8	75.8	75.8	76.0	76.0	76.0	76.5	76.5	76.8	77.1	
≥ 1400	73.4	74.5	75.2	75.7	75.7	76.0	76.0	76.0	76.2	76.2	76.2	76.7	76.7	77.0	77.3	
≥ 1200	73.8	74.8	75.5	76.0	76.0	76.3	76.3	76.3	76.6	76.6	76.6	77.0	77.0	77.3	77.6	
≥ 1000	74.2	75.3	75.9	76.5	76.5	76.8	76.8	76.8	77.0	77.0	77.0	77.4	77.4	77.7	78.1	
≥ 800	75.6	76.8	77.5	78.1	78.1	78.4	78.4	78.4	78.6	78.6	78.6	79.0	79.0	79.4	79.7	
≥ 600	75.6	76.8	77.5	78.1	78.1	78.4	78.4	78.4	78.6	78.6	78.6	79.0	79.0	79.4	79.7	
≥ 400	77.5	78.7	79.5	80.0	80.0	80.3	80.3	80.3	80.5	80.5	80.5	81.0	81.0	81.3	81.6	
≥ 200	77.5	78.7	79.5	80.0	80.0	80.3	80.3	80.3	80.5	80.5	80.5	81.0	81.0	81.3	81.6	
≥ 100	79.1	80.4	81.2	81.7	81.7	82.0	82.0	82.0	82.3	82.3	82.3	82.7	82.7	83.0	83.3	
≥ 50	81.1	82.4	83.1	83.7	83.7	84.0	84.0	84.0	84.2	84.2	84.2	84.6	84.6	84.9	85.3	
≥ 30	82.6	83.9	84.6	85.2	85.2	85.5	85.5	85.5	85.7	85.7	85.7	86.1	86.1	86.5	86.8	
≥ 15	85.7	87.1	88.7	88.5	88.5	88.8	88.8	88.8	89.0	89.0	89.0	89.5	89.5	89.8	90.1	
≥ 10	87.1	88.5	89.4	89.9	89.9	90.2	90.2	90.2	90.4	90.4	90.4	90.9	90.9	91.2	91.5	
≥ 5	88.7	90.2	91.1	91.6	91.6	91.9	91.9	91.9	92.2	92.2	92.2	92.6	92.6	92.9	93.2	
≥ 3	90.3	91.5	92.5	93.1	93.1	93.4	93.4	93.4	93.7	93.7	93.7	94.1	94.1	94.4	94.7	
≥ 2	91.3	92.5	93.5	94.5	94.5	94.9	94.9	94.9	95.2	95.2	95.2	95.7	95.7	96.0	96.3	
≥ 1	91.5	93.1	94.1	94.7	94.7	95.2	95.2	95.2	95.4	95.4	95.4	95.9	95.9	96.2	96.6	
≥ 0.5	91.8	93.4	94.4	95.1	95.1	95.5	95.5	95.5	95.7	95.8	95.8	96.3	96.3	96.7	97.0	
≥ 0.25	92.2	93.8	94.7	95.4	95.4	95.8	95.8	95.8	96.1	96.1	96.1	96.7	96.7	97.0	97.3	
≥ 0.1	92.2	93.8	94.7	95.4	95.4	95.8	95.8	95.8	96.1	96.2	96.2	96.8	96.8	97.1	97.4	
≥ 0.05	92.4	94.0	94.9	95.6	95.6	96.0	96.0	96.0	96.3	96.3	96.3	96.8	96.8	97.1	97.4	
≥ 0.025	92.4	94.1	95.1	95.7	95.7	96.1	96.1	96.1	96.3	96.3	96.3	96.8	96.8	97.2	97.5	
≥ 0.01	92.4	94.1	95.1	95.7	95.7	96.1	96.1	96.1	96.3	96.3	96.3	96.8	96.8	97.3	97.6	
≥ 0.005	92.5	94.2	95.2	95.8	95.8	96.2	96.2	96.2	96.5	96.5	96.5	97.0	97.0	97.5	97.8	
≥ 0.0025	92.6	94.3	95.3	96.1	96.1	96.6	96.6	96.6	96.8	96.8	97.1	97.3	97.3	98.2	98.8	
≥ 0.001	92.6	94.5	95.5	96.3	96.3	96.8	96.8	96.8	97.0	97.1	97.4	97.6	97.6	98.5	99.5	
≥ 0.0005	92.6	94.5	95.5	96.3	96.3	96.8	96.8	96.8	97.0	97.1	97.4	97.6	97.6	98.6	99.6	
≥ 0.00025	92.6	94.5	95.5	96.3	96.3	96.8	96.8	96.8	97.0	97.1	97.4	97.6	97.6	98.7	99.8	
≥ 0.0001	92.6	94.5	95.5	96.3	96.3	96.8	96.8	96.8	97.0	97.1	97.4	97.6	97.6	98.7	99.8	

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
STATION

HOMESTEAD AFB FL  
STATION NAME

68-70,73-79  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

600-1800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	67.1	63.4	64.8	65.4	65.7	66.3	66.5	66.6	67.1	67.5	67.5	66.3	68.1	69.2	68.5	
≥ 20000	64.3	67.7	69.2	69.8	70.1	70.8	70.9	71.0	71.5	72.1	72.0	72.5	72.5	72.7	73.0	
≥ 18000	64.4	67.8	69.4	69.9	70.2	70.9	71.0	71.1	71.6	72.2	72.2	72.6	72.6	72.8	73.1	
≥ 16000	64.4	67.8	69.4	69.9	70.2	70.9	71.0	71.1	71.6	72.2	72.2	72.6	72.6	72.8	73.1	
≥ 14000	65.1	68.4	71.1	71.6	71.9	71.6	71.7	71.8	72.4	72.9	72.9	73.3	73.3	73.5	73.9	
≥ 12000	66.0	69.6	71.1	71.6	71.9	72.6	72.7	72.8	73.3	73.9	73.9	74.3	74.3	74.5	74.8	
≥ 10000	68.2	71.9	73.5	74.2	74.5	75.2	75.3	75.4	75.9	76.5	76.5	76.9	76.9	77.1	77.4	
≥ 9500	68.2	71.9	73.5	74.2	74.5	75.2	75.3	75.4	75.9	76.5	76.5	76.9	76.9	77.1	77.4	
≥ 8000	69.8	73.7	75.3	75.9	76.2	76.9	77.0	77.1	77.7	78.3	78.3	78.7	78.7	78.9	79.2	
≥ 7000	70.2	74.3	76.0	76.7	77.0	77.6	77.7	77.8	78.5	79.0	79.0	79.5	79.5	79.7	80.0	
≥ 6000	71.2	75.5	77.2	77.8	78.2	78.8	78.9	79.0	79.7	80.2	80.2	80.6	80.6	80.9	81.2	
≥ 5000	72.9	77.2	78.9	79.8	80.1	80.8	80.9	81.0	81.6	82.2	82.2	82.6	82.6	82.8	83.1	
≥ 4500	73.9	78.2	79.9	80.8	81.1	81.7	81.8	81.9	82.6	83.1	83.1	83.5	83.5	83.8	84.1	
≥ 4000	77.4	81.7	83.5	84.5	84.8	85.5	85.6	85.7	86.3	86.9	86.9	87.3	87.3	87.5	87.8	
≥ 3500	79.2	83.7	85.5	86.5	86.8	87.4	87.5	87.6	88.3	88.8	88.8	89.2	89.2	89.5	89.8	
≥ 3000	82.7	87.0	88.9	89.0	90.3	91.0	91.1	91.2	91.8	92.4	92.4	92.8	92.8	93.0	93.3	
≥ 2500	84.2	88.6	90.5	91.5	91.8	92.5	92.6	92.7	93.3	93.9	93.9	94.3	94.3	94.5	94.8	
≥ 2000	84.9	89.5	91.4	92.4	92.7	93.3	93.4	93.5	94.2	94.7	94.7	95.2	95.3	95.6	95.9	
≥ 800	85.2	89.7	91.6	92.6	92.9	93.5	93.7	93.8	94.4	94.9	94.9	95.4	95.5	95.8	96.1	
≥ 1500	85.2	89.7	91.6	92.6	92.9	93.5	93.8	93.9	94.5	95.1	95.1	95.5	95.6	95.9	96.2	
≥ 1200	85.5	90.0	91.9	92.9	93.2	93.9	94.1	94.2	94.8	95.4	95.4	95.8	95.9	96.2	96.6	
≥ 1000	85.5	90.0	91.9	92.9	93.2	93.9	94.1	94.2	94.8	95.4	95.4	95.8	95.9	96.2	96.6	
≥ 900	85.8	90.3	92.3	93.2	93.5	94.2	94.4	94.5	95.2	95.7	95.7	96.1	96.2	96.6	96.9	
≥ 800	85.8	90.3	92.3	93.2	93.5	94.2	94.4	94.5	95.2	95.7	95.7	96.1	96.2	96.6	96.9	
≥ 700	85.9	90.5	92.5	93.4	93.8	94.4	94.6	94.7	95.5	96.0	96.0	96.5	96.6	96.9	97.2	
≥ 600	85.9	90.5	92.5	93.4	93.8	94.4	94.7	94.8	95.7	96.2	96.2	96.8	96.9	97.2	97.5	
≥ 500	85.9	90.5	92.5	93.4	93.8	94.4	94.7	94.8	95.7	96.2	96.2	96.8	96.9	97.2	97.5	
≥ 400	86.0	90.8	92.7	93.6	94.2	95.2	95.5	95.7	96.7	97.3	97.3	98.0	98.1	98.4	99.0	
≥ 300	86.1	90.9	92.8	93.9	94.3	95.3	95.6	95.8	96.8	97.4	97.5	98.2	98.4	98.7	99.5	
≥ 200	86.1	90.9	92.8	93.9	94.3	95.3	95.7	95.9	97.0	97.6	97.7	98.7	98.9	99.2	100.0	
≥ 100	86.1	90.9	92.8	93.9	94.3	95.3	95.7	95.9	97.0	97.6	97.7	98.7	98.9	99.2	100.0	
≥ 0	86.1	90.9	92.8	93.9	94.3	95.3	95.7	95.9	97.0	97.6	97.7	98.7	98.9	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1726  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

66-70, 73-79  
 YEARS

DEC  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C900-1100  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	67.1	69.2	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	73.7	74.1	74.9	74.9	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000	73.1	74.2	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6500	73.2	74.3	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	73.8	74.8	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	74.5	75.6	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	78.2	79.2	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	78.5	79.6	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	80.6	81.8	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 7000	82.3	83.8	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	83.8	85.5	86.3	86.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	85.7	87.4	88.4	88.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	87.1	88.9	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	89.4	91.3	92.4	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	90.9	92.8	93.9	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	92.4	94.3	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	93.3	95.3	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	94.2	96.1	97.2	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	94.3	96.2	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	94.4	96.3	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	94.8	96.8	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	94.8	96.8	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	94.9	96.9	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	94.9	96.9	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	94.9	96.9	98.3	98.3	98.3	98.3	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	94.9	96.9	98.3	98.3	98.3	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	94.9	96.9	98.3	98.3	98.3	98.3	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	94.9	96.9	98.3	98.3	98.3	98.3	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	94.9	96.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	94.9	96.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	94.9	96.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	94.9	96.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12526  
STATION

HONESTEAD AFB FL  
STATION NAME

68-70,73-79  
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	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING ≥ 20000	68.9	69.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IN V 18000 ≥ 60%	75.4	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	75.5
IN V 14000 12000	76.2	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
IN V 10000 9000	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	81.0	81.0	81.0
IN V 8000 7000	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	86.1
IN V 6000 5000	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IN V 4500 4000	89.9	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
IN V 3500 3000	92.9	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IN V 2500 2000	95.9	96.5	96.6	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
IN V 1800 1500	97.2	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IN V 1200 1000	98.1	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IN V 900 800	98.3	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IN V 700 600	98.3	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IN V 500 400	98.3	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IN V 300 200	98.4	99.1	99.4	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN V 100 0	98.4	99.1	99.4	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1032b  
STATION

HOMESTEAD AFB FL  
STATION NAME

68-70,73-79  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1570-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	.1	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	.1	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IN 18000	.1	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IN 16000	.1	75.6	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IN 14000	.1	76.5	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
IN 12000	.1	79.1	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IN 10000	.1	82.0	82.2	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
IN 9000	.1	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IN 8000	.1	84.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IN 7000	.1	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IN 6000	.1	87.0	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IN 5000	.1	89.5	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IN 4500	.1	90.4	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
IN 4000	.1	92.5	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
IN 3500	.1	93.2	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IN 3000	.1	95.2	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IN 2500	.1	97.2	97.8	98.1	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IN 2000	.1	97.8	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 1800	.1	97.8	98.5	98.7	98.8	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 1500	.1	97.8	98.5	98.7	98.8	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 1200	.1	98.0	98.6	98.8	98.9	98.9	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 1000	.1	98.0	98.7	98.9	99.0	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IN 900	.1	98.0	99.0	99.2	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 800	.1	98.0	99.0	99.2	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 700	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 600	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 500	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 400	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 300	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 200	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17326  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

68-70,73-79  
 YEARS

DEC  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING																
≥ 20000		68.9	68.9	68.9	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		75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 16000		75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 14000		76.0	76.1	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 12000		77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000		80.5	80.5	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9500		81.0	81.0	81.0	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000		83.3	83.4	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000		84.2	84.2	84.2	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000		84.8	84.9	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000		88.3	88.4	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
≥ 4500		88.7	88.8	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000		91.4	91.5	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500		92.9	93.1	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000		95.0	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500		95.8	96.0	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000		97.3	97.5	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800		97.8	98.1	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500		98.0	98.2	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200		98.2	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		98.2	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		98.3	98.6	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		98.4	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		98.4	98.7	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		98.4	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		98.4	98.7	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		98.5	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.5	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.5	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.5	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.5	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1326  
STATION

HOMESTEAD AFB FL  
STATION NAME

68-70,73-79  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING																
≥ 20000	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	74.3
≥ 18000	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	78.4	78.6	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
≥ 14000	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 12000	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 9500	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7500	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	86.6	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	86.9	86.9
≥ 5000	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	94.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	96.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	97.5	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	97.7	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	98.1	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.1	99.2	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	99.6
≥ 1000	98.1	99.2	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	99.6
≥ 900	98.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.3	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.3	99.6	99.8	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
≥ 500	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1.826  
STATION

HOMESTEAD AFB FL  
STATION NAME

68-70,73-79  
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	≥2%	≥2	≥1%	≥1/4	≥1	≥1/2	≥1/4	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	68.8	69.7	70.1	70.3	70.3	70.5	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.9	71.0	71.0
≥ 2000	74.1	74.9	75.4	75.6	75.6	75.8	75.8	75.8	75.9	76.0	76.0	76.1	76.1	76.2	76.3	76.3
≥ 1800	74.2	75.0	75.5	75.7	75.7	75.9	75.9	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.4	76.4
≥ 1600	74.3	75.1	75.6	75.8	75.8	76.0	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.4	76.5	76.5
≥ 1400	74.9	75.7	76.2	76.3	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.9	76.9	77.0	77.1	77.1
≥ 1200	76.1	76.9	77.4	77.6	77.6	77.8	77.8	77.8	77.9	78.0	78.0	78.1	78.1	78.2	78.3	78.3
≥ 1000	79.8	79.7	80.2	80.4	80.4	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	81.0	81.1	81.1
≥ 900	79.2	80.1	80.5	80.7	80.8	81.0	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.4	81.5
≥ 800	81.4	82.3	82.8	83.0	83.0	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.6	83.6	83.6	83.7
≥ 700	82.2	83.3	83.7	83.9	84.0	84.2	84.2	84.2	84.3	84.4	84.4	84.5	84.5	84.6	84.7	84.7
≥ 600	83.1	84.2	84.7	84.9	85.0	85.2	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.7	85.7
≥ 500	85.4	86.6	87.1	87.3	87.3	87.5	87.5	87.6	87.7	87.7	87.7	87.9	87.9	88.0	88.1	88.1
≥ 450	86.5	87.7	88.2	88.4	88.5	88.7	88.7	88.7	88.8	88.9	88.9	89.0	89.0	89.1	89.2	89.2
≥ 400	89.7	90.7	90.9	91.1	91.2	91.4	91.4	91.4	91.5	91.6	91.6	91.8	91.8	91.8	91.9	91.9
≥ 350	90.4	91.6	92.2	92.5	92.5	92.7	92.7	92.7	92.9	92.9	92.9	93.1	93.1	93.2	93.2	93.2
≥ 300	92.7	93.6	94.2	94.5	94.5	94.7	94.7	94.8	94.9	94.9	94.9	95.1	95.1	95.2	95.3	95.3
≥ 250	93.9	94.9	95.6	95.8	95.9	96.1	96.1	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.6	96.6
≥ 200	94.6	96.0	96.7	97.0	97.0	97.3	97.3	97.3	97.4	97.5	97.5	97.7	97.7	97.8	97.9	97.9
≥ 1800	94.8	96.2	96.9	97.1	97.2	97.4	97.5	97.5	97.6	97.7	97.7	97.9	97.9	98.0	98.0	98.0
≥ 1500	95.0	96.4	97.1	97.4	97.4	97.6	97.7	97.7	97.8	97.9	97.9	98.1	98.1	98.2	98.3	98.3
≥ 1200	95.1	96.6	97.3	97.6	97.6	97.8	97.9	97.9	98.0	98.1	98.1	98.3	98.3	98.4	98.5	98.5
≥ 1000	95.2	96.7	97.4	97.7	97.7	98.0	98.0	98.0	98.2	98.3	98.3	98.4	98.5	98.6	98.6	98.6
≥ 900	95.3	96.9	97.6	97.9	97.9	98.2	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.8	98.8
≥ 800	95.4	96.9	97.6	97.9	98.0	98.2	98.3	98.3	98.4	98.5	98.5	98.7	98.7	98.8	98.9	98.9
≥ 700	95.4	97.0	97.7	98.0	98.1	98.3	98.4	98.4	98.6	98.7	98.7	98.9	98.9	99.0	99.1	99.1
≥ 600	95.4	97.0	97.8	98.1	98.1	98.4	98.5	98.5	98.7	98.8	98.8	99.0	99.0	99.1	99.2	99.2
≥ 500	95.5	97.1	97.8	98.2	98.3	98.6	98.7	98.7	98.9	99.0	99.0	99.2	99.2	99.3	99.4	99.4
≥ 400	95.5	97.1	97.9	98.3	98.4	98.7	98.8	98.8	98.9	99.1	99.2	99.2	99.5	99.5	99.6	99.8
≥ 300	95.5	97.2	97.9	98.3	98.4	98.7	98.8	98.9	99.1	99.3	99.3	99.5	99.6	99.7	99.9	99.9
≥ 200	95.5	97.2	97.9	98.3	98.4	98.7	98.9	98.9	99.2	99.3	99.3	99.6	99.7	99.8	100.0	100.0
≥ 100	95.5	97.2	97.9	98.3	98.4	98.7	98.9	98.9	99.2	99.3	99.3	99.6	99.7	99.8	100.0	100.0
≥ 0	95.5	97.2	97.9	98.3	98.4	98.7	98.9	98.9	99.2	99.3	99.3	99.6	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1926  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

68-70, 73-80  
 YEARS

ALL  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	.7	66.5	67.2	67.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8
≥ 2000	.9	77.6	78.3	78.5	78.7	78.7	79.7	78.8	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 1800	.9	77.8	78.6	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.2	79.2	79.2
≥ 1600	.9	78.1	78.8	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 1400	.9	78.8	79.5	79.8	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 1200	.9	80.7	81.5	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.2
≥ 1000	.9	84.8	85.6	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.4
≥ 900	.9	85.4	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 800	.9	87.3	88.2	88.4	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 700	.9	88.2	89.1	89.4	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9
≥ 600	.9	88.9	89.8	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.7
≥ 500	.9	90.3	91.2	91.6	91.8	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.1	92.1
≥ 450	.9	91.0	92.0	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9
≥ 400	.9	92.2	93.2	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.2
≥ 350	.9	92.8	93.8	94.2	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 300	.9	93.7	94.8	95.3	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 250	.9	94.5	95.8	96.2	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	97.0
≥ 200	.9	95.5	96.9	97.4	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.3
≥ 180	.9	95.7	97.1	97.6	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.5
≥ 150	.9	96.0	97.4	97.9	98.3	98.4	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 120	.9	96.1	97.5	98.1	98.5	98.6	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1
≥ 100	.9	96.2	97.6	98.2	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3
≥ 90	.9	96.3	97.7	98.3	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.4
≥ 80	.9	96.3	97.7	98.3	98.7	98.8	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 70	.9	96.3	97.8	98.4	98.8	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5
≥ 60	.9	96.4	97.8	98.5	98.9	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 50	.9	96.4	97.9	98.5	98.9	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.7
≥ 40	.9	96.4	97.9	98.6	99.0	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 30	.9	96.4	97.9	98.6	99.0	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 20	.9	96.4	97.9	98.6	99.0	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	.9	96.4	97.9	98.6	99.0	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 0	.9	96.4	97.9	98.6	99.0	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 87637

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,  
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE  
TOTAL SKY COVER

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SKY COVER

10120 HOMESTEAD AFB FL 69-75, 77-80 JAN  
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	0-02	27.8			46.0						17.6	9.6	3.9	927
	0-05	26.3			47.7						19.3	13.7	4.3	923
	0-18	13.3			45.5						29.2	13.1	5.3	925
	7-11	7.4			45.5						33.5	13.5	5.7	937
	11-14	5.0			45.0						35.3	14.7	5.1	929
	17-17	3.2			49.1						31.6	16.0	5.9	933
	18-23	15.5			44.5						26.9	13.1	5.1	935
	1-23	27.1			43.4						19.9	9.6	4.1	937
TOTALS		15.6			44.8						26.7	12.9	5.1	7424



REGIONAL CLIMATOLOGY BRANCH  
USAFETAC  
AFSS WEATHER SERVICE/MAC

SKY COVER

1328 STATION

HOMESTEAD AFB FL

STATION NAME

64-7J, 73-00

PERIOD

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
	0-02	31.9			32.6							17.7	17.7	4.3	846
	03-05	23.6			34.8							18.6	18.0	4.5	844
	06-08	16.1			40.3							20.7	13.0	5.0	841
	09-11	11.8			43.6							27.9	17.3	5.5	846
	12-14	8.6			40.4							31.2	16.7	5.8	845
	15-17	8.0			38.3							26.2	17.5	5.6	845
	18-20	14.7			47.2							21.4	16.8	5.0	846
	21-23	30.0			35.6							18.7	15.7	4.3	846
TOTALS		13.2			41.8							22.8	17.2	5.0	6759

[Empty rectangular box for additional notes or data]



1  
2

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

10826  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-73,73-80  
PERIOD

APR  
MONTH

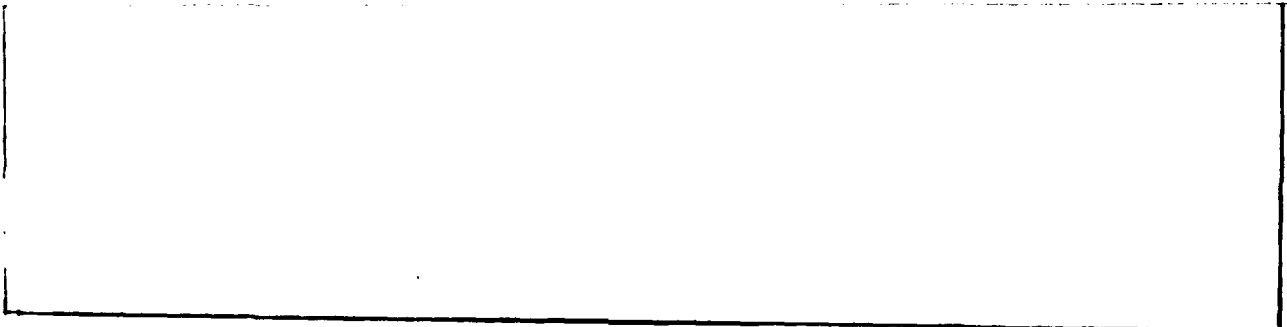
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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	03-02	22.3			51.0						19.9	6.8	4.0	896
	03-05	19.0			56.7						17.9	6.5	4.7	896
	06-08	4.2			59.6						25.5	10.7	5.2	895
	09-11	3.6			59.7						24.9	11.8	5.2	898
	12-14	2.6			56.6						29.8	11.1	5.5	900
	15-17	4.0			52.2						30.4	13.3	5.6	900
	18-20	3.7			49.2						29.7	12.4	5.4	900
	21-23	22.4			51.2						18.4	7.9	4.0	900
TOTALS		10.9			54.5						24.6	10.1	4.9	7185

USAFETAC

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

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

17426  
STATION

HOMESTEAD AFB FL  
STATION NAME

69-70, 73-80  
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	13.6			53.3							19.4	13.8	4.7	929
	03-05	12.0			56.3							20.2	11.6	4.7	928
	06-08	3.7			49.9							32.0	15.0	5.9	927
	09-11	.9			44.5							37.4	13.3	6.1	926
	12-14	.6			45.9							38.6	14.9	6.3	929
	15-17	1.0			39.9							41.2	18.0	6.7	930
	18-20	2.7			39.7							36.1	19.6	6.6	930
	21-23	11.7			50.1							25.8	13.2	5.1	930
TOTALS		8.6			48.0							31.6	14.9	5.8	7429



1  
2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**SKY COVER**

17-26 STATION HOMESTEAD AFB FL 69-7J, 73-80 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	9.0			50.1						27.7	7.1	4.9	933
	03-05	7.5			61.2					25.9	5.4	4.7	933	
	06-08	1.0			45.6					43.6	9.8	6.3	927	
	09-11				38.0					48.3	13.8	6.9	930	
	12-14				31.5					51.2	17.3	7.3	930	
	15-17				29.6					50.4	20.0	7.4	930	
	18-20	.4			28.3					52.0	19.2	7.5	930	
	21-23	4.9			47.6					33.3	14.1	5.8	930	
TOTALS		2.9			42.2					41.6	13.3	6.4	7437	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

12826  
STATION

HOMESTEAD AFB FL

STATION NAME

69-70,73-80

PERIOD

AUG  
MONTH

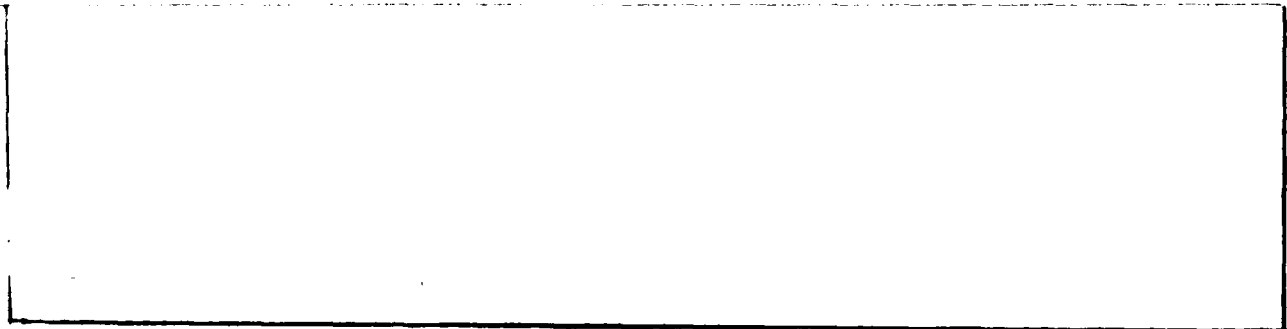
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

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	6.4			61.7						24.3	7.6	4.8	929
	03-05	6.5			65.3						21.8	6.5	4.6	930
	06-08	.1			51.1						40.6	8.2	6.0	930
	09-11				44.0						47.7	8.3	6.4	929
	12-14				36.3						52.0	11.7	6.9	929
	15-17				32.6						54.2	13.2	7.2	926
	18-20	.1			36.0						48.7	15.2	7.1	930
	21-23	1.9			53.9						33.2	11.0	5.7	930
TOTALS		1.9			47.6						40.3	10.2	6.1	7433

USAFETAC

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

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.







1  
2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

17526  
STATION

HOMESTEAD AFB FL

STATION NAME

69-70, 73-80

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	17.1			51.3						20.1	11.5	4.5	930
	3-05	17.7			50.1						19.7	12.6	4.5	929
	6-08	3.1			54.3						30.4	12.2	5.6	930
	9-11	3.0			53.7						31.2	12.2	5.6	930
	12-14	1.1			52.5						32.8	13.7	5.9	930
	15-17	1.3			45.4						39.4	14.1	6.3	930
	18-20	6.7			45.1						33.8	15.2	5.9	930
	21-23	11.6			52.0						26.9	9.2	4.9	930
TOTALS		7.6			51.6						29.3	12.6	5.4	7439

USAFETAC

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

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

[Empty rectangular box for additional data or notes]



12

AIR FORCE GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
471 WEATHER SERVICE/MAC

## SKY COVER

1 026  
STATION

HOMESTEAD AFB FL

STATION NAME

65-70, 73-79

REP. CD

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
01	01-02	51.4			41.6						17.8	9.3	3.8	929
	03-05	30.2			47.5						18.1	11.2	4.7	929
	06-08	16.9			43.2						28.6	11.3	5.3	930
	09-11	11.7			49.8						27.8	10.4	5.0	929
	12-14	17.2			49.9						30.0	9.8	5.2	929
	15-17	17.1			45.4						32.6	11.8	5.5	929
	18-20	19.8			40.5						26.9	12.7	4.9	928
	21-23	30.6			40.0						19.4	9.9	3.9	927
TOTALS		22.1			43.9						25.2	10.8	4.7	7429

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

12  
 CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

10226 HOMESTEAD AFB FL

69-70, 77-80

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	15.6			44.8						26.7	12.5	5.0	7424
FEB		15.2			41.8						22.8	17.2	5.0	6759
MAR		13.7			40.5						23.9	13.9	5.0	7413
APR		10.9			54.5						24.6	10.1	4.9	7185
MAY		5.6			49.0						31.6	14.9	5.8	7429
JUN		3.5			45.6						36.2	14.8	6.1	7194
JUL		2.9			42.2						41.6	13.3	6.4	7437
AUG		1.9			47.6						40.3	10.2	5.1	7433
SEP		1.3			45.3						40.5	12.9	6.3	7197
OCT		7.6			50.6						29.3	12.6	5.4	7439
NOV		13.1			49.3						25.8	11.9	5.0	7183
DEC		20.1			43.9						25.2	10.8	4.7	7429
TOTALS		9.5			46.8						30.7	13.0	5.5	87519

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

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

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

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\Sigma X^2$ ), sums of values ( $\Sigma X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC  
 1-728 HOMESTEAD AFB FL  
 STATION STATION NAME

## DAILY TEMPERATURES

43-45, 56-80 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					.1	.2	.2	.2					.4
91			.1	1.7	2.6	11.4	14.8	20.9	11.7	1.2			5.6
85		2.5	6.8	18.2	39.4	72.4	93.0	95.3	86.1	40.7	4.9	.5	39.7
81	19.6	26.7	42.0	63.6	91.8	98.3	99.8	100.0	99.6	89.7	55.3	23.4	68.6
75	58.8	59.5	77.9	96.5	99.9	100.0	100.0		100.0	99.5	86.9	64.3	87.4
70	41.5	81.5	94.5	100.0	100.0					99.9	95.8	86.1	95.2
65	92.3	94.1	99.0							100.0	99.0	95.9	98.4
60	97.3	97.7	99.7								99.9	99.1	99.5
55	99.2	99.9	100.0								100.0	99.7	99.9
50	100.0	100.0										100.0	100.0
45													
40													
35													
30													
25													
20													
15													
10													
5													
0													
MEAN	74.4	75.0	78.0	81.0	83.5	86.1	87.5	87.9	86.8	83.5	79.0	75.4	81.5
SD	6.021	6.144	4.948	3.801	3.015	2.893	2.155	2.091	2.403	3.183	4.382	5.317	6.324
TOTAL OBS	775	735	796	780	837	826	837	868	823	806	780	775	9638

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 WEATHER SERVICE/MAC  
 1-73 STATION HOMESTEAD AFB FL  
 STATION NAME

43-45, 56-80 YEARS

**DAILY TEMPERATURES**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70				3.8	19.1	49.4	74.7	75.3	67.1	27.8	6.0	1.4	28.2
75	7.9	15.5	24.5	45.0	74.3	97.7	99.8	99.8	99.8	76.1	37.4	17.5	58.9
80	34.6	29.9	53.3	77.7	94.1	100.0	100.0	100.0	99.9	92.8	65.9	40.4	75.1
85	56.6	51.0	75.5	91.9	99.0				100.0				85.3
90	72.6	76.9	87.1	96.5	100.0					99.8	93.1	74.5	91.6
95	85.7	86.7	95.2	99.6						100.0	97.3	88.4	96.3
45	93.4	95.1	99.4	100.0									92.7
40	98.1	99.0	99.7								100.0	99.0	99.7
35	99.7	100.0	100.0									100.0	100.0
30	99.9												100.0
25	100.0												100.0
MEAN	59.4	59.2	63.8	67.8	71.3	74.5	76.1	76.3	75.7	71.8	66.2	60.8	68.6
SD	6.644	6.263	7.145	5.120	3.916	2.684	2.364	2.494	2.432	4.487	6.826	5.568	5.490
TOTAL OBS	775	735	796	787	337	826	837	668	823	806	780	775	9638





FEDERAL CLIMATOLOGY BRANCH  
 WAFS/TAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12 25 STATION HOMESTEAD, AFR FL 43-45, 56-8 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		88	83	89	90	91	92	92	92	89	85	83	
44		84*	88	92	88	93	94	92	94				
45					95	93		92*	91				
50						90	91	95	91	88	85	84	
57	84	84	86	88	87	93	91	91	92	88	87	9	93
58	73	87	88	89	88	93	91	94	92	92	86	83	94
59	84	86	88	91	89	91	91	92	89	89	86	82	92
60	84	85	86	87	88	90	91	91	91	89	86	81	91
61	81	84	87	90	90	92	90	92	91	89	85	86	92
62	82	85	87	87	87	90	91	91	90	88	82	79	91
63	81	81	87	89	86	91	93	91	90	85	83	83	92
64	82	84	87	85	88	89	90	91	92	88	83	82	91
65	81	83	88	88	91	89	89	89*	91	89	83	82	91
66	81	81	83	86	88	89	92	92	92	87	83	81	92
67	83	82	85	86	90	88	89	89	93	86	85	84	93
68	81	82	85	87	87	91	89	93	93	88	83	84	93
69	83	83	85	88	87	90	92	93	91	89	86	82	93
70	83	80	88	87	86	92	90	95	90	90	86	84	95
71	84	85	86	92	91	89	89	89	89	87	83	82	92
72	83	83	86	87	89	92	88	89	90	89	87	83	92
73	84	83	87	87	91	88	89	89	92	87	86	81	92
74	81	84	87	85	91	88	91	88	89	85	82	81	91
75	81	85	86	90	87	90	90	90	92	89	84	80	92
76	81	81	88	86	89	97	94	91	89	83	80	84	94
77	83	84	87	86	89	91	89	91	90	92	84	85	92
78	83	82	88	89	90	90	90	89	91	90	85	83	91
79	84	84	88	88	88	88	90	89	89	87	85	81	90
80	84	83	87	88	94	92	90	94	92	91	86		
MEAN	82.0	83.5	85.0	88.1	87.1	89.5	90.9	91.1	90.9	88.4	84.8	82.8	82.3
S.D.	1.669	1.764	2.207	1.777	2.259	2.276	1.875	1.923	1.460	1.772	1.592	1.610	1.192
TOTAL OBS.	777	735	730	770	837	826	837	868	823	886	780	775	7635

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1 1970 STATION HOMESTEAD AFB FL STATION NAME 43-45, 56-8 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43		37	43	54	57	70	70	70	71	53	53	4	
44	40	50*	48	45	63	70	70	71	70				
45					65	67		71	70				
46					69	70	72	71	70	55	43	42	
47	48	31	47	54	68	69	73	72	73	53	57	35	36
48	42	38	40	56	59	72	72	72	71	57	61	40	36
49	41	59	46	55	63	70	71	70	70	63	43	48	41
50	38	43	45	55	56	69	72	71	70	7	58	39	38
51	39	48	48	50	63	68	74	73	71	55	54	39	39
52	40	50	41	55	61	69	72	73	72	63	46	36	36
53	42	49	53	53	59	69	74	72	72	61	46	42	42
54	34	44	52	54	63	70	73	73	73	60	61	51	34
55	30	42	48	60	65	67	70	72*	72	62	57	47	36
56	35	41	48	57	66	71	73	72	72	64	48	42	35
57	44	39	56	63	65	69	73	72	72	66	59	40	39
58	41	42	39	57	66	71	73	74	75	57	47	37	37
59	33	46	48	67	69	73	70	72	72	70	50	44	44
60	35	43	40	63	62	70	74	74	74	67	40	43	35
61	20	42	45	45	62	69	73	72	73	63	59	63	36
62	50	43	50	57	67	72	70	72	72	67	54	47	43
63	40	40	52	52	63	67	68	68	71	59	56	40	40
64	63	42	53	51	61	70	71	73	72	66	53	48	42
65	43	53	50	73	66	70	70	73	73	63	47	43	43
66	41	47	57	60	68	72	73	72	71	60	55	46	41
67	22	45	54	59	64	71	73	74	74	60	53	43	28
68	44	40	49	59	63	70	74	74	72	67	59	58	40
69	44	41	49	64	64	71	72	73	72	68	52	52	41
70	44	42	39	59	63	72	72	71	64	59	51		
MEAN	42.2	44.5	40.4	56.5	63.0	69.9	71.9	72.0	71.3	62.4	52.4	44.3	58.5
S. D.	7.541	5.172	5.219	5.413	3.563	1.591	1.591	1.414	1.966	4.941	5.220	6.461	3.789
TOTAL OBS.	775	735	776	730	837	826	837	868	823	806	786	775	7638

NOTES: \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

1 (AT LEAST ONE DAY LESS THAN 24 OBS)

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 826 HOMESTEAD AFB FL  
STATION STATION NAME

69-73, 73-80  
YEARS

JAN  
MONTH  
PAGE 1 3000-0700  
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
73/ 77				.1														1	1	
76/ 75		.3	.3	1.0	.1													16	16	
74/ 73		1.3	2.7	1.4	.4													54	54	5
72/ 71		2.2	8.7	2.3	.1													123	123	27
70/ 69		2.9	5.9	2.8	1.2													119	119	73
68/ 67	.2	4.4	3.8	2.4	.9													108	108	120
66/ 65	.1	6.6	2.4	1.6	.5													104	104	120
64/ 63		3.3	2.3	1.6	.2													69	69	111
62/ 61		3.2	1.6	.6	.2													53	53	79
60/ 59		2.8	1.9	.3	.1													48	48	79
58/ 57		1.0	2.4	1.2	.4													46	46	52
56/ 55		.9	2.5	.8	.2	.1												40	40	37
54/ 53		.5	1.8	.4	.2	.2												30	30	34
52/ 51		1.1	1.4	.9	1.2													42	42	37
50/ 49		.2	1.1	1.7	.4													24	24	41
48/ 47		.2	.5	1.1	.1													18	18	18
46/ 45		.6	.6	.2														14	14	23
44/ 43		.1	.4	.1														6	6	34
42/ 41			.2			.1												5	5	13
40/ 39			.4															4	4	5
38/ 37			.2															2	2	1
36/ 35			.1															1	1	5
34/ 33		.2																2	2	5
32/ 31																				2
30/ 29																				
28/ 27																				
26/ 21																				
20/ 19																				
18/ 17																				
TOTAL	.3	31.8	41.2	19.7	6.6	.4												929	929	929
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	6104582	74746	80.5	9.882	929	$\leq 0 F$	$\leq 32 F$	$\leq 47 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total								
Dry Bulb	3813452	59044	63.6	8.096	929			42.1	7.1			93								
Wet Bulb	3413056	55764	60.0	8.419	929		.2	23.1	.5			93								
Dew Point	3145669	53291	57.4	9.776	929	1.8	13.4	.2				93								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13826 HOMESTEAD AFB FL 69-70, 73-00 JAN  
 STATION STATION NAME YEARS 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		
76/ 75		.1	.3	.1														5	5				
74/ 73		.8	2.9	2.0		.1												54	54	1			
72/ 71		1.5	6.6	2.0														94	94	23	7		
70/ 69	.1	4.4	6.9	1.7	.6													128	128	66	26		
68/ 67	.2	3.9	5.1	1.7	.9													109	109	109	25		
66/ 65	.5	3.5	3.1	.6	.3													76	76	135	105		
64/ 63	.5	4.8	1.9	1.6	.3													86	86	91	120		
62/ 61	.1	3.5	2.2	.3														57	57	89	66		
60/ 59	.1	2.7	1.6	.1														42	42	79	80		
58/ 57		2.2	2.4	.5	.1													48	48	49	61		
56/ 55		1.7	1.6	.6	.2													39	39	73	60		
54/ 53		1.6	1.9	.9	.3	.2	.1											47	47	35	44		
52/ 51		1.4	.9	.8	.6													34	34	34	36		
50/ 49		1.0	.6	.5	.3													23	23	44	33		
48/ 47		1.2	1.0	.5	.4	.1												30	30	21	31		
46/ 45		.4	1.3	.9														24	24	31	20		
44/ 43		.4	.5															9	9	22	25		
42/ 41		.1	.6		.3													10	10	28	16		
40/ 39		.4	.5															9	9	11	18		
38/ 37			.3															3	3	11	20		
36/ 35																				4	16		
34/ 33		.2																2	2	6	10		
32/ 31		.1																1	1	3	18		
30/ 29																					3		
28/ 27																					7		
26/ 25																					1		
24/ 23																					2		
22/ 21																					2		
20/ 19																					2		
TOTAL	1.6	36.0	42.3	15.1	4.6	.3	.1											930	930	930	930		
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total												
Rel. Hum.	6302652	76002	81.7	9.928	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total											
Dry Bulb	3687424	57996	62.4	8.725	930	.1	39.0	5.9				93											
Wet Bulb	3324989	54985	59.1	8.930	930	.3	19.9	.1				93											
Dew Point	3079346	52664	56.6	10.223	930	3.1	11.8					93											

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17926 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS JAN 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	
70/ 77				.1														1	1			
70/ 75		.1	.9	.3	.1													13	13			
74/ 73		.5	2.4	1.5	.2													43	43	1		
72/ 71		2.3	6.7	1.6	.3													101	101	25	5	
71/ 69		3.2	5.7	1.3	.9													108	108	59	38	
68/ 67	.3	4.4	5.0	1.7	.5													111	111	121	73	
66/ 65	.4	4.6	2.6	1.8	.1													89	89	123	110	
64/ 63	.2	4.5	1.4	1.4	.3													73	73	88	115	
62/ 61	.2	3.6	2.2	.2														57	57	88	77	
61/ 59	.3	2.2	1.8	.1														41	41	72	70	
58/ 57		2.9	1.7	.5														48	48	47	50	
56/ 55		2.3	1.9	.4														43	44	51	63	
54/ 53		1.6	1.0	.6	.1	.2	.2											35	35	30	40	
52/ 51		1.6	1.0	1.3	.2	.1												39	39	39	32	
50/ 49		1.0	1.4	.5														27	27	30	43	
48/ 47		1.3	.6	.5	.1													24	24	28	23	
46/ 45		.4	1.0	.9	.4													25	25	32	19	
44/ 43		1.2	.3	.5														19	19	22	30	
42/ 41		.5	.3	.1	.1													10	10	27	11	
40/ 39	.1	.1	.6	.1	.1													13	13	16	33	
38/ 37	.1	.5	.2															8	8	9	14	
36/ 35			.1															1	1	10	7	
34/ 33		.1																1	1	5	13	
32/ 31																		1	1	2	10	
30/ 29	.1																	1	1	1	14	
28/ 27	.1																	1	1	1	6	
26/ 25																					1	
24/ 23																					1	
22/ 21																					2	
TOTAL	1.9	39.0	38.8	16.3	3.6	.3	.2												929	937		929
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	6366120	76360	82.2	9.828	929	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total										
Dry Bulb	3648034	57620	62.0	9.167	930		.2	37.7	5.7			93										
Wet Bulb	3292355	54637	58.8	9.227	929		.4	27.6	.1			93										
Dew Point	3054771	52393	56.4	10.378	929		3.6	11.6				93										

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17626 HOMESTEAD AFB FL 69-70, 73-80 YEARS JAN. MONTH

PAGE 1 8900-1100 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
04/ 83											.1							1	1		
02/ 81				.2	.1													3	3		
01/ 79		.1	.1	1.9	1.3					.1								33	33		
78/ 77			.9	3.9	4.4	1.3				.1								48	48	1	1
76/ 75		.3	2.0	5.6	5.2	1.7												138	138	4	
74/ 73		.3	2.4	4.9	2.9	1.3	.2											112	112	39	4
72/ 71		1.5	2.9	1.9	2.3	1.0		.1										90	90	97	28
70/ 69		1.2	2.5	1.7	1.9	.6		.1										68	68	143	78
68/ 67		1.1	2.0	1.2	1.1	.6			.1									57	57	131	104
66/ 65		1.3	1.6	1.6	1.0	.3	.1											55	55	87	104
64/ 63	.2	.6	1.0	.9	.4	.4		.1										34	34	64	96
62/ 61	.1	1.3	.8	1.3	.6	.1	.3	.2										44	44	62	75
60/ 59		.8	1.5	.9	.3	.2	.3											37	37	50	57
58/ 57		1.0	.9	.6	.6	.5	.2	.1										36	36	78	51
56/ 55		.2	.4	1.6	.4	.1		.2										28	28	37	55
54/ 53		.4	.8	1.1	.5	.3	.1	.1										31	31	25	43
52/ 51			.5	.9	.2	.1												16	16	28	30
50/ 49		.1	.3	.2	.5	.2												13	13	28	29
48/ 47			.6	.3	.2	.1	.1											13	13	27	18
46/ 45			.1	.3		.1												5	5	20	22
44/ 43		.1	.1	.2	.3													7	7	14	10
42/ 41			.1	.1	.2													4	4	15	18
40/ 39		.1	.2	.1														4	4	5	18
38/ 37			.1	.1														2	2	7	19
36/ 35		.1																1	1	9	7
34/ 33																				3	7
32/ 31																					10
30/ 29																					10
28/ 27																					4
26/ 25																					5
24/ 23																					7
22/ 21																					2
20/ 19																					1
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Ref. Num.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 826 HOMESTEAD AFB FL 69-70, 73-80 JAN  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 12-1-1980  
 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															
47/82					.2	.2	.2											6	6																	
47/81				.4	1.3	1.1	.3	.1										30	30																	
47/79				2.9	3.1	2.9	.1											54	34																	
75/77			.1	3.9	3.1	4.1	.9	.2										207	207																	
75/75			1.0	4.6	6.9	4.7	.8	.2	.1									170	170	1																
74/73			.9	.3	1.2	2.5	1.7	.3	.1									69	69	6	2															
73/71		.5	1.0	.9	2.5	2.8	.3	.3	.1									92	82	110	28															
72/69		.4	.4	.8	1.4	2.0	1.3	.2	.1									62	62	194	51															
67/67		.2	.6	.9	1.2	1.5	.5	.4	.1	.1								52	52	117	135															
67/65		.4	.4	.1	1.1	.8	.1	.1	.4									32	32	70	111															
64/63			.3	.3	.9	.8	.4	.2	.2									34	34	81	104															
61/61		.3		.2	.4	.3	.2	.4	.1	.2								26	26	64	67															
59/59		.6	.1		.2	.8	.5	.4	.3									28	28	46	59															
57/57				.1	.6	.2	.2	.4	.1									16	16	46	64															
57/55			.2		.3	.3	.1	.2										11	11	21	45															
54/53				.1	.1	.3	.1											6	6	14	36															
51/51					.1	.1												2	2	18	35															
49/49					.2		.5											7	7	33	25															
47/47						.1	.1											2	2	13	22															
45/45							.1											1	1	14	15															
44/43					.1	.1												2	2	9	4															
42/41				.1														1	1	6	15															
40/39																				4	17															
37/37																				5	8															
35/35																				3	6															
34/33																					11															
31/31																					12															
29/29																					3															
27/27																					6															
25/25																					3															
23/23																					6															
21/21																					10															
19/19																					4															
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17025 HOMESTEAD AFB FL  
STATION STATION NAME

69-70, 73-80  
YEARS

JAN  
MONTH

PAGE 1 18 0-17.0  
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
83						.2	.5	.2	.3									7	7	
81				.2	.5	.2	.3	.3										15	15	
79				2.9	2.2	.6	.4											53	53	
77			.5	3.9	6.0	1.5	.8											126	126	
75			.9	9.6	3.7	2.2	.3	.2										198	198	
73		.1	.9	3.9	3.7	2.4	.9	.4										109	109	59
71		.3	1.3	1.2	4.7	2.6	1.1	.3										99	99	26
69		.6	1.0	1.1	3.4	3.1	.9	.1	.2	.2	.1							100	100	53
67		.1	1.0	1.1	1.9	1.7	.4	.3	.5	.3								69	69	124
65		.3	.4	.4	.6	1.1	.4	.6	.5									43	43	117
63		.3	.1	.1	.9	.3	.5	.6	.1	.3	.1							29	29	74
61		.3		.1	.3	.4	.2	.2	.1	.1								17	17	52
59		.3			.3	.3	1.1	.9										27	27	67
57		.2		.1	.1	.3	.2	.1	.2									12	12	63
55				.3	.1	.1												5	5	55
53					.2													8	8	37
51							.4											4	4	34
49							.3											3	3	23
47																				17
45							.2											2	2	7
43					.1													1	1	5
41																				3
39																				11
37																				7
35																				14
33																				9
31																				14
29																				4
27																				3
25																				1
23																				3
21																				7
19																				9
17																				1
Element (X)	Σ X'	Σ X	X	X	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 316 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A102 404 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
HOMESTEAD AFB, FLORIDA, REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)  
JUN 81

UNCLASSIFIED USAFETAC/DS-81/065

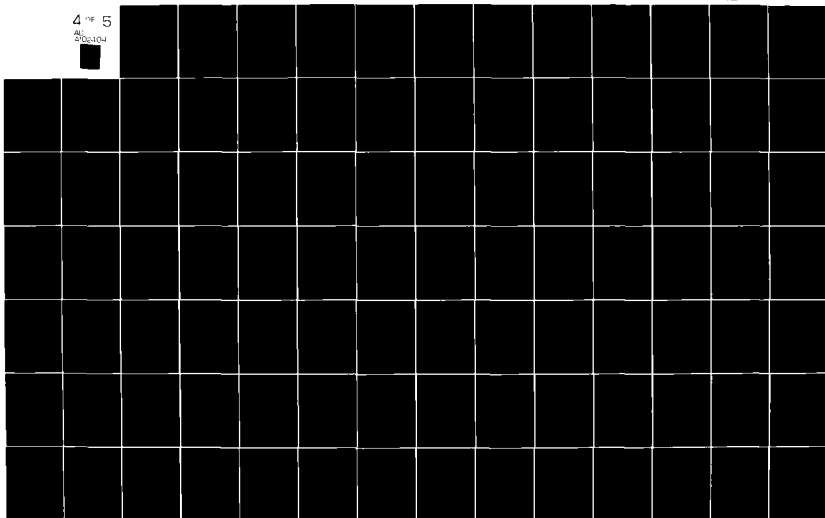
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4 of 5

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 020 HOMESTEAD AFB FL  
STATION STATION NAME

69-70, 73-80  
YEARS

JAN  
MONTH

PAGE 0 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		2.7	5.9	24.5	33.3	17.1	8.7	4.6	1.8	1.1	.2										920	930	970	930
Element (X)	$\sum X^2$	$\sum X$		$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature										Total							
Rel. Hum.	3960826	59700		63.8	13.906	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				93								
Dry Bulb	4847232	66898		71.9	6.141	930						73.1	51.3	3.6			93							
Wet Bulb	3871567	59595		64.1	7.533	930						45.2	6.1			93								
Dew Point	3289699	54333		58.4	11.147	930						4.2	21.8			93								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

18220 HOMESTEAD AFB FL 69-70, 73-87  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 15-3-2001  
 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
79 / 79				.1	.1													2	2		
78 / 77			.4	.5	.2		.1											12	12		
76 / 75		.3	1.6	2.3		.1	.1											41	41		
74 / 73		1.7	4.0	5.6	.9													113	113	16	1
72 / 71		1.7	11.6	5.9	.4	.2												185	185	48	21
70 / 69		1.8	7.0	6.2	1.8	.3	.1		.1									162	162	102	53
68 / 67		.8	2.9	2.9	2.7	.2			.1									89	89	167	93
66 / 65		1.2	3.2	2.7	3.3	.6	.2	.3	.2									88	88	134	141
64 / 63		1.1	1.2	2.7	1.4	.4	.3											50	50	88	100
62 / 61		.9	.8	1.8	.8	.3	.5	.3	.1	.1								53	53	72	104
60 / 59		.5	.4	1.2	.4	.5	.4	.1	.1									35	35	71	70
58 / 57		.1	.5	.3	.9	.2	.4											23	23	52	47
56 / 55		.3	.3	.3	1.2	.3	.2	.1										26	26	36	53
54 / 53		.1	.1	.5	.5	.2	.1											15	15	33	49
52 / 51			.1	.4	.3		.2											10	10	18	31
50 / 49			.1	.2		.3												6	6	29	32
48 / 47				.1		.1												2	2	25	17
46 / 45					.2													2	2	15	5
44 / 43					.4													4	4	8	19
42 / 41					.1													1	1	2	15
40 / 39				.1														1	1	5	19
38 / 37																				5	16
36 / 35																				2	10
34 / 33																					5
32 / 31																					7
30 / 29																					3
28 / 27																					1
26 / 25																					4
24 / 23																					8
22 / 21																					4
20 / 19																					2
TOTAL		10.5	33.2	33.3	14.4	4.7	2.9	.9	.6	.1									930	930	930
																		930			930
Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	5178799	68297	73.4	13.255	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4267241	62729	67.5	6.237	930			60.4	16.8			93									
Wet Bulb	3658442	57910	62.3	7.514	930			33.3	1.6			93									
Dew Point	3262847	54243	58.3	10.327	930		2.9	16.8	.1			93									

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1  
5

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17826 HOMESTEAD AFB FL 69-70, 73-80 JAN MONTH

PAGE 1 21-6-23-00  
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																	
70/ 77			.1																													1	1				
70/ 75		.2	.9	.8																													17	17			
74/ 73		1.4	2.3	1.4																												92	92	5			
72/ 71		2.7	9.4	2.9	.1																											139	139	29	10		
77/ 69		1.9	9.2	5.1	1.4																											164	164	72	40		
72/ 67		3.7	7.1	2.6	1.6																											179	139	140	73		
66/ 65		3.8	2.2	2.7	.5																											95	95	143	130		
64/ 63		1.6	1.7	2.2	.5	.4																										60	60	125	124		
63/ 61		1.6	1.7	1.2	.2		.1																									45	45	69	104		
61/ 59		1.3	1.9	1.2	.4	.1																										46	46	65	66		
73/ 57		.6	1.8	1.5	.5	.3																										47	47	59	66		
58/ 55		.4	1.1	.3	.9	.4	.1																									30	30	32	52		
64/ 53		.6	.9	1.0	.9	1.0																										40	40	39	40		
52/ 51		.1	1.0	1.2	.4	.1																										26	26	31	37		
60/ 49		.1	.9	.2	.1	.1																										13	13	27	31		
62/ 47		.1	.5	.1																												7	7	27	20		
65/ 45		.1	.3	.2																													6	6	30	16	
64/ 43			.1	.1	.2																											4	4	12	17		
62/ 41				.3																													3	3	11	24	
60/ 39			.1	.2																													3	3	2	16	
62/ 37			.1	.1																													2	2	2	10	
66/ 35			.1																														1	1	7	14	
64/ 33																																				3	11
62/ 31																																				4	
60/ 29																																				5	
68/ 27																																				2	
66/ 25																																				3	
64/ 23																																				2	
TOTAL		20.3	43.3	25.5	8.2	2.5	.2																										930	930	930		
Element (X)	Z <sub>g</sub> <sup>1</sup>	Z <sub>g</sub>	Z	σ <sub>g</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.	5777224	72602	78.1	10.853	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb	3971774	60466	65.3	7.236	930			51.2	7.0			93																									
Wet Bulb	3505942	56626	67.9	7.907	930			24.6	.5			93																									
Dew Point	3197587	53779	57.8	9.743	930		1.9	12.7				93																									

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

17326 HOMESTEAL AFB FL

69-70, 73-80

JAN  
MONTH

YEARS

PAGE 1

ALL  
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
84/ 83					.1	.1												14	14																		
83/ 81				.1	.2	.2	.1	.1										48	48																		
82/ 79		.0	.0	1.0	.8	.5	.1											177	177																		
79/ 77			.3	1.5	3.1	.9	.2	.0										446	446	1	1																
76/ 75		.2	1.0	3.7	7.6	1.1	.1	.1	.0									598	598	16																	
74/ 73		.8	2.4	2.6	1.2	.8	.3	.1	.0									606	606	188	9																
71/ 71		1.6	6.0	2.3	1.3	.8	.2	.1	.0	.0								913	913	440	135																
71/ 69	.0	2.1	4.8	2.6	1.6	.8	.3	.0	.1	.0	.0							911	911	897	421																
67/ 67	.1	2.3	3.4	1.8	1.2	.5	.1	.1	.1	.1								734	734	1020	796																
66/ 65	.1	2.7	1.9	1.5	.8	.3	.1	.1	.1									572	572	899	927																
64/ 63	.1	2.0	1.2	1.3	.6	.3	.2	.2	.0	.0	.0							445	445	726	865																
62/ 61	.1	1.8	1.1	.7	.7	.1	.3	.1	.0	.1								352	352	607	692																
59/ 59	.1	1.4	1.2	.5	.2	.2	.3	.2	.1									304	304	500	547																
58/ 57		1.0	1.2	.6	.4	.2	.1	.1	.0									276	276	374	476																
56/ 55		.7	1.0	.6	.4	.2	.1	.1										222	223	275	450																
47/ 53		.6	.8	.6	.4	.3	.1	.1										210	210	224	331																
51/ 51		.5	.6	.7	.4	.1	.1											173	173	236	275																
49/ 49		.3	.5	.3	.2	.1	.1											116	116	250	239																
47/ 47		.3	.3	.4	.1	.1												96	96	177	182																
46/ 45		.2	.4	.3	.1	.1												79	79	177	124																
44/ 43		.2	.2	.1	.1	.0												52	52	120	146																
42/ 41		.1	.2	.1	.1	.0												34	34	100	130																
40/ 39	.0	.1	.2	.1	.1													31	31	59	139																
38/ 37	.0	.1	.1	.0														17	17	42	122																
36/ 35		.0	.2															4	4	42	99																
34/ 33		.1																5	5	24	74																
32/ 31		.0																1	1	7	84																
30/ 29	.1																	1	1	1	46																
27/ 27																		1	1	1	34																
25/ 25																					19																
24/ 23																					27																
22/ 21																					27																
19/ 19																					19																
18/ 17																					2																
Element (X)	Z <sub>g</sub> <sup>1</sup>	Z <sub>g</sub>	Z	e <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1-826 HOMESTEAD AFB FL 69-70, 73-80 YEARS FFB  
 STATION STATION NAME MONTH  
 PAGE 1 1000-0200 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	
76/ 75			.1	.4														4	4			
74/ 73		.5	2.4	.7														30	33			
72/ 71		2.6	3.2	1.5	.2													64	64	18	5	
70/ 69	.4	3.3	5.3	2.1	.4													97	97	51	25	
68/ 67		3.9	5.2	2.1	.8	.4												105	105	65	62	
66/ 65		3.3	3.1	1.4	.2													68	68	93	68	
64/ 63		2.7	3.0	1.3	.7	.2												67	67	90	69	
62/ 61		2.6	3.2	1.8	.7	.2												68	68	68	70	
60/ 59	.1	3.3	4.9	2.2	.8	.1												97	97	69	59	
58/ 57		1.9	2.7	2.0	.5													60	60	79	67	
56/ 55	.1	1.9	3.1	1.9	.4	.1	.2											65	65	69	66	
54/ 53		.5	1.9	1.1	.5	.2												35	35	57	57	
52/ 51		.5	1.2	1.1	.2	.1												26	26	49	59	
50/ 49		.5	.8	1.2	1.3													32	32	47	46	
48/ 47		.1	.4	.6	.5													13	13	25	37	
46/ 45			.5	.5														8	8	14	40	
44/ 43		.2	.4	.1														6	6	22	22	
42/ 41			.1															1	1	20	18	
40/ 39																				10	15	
38/ 37																					14	
36/ 35																					3	
34/ 33																					19	
32/ 31																					7	
30/ 29																					4	
28/ 27																					2	
TOTAL		.627	.841	3.22	3.67	1.4	.2													846	846	846
Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	5378121	66845	79.3	10.686	846	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	3329530	52736	62.3	7.066	846			29.8	3.4			84										
Wet Bulb	2955669	49581	58.6	7.685	846			13.3				84										
Dew Point	2690750	47058	55.6	9.307	846		1.3	9.1				84										

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1020 HOMESTEAD AFB FL  
STATION STATION NAME

69-70, 73-80  
YEARS

FFR  
MONTH

PAGE 1 3300-0500  
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			.2															2	2		
74/ 73			2.2	.3														26	26		
72/ 71		2.5	3.0	1.1	.4													58	58	9	
70/ 69	.4	1.9	3.3	1.2	.8													64	64	43	33
68/ 67		4.5	5.0	.9	.1													89	89	55	44
66/ 65	.1	4.4	3.0	.7	.5													73	73	5	61
64/ 63		2.7	3.3	1.4	.5	.4												70	70	83	63
62/ 61	.2	3.2	1.5	1.3	.5													57	57	61	55
60/ 59		3.9	4.3	.8	.2	.2												60	60	59	49
58/ 57	.2	4.1	2.0	1.3	.1	.1												66	66	80	52
56/ 55		3.7	3.5	1.7	.4	.1												79	79	75	76
54/ 53		1.4	3.1	1.1	.4													50	50	62	70
52/ 51		1.2	2.1	1.5	.1													42	42	55	53
50/ 49		.1	1.5	1.1	.2													25	25	46	52
48/ 47		.7	1.3	1.4	.2													31	31	34	41
46/ 45		.4	.7	1.1														13	18	36	25
44/ 43		.2	.5	.2														8	8	17	34
42/ 41		.6	.4															8	8	21	30
40/ 39																				21	24
38/ 37																				1	15
36/ 35																					19
34/ 33																					14
32/ 31																					4
30/ 29																					2
TOTAL	.9	35.5	40.9	17.6	4.3	.8												846	846	846	846
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	5623007	68443	80.9	10.079	846	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	3171317	51389	60.7	7.675	846			23.7	2.8			84									
Wet Bulb	2845534	48592	57.4	8.234	846			11.4				84									
Dew Point	2611355	46337	54.8	9.361	846		.6	7.6				84									

USAFETAC Form 0-26-5 (O.L.A.) REVISION 10-64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17826 HOMESTEAD AFB FL 69-70, 73-80 FEE  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 1600-0300  
 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
70/75			.2	.4														5	5	
74/73		.5	1.8	1.5														32	32	
72/71		1.7	2.7	.7	.6													48	48	13
70/69	.2	2.6	4.5	1.8	.2													79	79	43
68/67	.2	3.1	3.3	.4	.4	.1												60	60	55
66/65		3.6	1.5	.7	.4													52	52	69
64/63	.4	4.3	2.1	1.1	.5	.4												73	73	75
62/61		3.1	3.0	.9	.4													62	62	68
60/59	.1	3.0	4.3	.8		.1												70	70	69
58/57	.1	3.2	3.4	.9	.5													69	69	64
56/55	.1	4.9	3.0	1.2	.8													34	34	50
54/53	.1	1.8	2.5	1.8	.7													58	58	75
52/51		1.1	1.8	.8	.1													32	32	51
50/49		.7	3.2	1.8														48	48	43
48/47		.6	1.1	.2														16	16	46
46/45		1.1	1.8	1.1	.1													34	35	42
44/43		.4	.2	.7														11	11	41
42/41		.5	.5															8	8	34
40/39			.5															4	4	27
38/37																			11	27
36/35																				
34/33																				
32/31																				
30/29																				
28/27																				
TOTAL	1.3	35.7	40.9	16.8	4.6	.6												845	845	845
Element (X)	Σ X'	Σ X	X̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	56251.1	68427	81.3	9.975	845	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	3110790	50840	60.1	8.117	846			22.2	3.7			84								
Wet Bulb	2789417	48031	56.8	8.380	845			11.5				84								
Dew Point	2558631	45783	54.2	9.617	845		1.3	7.2				84								

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10825 HOMESTEAD AFB FL  
 STATION STATION NAME

69-73, 73-80  
 YEARS

FEB  
 MONTH

PAGE 1 1980-1100  
 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
88/ 81				.1	.2	.2												5	5	
87/ 79			.2	1.1	1.2	.9												29	29	
78/ 77		.1	.5	1.5	3.1	1.1												53	53	1
76/ 75		.4	1.3	4.3	4.7	1.2	.2	.2										104	104	3
74/ 73		.4	1.2	3.1	2.0	1.3	.6											72	72	3
72/ 71		.4	3.2	1.9	2.1	2.0	.8	.1										89	89	5
70/ 69		.2	2.6	.9	2.7	2.2	.7											74	74	92
68/ 67		.8	1.1	1.9	2.4	1.4	.4	.4										69	69	102
66/ 65		.4	.9	2.2	1.3	.7	.6											52	52	57
64/ 63		.7	1.1	1.7	.6	1.3	.7											51	51	54
62/ 61		1.2	1.8	1.3	1.7	.7	.5	.1										61	61	75
60/ 59		.5	.8	1.8	.9	1.2	.4	.2	.1									50	50	83
58/ 57		.7	.9	1.3	1.7	.4		.1										43	43	53
56/ 55		.7	1.1	.7	1.2	.4		.1										35	35	46
54/ 53			.4	.4	.4	.1	.1											11	11	56
52/ 51		.2	.8	.4	.5	.4	.1											20	20	39
50/ 49		.2	.2	.5	.4	.2												13	13	37
48/ 47		.1		.6	.1													7	7	24
46/ 45				.2	.2													4	4	12
44/ 43			.1	.1	.1													3	3	11
42/ 41				.1														1	1	10
40/ 39																				3
38/ 37																				4
36/ 35																				1
34/ 33																				3
32/ 31																				7
30/ 29																				4
28/ 27																				5
26/ 25																				4
24/ 23																				2
22/ 21																				1
20/ 19																				1
TOTAL		7.0	18.2	25.3	27.2	15.8	5.1	1.3	.1									846	846	846
Element (X)	Z <sub>X</sub> '	Z <sub>X</sub>		X	σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature				Total									
Rel. Hum.	4035554	57444		67.9	12.643	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84							
Dry Bulb	3877505	56865		67.2	8.096	846			40.1	26.1	1.1		84							
Wet Bulb	3180901	51405		65.8	8.243	846			27.2	3.0			84							
Dew Point	2734321	47293		55.9	10.352	846		2.4	13.1	.4			84							

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17520 HOMESTEAD AFB FL

69-70, 73-80

FEE

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
86/ 89							.6	.8	.1																							1	1		
84/ 87							.6	.8	.2																							14	14		
82/ 81				.4	1.2	1.7	.5	.4																							34	34			
80/ 79				.9	1.8	3.3	.8	.1																							59	59			
78/ 77				1.4	7.1	3.9	1.4	.0																							123	123			
76/ 75			.2	2.2	4.0	3.5	.9	1.1	.1	.1																					104	104	4		
74/ 73		.1	.8	1.1	1.9	4.0	2.7	.6	.1																						95	95	32	3	
72/ 71		.1	.8	1.3	1.7	4.8	2.3	.4	.1																						102	102	56	11	
70/ 69		.1	.1	.6	2.8	3.7	1.2	1.2	.4	.1																					86	86	123	35	
68/ 67		.1	.1	.2	1.7	2.6	1.2	.8	.4	.1																					61	61	81	64	
66/ 65		.8	.4	.8	.7	1.5	1.4	.4	.2																						53	53	75	96	
64/ 63		.5	.1	.7	1.8	.9	.5	.4	.1																						42	42	78	64	
62/ 61		.1	.2	.4	.9	.8	.4	.4	.2																						29	29	115	61	
60/ 59			.7	.1	.2	.2	.1	.2																							14	14	69	49	
58/ 57		.1	.2	.4			.1	.4																							10	10	51	62	
56/ 55						.4	.4	.2																							8	8	41	59	
54/ 53			.1		.1	.2	.1																								5	5	43	68	
52/ 51					.1		.1	.2																							4	4	19	60	
50/ 49					.1		.1																								2	2	15	26	
48/ 47																																	5	5	27
46/ 45																																		11	34
44/ 43																																	15	23	
42/ 41																																	3	5	15
40/ 39																																	1	5	5
38/ 37																																	2	6	6
36/ 35																																		12	12
34/ 33																																		8	8
32/ 31																																		6	6
30/ 29																																		2	2
28/ 27																																		4	4
26/ 25																																		7	7
24/ 23																																		3	3
22/ 21																																		1	1
20/ 17																																		2	2
Element (X)	Σ X'		Σ X		X		σ <sub>n</sub>		No. Obs.		Mean No. of Hours with Temperature							Total																	
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1960 STATION HOMESTEAD AFB FL 69-70, 73-81 YEARS MONTH

PAGE 1 1,000-1000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
TOTAL		2.0	3.9	10.5	24.1	33.1	16.2	7.6	2.1	.5	.1							846	84	84	84														

Element (X)	Σ X'	Σ X	$\bar{X}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	3099384	50122	59.2	12.397	846							
Dry Bulb	4437341	60323	71.9	6.388	846			67.4	42.7	8.1		84
Wet Bulb	3389486	53216	62.9	7.851	846			38.4	3.6			84
Dew Point	2778961	47747	56.4	9.982	846		2.4	11.2	.3			84

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFSS WEATHER SERVICE/MAU

# PSYCHROMETRIC SUMMARY

10-78 HOMESTEAD AFB FL  
 STATION STATION NAME

69-71, 73-81  
 YEARS

FEB  
 MONTH

PAGE 1 1978-17 1  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
47/33						.1	.4	.4	.1									35	35		
48/31					.7	1.7	.9	.7		.4	.1							47	47		
49/29				.4	2.2	1.4	1.2	.2			.1							94	94		
50/27				1.3	3.4	2.8	1.2	.4										107	107		
51/25		.1	.1	2.3	3.5	2.1	.9	.5	.2									101	101		
52/23		.1	.5	1.2	3.2	4.4	3.1	.7	.1	.4								116	116	61	6
53/21		.4	.2	.5	3.2	5.3	3.4	.7	.4	.5	.1							115	115	174	37
54/19	.1	.1	1.1	.5	1.9	2.6	2.3	1.2	.2	.1								82	82	94	67
55/17	.1	.8	.5	.7	.4	1.7	1.2	.2	.5									51	51	77	77
56/15		.7	.9	.5	.2	.5	.9	1.2	.1									45	45	79	73
57/13		.2	.1	.2	.2	.5	.1		.4	.2								17	17	124	52
58/11		.4	.4	.1	.2				.4									9	9	86	59
59/9				.1	.1	.2	.6	.2										14	14	88	64
60/7						.1	.1											2	2	49	60
61/5																		2	2	25	67
62/3								.1										1	1	12	59
63/1																				12	35
64/0																				3	28
65/0																				11	17
66/0																					37
67/0																					18
68/0																					9
69/0																					13
70/0																					7
71/0																					7
72/0																					3
73/0																					5
74/0																					5
75/0																					1
76/0																					3
TOTAL	.2	2.7	4.5	11.0	26.0	27.1	16.1	7.6	2.9	1.7	.4							846	846	846	346
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	314,345	50239	59.4	13.650	846	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	84									
Dry Bulb	4387969	63741	71.8	5.642	846			70.0	38.9	6.9		84									
Wet Bulb	3373450	53138	62.8	6.510	846			28.5	2.9			54									
Dew Point	2758532	47600	56.3	9.750	846		2.5	10.4				84									

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1986 HOMESTEAD AFB FL 62-70,73-80 YEARS FEB MONTH

PAGE 1 10-0-2000 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					
79					.1	.1												2	2						
77			.2	1.1	.8	.1	.4	.1										23	23						
75			.7	2.4	1.2	.7		.1								.1		44	44						
73		.4	3.5	4.3	.7	.2	.1											78	78						
71		.9	5.7	4.4	2.1	.5	.2	.2										113	113	27					
69		1.1	3.4	3.9	2.4	.9		.2	.1									112	102	75					
67	.1	.2	3.3	4.1	3.9	1.1	.6	.2	.1									116	116	102					
65	.1	1.9	1.9	3.9	3.2	1.7	.5	.2										113	113	98					
63		.8	2.5	3.4	2.7	1.7	.6	.1	.1									95	95	77					
61		.5	1.9	2.7	1.4	1.1	.2		.1									67	67	118					
59		.4	.6	1.4	.9	.2	.2	.1	.1									34	34	14					
57		.5	1.1	.2	.5	.5	.1	.1										27	27	65					
55			.1	.6	.4		.5	.2										15	15	72					
53				.1	.2		.6											9	9	47					
51				.1		.5	.1											6	6	23					
49			.1		.2													3	3	2					
47																				37					
45																				3					
43																			14	33					
41																				11					
39																				1					
37																				2					
35																				1					
33																				2					
31																				6					
29																				6					
27																				7					
25																				1					
23		.2	6.6	24.3	32.6	20.4	9.2	4.3	1.8	.6		.1								4					
TOTAL																		846	846	346					

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4299304	59286	70.1	13.284	846							
Dry Bulb	3845399	56847	67.2	5.500	846			47.5	14.6	.2		64
Wet Bulb	3207723	51869	61.2	6.431	846			20.5	.2			64
Dew Point	2794816	47992	56.7	8.992	846		2.3	9.7				84

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

11020 HOMESTEAD AFB FL 69-70, 73-80 FFB  
 STATION STATION NAME YEARS MONTH

PAGE 1 0100-2300  
 HOURS (L. S. Y.)

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				.8														5	5		
74/ 73		.2	1.8	.6	.1													23	23		
72/ 71		2.7	6.4	1.8	.7													98	98	13	
70/ 69	.2	2.8	7.8	1.9	.5	.2												114	114	58	31
68/ 67	.1	2.4	4.4	3.7	.8	.7												122	122	65	61
66/ 65		3.1	2.8	3.7	1.3													86	86	104	67
64/ 63		1.9	3.9	3.8	.9	.2	.1											92	92	78	61
62/ 61		1.7	4.0	2.8	1.2	.7												98	88	69	62
60/ 59		1.7	3.3	2.5	1.2	.5	.1											78	78	100	67
58/ 57		1.1	2.2	2.4	1.4	.2	.4											65	65	88	70
56/ 55		.7	1.1	1.3	.7		.1											33	33	64	66
54/ 53		.2	.4	.9	.5		.1											19	18	52	63
52/ 51		.4	.4	.6	.5	.9												23	23	46	57
50/ 49		.1	.2	.8	.4	.1												14	14	30	36
48/ 47		.1		.4														5	5	18	41
46/ 45			.1		.1													2	2	15	24
44/ 43																				10	22
42/ 41																				10	13
40/ 39																				1	15
38/ 37																					6
36/ 35																					4
34/ 33																					6
32/ 31																					6
30/ 29																					6
TOTAL	.4	19.0	33.8	27.0	10.4	3.7	.8											846	846	846	846
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	5066044	64738	76.5	11.520	846	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3499907	54173	64.0	6.055	846			34.0	2.8			64									
Wet Bulb	3056249	50509	59.7	6.940	846			15.5				84									
Dew Point	2750870	47654	56.3	8.877	846		1.7	9.0				64									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17-26 HOMESTEAD AFB FL 69-71, 73-81 YEARS PAGE 1

FE -  
 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
66/ 80																		1	1		
64/ 83						.1	.1	.1	.1									22	22		
62/ 81				.1	.3	.4	.1	.1		.0	.0							74	74		
60/ 79			.0	.3	.7	.7	.3	.0		.0	.0							137	137		
70/ 77		.0	.1	.7	2.1	1.0	.4	.1		.0	.0							293	293	1	
76/ 75		.3	.4	1.7	1.9	.9	.3	.2	.1	.0	.0							375	375	8	1
74/ 73		.3	1.3	1.7	.9	1.2	.7	.1	.0	.0								457	457	28	5
72/ 71		1.4	3.1	1.7	1.4	1.5	.9	.2	.0	.0								688	688	256	5
68/ 69	.1	1.6	3.4	1.6	1.5	1.6	.5	.3	.1	.1	.0							731	731	599	249
66/ 67	.1	1.9	2.9	1.7	1.5	1.1	.5	.3	.1	.1	.0							664	664	642	474
76/ 65	.0	2.3	1.3	1.7	1.0	.7	.5	.1	.1									548	548	651	596
74/ 63	.3	1.8	2.1	1.7	.7	.8	.4	.2	.1	.0								535	535	617	563
72/ 61	.1	1.6	2.0	1.4	.3	.5	.1	.1	.1	.1	.0							449	449	668	603
70/ 59	.1	1.6	2.4	1.2	.5	.3	.1	.1	.1									432	432	631	429
68/ 57	.0	1.5	1.6	1.1	.6	.2	.1	.1	.1	.1								354	354	536	504
66/ 55	.0	1.5	1.5	.9	.5	.1	.2	.1										321	321	495	598
74/ 53	.1	.5	1.0	.7	.3	.1	.1	.0										187	187	423	527
72/ 51		.4	.8	.6	.2	.2	.1	.2										154	154	304	444
68/ 49		.2	.8	.7	.3	.0	.0											137	137	251	310
66/ 47		.2	.3	.3	.2	.0												72	72	164	275
66/ 45		.2	.4	.4	.1													66	67	144	225
64/ 43		.1	.1	.1	.0													28	28	112	239
72/ 41		.1	.1	.0														18	18	90	168
60/ 39		.1																4	4	19	125
78/ 37																				10	91
76/ 35																				3	77
74/ 33																					69
72/ 31																					52
70/ 29																					34
68/ 27																					19
78/ 25																					15
74/ 23																					15
72/ 21																					3
70/ 19																					4
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1. 26 HOMESTEAD AFB FL 64-70, 73-87 FEE MONTH  
 STATION STATION NAME YEARS

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
1. / 17																					
2. / 15																				1	
TOTAL	.5	17.8	26.6	27.3	15.5	11.5	5.3	2.3	.7	.3	.1						6767	6769	6767		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_X$	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	36267360	485544	71.8	14.531	6767	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	672									
Dry Bulb	29629758	444414	65.7	8.134	6768			343.7	134.9	16.3		672									
Wet Bulb	24798399	406281	60.0	7.745	6767			158.3	9.6			672									
Dew Point	21674238	377458	55.8	9.572	6767		14.4	77.5	.7			672									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ATC WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1986 HOMESTEAD AFB FL 69-70,73-27 M47  
 STATION STATION NAME YEARS MONTH

PAGE 1 000-0200  
 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																				
72/ 77			.3	.8	.1																											11	11							
70/ 75		.3	2.7	1.2	.3																												42	42						
74/ 73		3.1	5.6	4.7	1.6	.1																											141	141	.11					
72/ 71	.1	4.3	9.4	1.7	2.6	1.0																											177	177	73	4				
72/ 69	.2	3.8	6.3	2.7	1.7	1.1																												140	140	157	96			
68/ 67		4.5	4.6	2.8	1.3		.1																											124	124	135	130			
66/ 65		2.9	3.2	1.9	.4	.1																												80	80	116	139			
64/ 63		2.4	1.5	2.5	.4		.1																											64	64	113	73			
62/ 61		1.0	2.7	1.5		.1																													43	43	33	67		
60/ 59		1.2	1.7	.9	.2	.1																													71	31	67	92		
58/ 57		.3	1.1	1.4	.5	.2																													33	33	44	57		
56/ 55	.1	.5	.3	.8	.1	.3																													24	24	28	62		
54/ 53			.4	.1																															5	5	21	42		
52/ 51			.3	.4																															7	7	26	26		
50/ 49			.1	.1	.2																														4	4	12	19		
48/ 47				.1	.1																														1	1	9	15		
46/ 45			.2	.1																															3	3	6	13		
44/ 43																																								
42/ 41																																								
40/ 39																																								
38/ 37																																								
36/ 35																																								
34/ 33																																								
32/ 31																																								
TOTAL		.424	.339	.623	.5	8.9	3.0	.2																													930	930	930	930
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_s$	No. Obs.	$\leq 0 F$	$\leq 32 F$	Mean No. of Hours with Temperature				Total																												
Rel. Hum.	6041080	74338	79.9	10.323	930			$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																													
Dry Bulb	4321882	63182	67.9	5.630	930			63.5	19.4			93																												
Wet Bulb	3845336	59528	64.0	6.141	930			38.6	2.1			93																												
Dew Point	3558459	57109	61.4	7.448	930			26.6				93																												

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17826 HOMESTEAD AFB FL 69-70,73-82 ME -  
 STATION STATION NAME YEARS MONTH

PAGE 1 0300-0900  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70/ 77			.3	.5	.1													9	9						
70/ 75		.3	2.8	.4	.2													35	35						
74/ 73		2.8	5.4	4.3	.8													123	123	17	7				
78/ 71		4.8	5.4	1.8	1.7	.1	.1											130	130	16	31				
70/ 69		4.3	6.2	3.1	2.7	.4	.1											157	157	99	92				
50/ 67	.3	5.3	3.1	2.6	1.2	.2	.1											119	119	142	113				
66/ 65	.1	4.0	2.3	2.3	.3													83	83	122	122				
64/ 63	.2	3.3	2.5	1.5	.4													70	70	115	84				
61/ 61		2.3	2.2	.5	.1													47	47	98	85				
59/ 59	.2	2.4	2.0	.4		.1												48	48	71	97				
57/ 57		.0	1.3	.2	.6													26	26	68	59				
56/ 55		1.0	.4	1.1	.3													26	26	27	71				
54/ 53		.1	1.5	.5	.1													22	22	20	39				
52/ 51			.8	.5	.1													13	13	12	29				
51/ 49		.4	.6	.3														13	13	31	17				
48/ 47		.2	.1	.1														4	4	20	17				
48/ 45			.3	.1														3	3	8	17				
44/ 43			.2															2	2	4	18				
42/ 41																				2	12				
40/ 39																					6				
38/ 37																				3	6				
36/ 35																					1				
30/ 29																					1				
28/ 27																					1				
TOTAL		.931	.836	.820	.5	8.8	.9	.3										930	930	930	930				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total														
Rel. Hum.	6242857	75625	81.3	10.018	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total													
Dry Bulb	4187292	62118	66.8	6.413	930			57.3	16.7			93													
Wet Bulb	3755086	58770	63.2	6.660	930			34.4	1.7			93													
Dew Point	3492488	56536	60.8	7.735	930		.3	24.5	.3			93													

USAFETAC FORM 0-26-3 (OL A) JUL 54 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1282c STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS MAR  
 MONTH 7000-1300  
 HOURS (L. S. T.)  
 PAGE 1

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				
79/79				.1	.1													2	2					
78/77		.1	.2	.6	.1													16	16					
75/75		.8	3.7	2.7	.5	.4												75	75	2				
74/73		1.9	5.9	3.8	.6	.5												118	118	23 4				
72/71		4.9	7.1	2.0	2.4	.6	.1											160	160	96 47				
71/69	.2	3.5	4.4	2.3	2.3	.2												120	120	125 1.5				
69/67		4.9	3.7	1.8	1.7	.2	.1											94	94	126 1.3				
67/65		3.9	1.6	2.3	.3	.1	.1											77	77	102 1.1				
64/63	.1	3.3	2.3	1.1	.1	.1												64	64	113 96				
62/61		1.7	1.8	1.1	.1	.1												45	45	85 73				
59/59	.3	2.5	1.3	.5	.1													44	44	70 83				
57/57		.5	1.2	.3	.3													20	20	55 77				
55/55		.8	.6	1.0	.2													24	24	18 70				
54/53		.4	1.3	1.0	.3													28	28	23 34				
52/51			1.3	.9	.1													21	21	19 22				
51/49		.4	.1	.3	.1													9	9	21 15				
48/47		.3	.2	.1														6	6	25 11				
46/45		.1	.3															4	4	17 28				
44/43																				4 12				
42/41				.1														1	1	2 14				
40/39				.2														2	2	14				
38/37																				4				
36/35																				1 1				
34/33																				2 1				
32/27																				1 1				
29/25																				2 2				
TOTAL	.6	29.2	36.7	22.2	8.6	2.4	.3											930	930	930 930				
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total													
Ref. Num.	6126624	74896	80.5	10.112	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total												
Dry Bulb	4240063	62461	67.2	6.962	930			56.5	21.1	.1		93												
Wet Bulb	3781478	58936	63.4	7.081	930			37.2	2.5			93												
Dew Point	3506489	56607	60.9	8.100	930		.3	25.5	.4			93												

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

19626 HOMESTEAD AFB FL

69-70,73-80

MAR  
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
86/ 85						.2	.1	.1									4	4	
84/ 83					.3	.4	.1										8	3	
82/ 81				.8	2.4	2.5	.4	.1									57	57	
80/ 79			.3	3.8	4.9	2.6	.4										123	123	
78/ 77			1.4	5.4	6.8	2.9	1.2	.3	.1								168	168	
76/ 75		.3	3.7	4.1	4.5	4.4	.8	.4									169	169	21
74/ 73		.2	1.3	3.9	2.8	3.7	.9	.2									119	119	126
72/ 71		.6	1.3	1.6	3.1	1.6	.3	.4	.1								85	85	155
70/ 69	.1	.4	1.7	.9	1.7	.6	.3	.2									49	49	137
68/ 67		.2	.9	.5	1.1	1.0	.2	.2									38	38	111
66/ 65			.4	.6	.2	.4	.2										18	18	114
64/ 63		.2	.2	.3	.4	.8	.4										22	22	34
62/ 61		.1	.2	.3	.2	.3	.2	.2									15	15	52
60/ 59		.4	.4	.9	.4	.2											22	22	22
58/ 57		.2	.1	.5	.5	.2	.1										16	16	25
56/ 55			.3	.4	.1	.2											10	10	17
54/ 53			.1	.1	.1	.1											4	4	25
52/ 51																			22
50/ 49																			13
48/ 47																			9
46/ 45																			1
44/ 43																			1
42/ 41					.7												2	2	10
40/ 39				.1													1	1	7
38/ 37																			6
36/ 35																			1
34/ 33																			3
32/ 31																			2
30/ 23																			1
28/ 21																			2
TOTAL	.1	2.8	11.2	23.8	30.3	22.4	6.6	2.7	.2								930	930	930
Element (X)	Σ X'		Σ X		X̄	P <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature						Total					
Rel. Hum.	4312765		62521		67.2	10.865	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93					
Dry Bulb	5104427		68649		73.8	6.313	930			82.0	64.8	13.0		93					
Wet Bulb	4158722		61892		66.6	6.543	930			54.7	14.9			93					
Dew Point	3642482		57694		62.0	8.257	930	.5	34.1	1.1				93					

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1976 HOMESTEAD AFB FL 69-73-87 YEARS MONTH

PAGE 1 12-1-146  
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																			
89									.1	.1																						2	2						
87							.2		.1	.1																						4	4						
85							.5	.5	1.4																							23	23						
83					1.3	2.8	1.4	.5																								56	56						
81				.3	3.4	4.9	2.9	.5	.1	.1																						115	115						
79				4.3	5.7	4.1	2.9	1.1	.3																							171	171						
77			.3	2.9	6.4	4.1	3.3	.9																								173	173						
75			1.2	3.7	2.6	3.8	2.9	.3	.3	.1																						142	142	27					
73		.1	.5	1.1	1.3	3.3	1.5	.6	.4																								83	83	157	4			
71			.3	.4	1.2	2.3	1.2	.2																										52	52	165	74		
69		.3	.8	.2	.2	.9	1.3	.1	.2																									39	39	145	112		
67		.1	.4		.3	.3	.4	.2	.1																									17	17	113	143		
65		.1	.2			.1	.6	.8	.2																									19	19	97	122		
63			.1	.1	.1	.4	.5	.4	.2																									18	18	72	89		
61		.3	.1		.1	.2	.1																											8	8	45	72		
59		.2	.1			.2	.1																											6	6	40	75		
57			.1																															1	1	14	67		
55		.1																																1	1	9	44		
53																																					18	31	
51							.1																												1	1	13	15	
49							.1																												1	1	9	14	
47																																				1	1	13	
45					.1																														1	1		7	
43																																						13	
41																																						1	3
39																																						1	9
37																																						1	4
35																																						1	
33																																						3	
31																																						2	
29																																						1	
27																																						2	
25																																						1	
Element (X)	Σ X'		Σ X		X	σ <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature						Total																								
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																									
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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



GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1980 HOMESTEAD AFB FL 69-70, 73-80 YEARS MONTH  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 15 7-1736 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					
89									.2	.1								3	3							
88						.3	.9	1.2	.2	.1	.1							26	26							
87					.4	1.3	1.4	.6	.2	.3	.1							44	44							
86				.9	2.9	4.7	1.9	.6	.1	.1				.1				175	175							
85				2.7	4.2	4.7	2.3	.9	.2									132	132							
84			.5	4.6	6.9	2.6	1.6	.2	.4							.1		158	158							
83			.8	5.7	3.9	4.6	2.3	.3	.2							.1		166	166	72						
82		.2	1.1	3.0	2.2	2.7	2.4	.4	.1	.1								113	113	129	1					
81		.2	.3	.4	2.2	2.4	1.2	.3										65	65	158	50					
80	.1	.1	.4	.1	1.7	1.9	.3	.4		.2								50	50	176	111					
79		.2	.2	.1	.2	.9	1.1	.2	.4									28	28	112	137					
78		.2		.4	.6	.3	.4	.1										20	20	87	142					
77		.1	.1	.1	.1		.1											4	4	80	84					
76		.2	.1	.3	.2	.1	.1											10	10	65	82					
75							.7											2	2	58	61					
74							.1											1	1	17	09					
73							.2											2	2	21	47					
72							.1											1	1	6	42					
71																				13	31					
70																					17					
69																				3	15					
68																					9					
67																					6					
66																					3					
65																					1					
64																					2					
63																										
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8																										
7																										
6																										
5																										
4																										
3																										
2																										
1																										
TOTAL	.1	1.1	3.5	17.8	25.6	26.7	16.2	5.8	2.7	1.1	.9	.1						930	930	930	930					

Element (X)	Z <sub>X'</sub>	Z <sub>X</sub>	X	X <sub>n</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	374.371	57993	62.4	11.602	930							
Dry Bulb	5418697	70833	76.2	5.055	930			89.0	74.7	24.5		97
Wet Bulb	4251714	62678	67.4	5.439	930			59.7	15.1			97
Dew Point	3628109	57649	62.7	7.663	930			39.5	.1			97

USAF/TAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10826 HOMESTEAD AFB FL 69-70, 73-80 YEARS MAP MONTH

PAGE 1 1876-2000 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
67/85							.1		.1								2	2	
74/83							.1										1	1	
72/81				.1	.2	.2	.3	.3									11	11	
70/79				.8	1.9	1.1	.2										39	39	
77/77			.5	3.4	2.7	.6	.9	.1									76	76	
75/75		.4	4.3	7.2	3.1	1.1	.1		.1								157	157	
74/73		1.0	6.8	3.0	3.4	1.1	.5	.1									194	194	40
70/71		.5	7.7	3.8	3.0	1.8	.4	.2									163	163	134
71/69	.1	.3	2.3	2.4	3.5	1.6	1.0	.1									105	105	101
68/67		.1	.4	3.4	2.3	.6											65	65	160
66/65		.5	.2	1.2	2.9	.3	.4	.1	.1	.1							54	54	89
64/63		.5	.1	1.0	.7	.3		.1	.1								28	28	94
62/61			.1	.6	.2	.3	.2	.2									16	16	81
61/59				.1	.3	.1	.2										7	7	49
60/57		.2			.2	.1	.1										6	6	39
58/55		.1				.1											2	2	20
54/53					.1	.1											2	2	9
52/51						.1											1	1	3
51/49					.1												1	1	9
50/47																			7
46/45																			0
44/43																			1
42/41																			4
40/39																			3
38/37																			5
36/35																			4
34/33																			2
32/31																			0
30/29																			1
TOTAL	.1	3.9	23.0	31.9	24.8	9.7	4.5	1.5	.5	.1							930	930	930

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4837961	66217	71.2	11.518	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	4843464	66970	72.0	4.744	930			81.3	48.0	3.1		93
Wet Bulb	4060918	61242	65.9	5.493	930			52.2	4.1			93
Dew Point	3619048	57592	61.9	7.521	930		.7	29.3				93

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1975 HOMESTEAD AFB FL 64-70, 73-30 YEARS MONTH

PAGE 1 210-2700 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																		
70/ 77																																		16	16			
72/ 75			.3	2.6	3.2	.9		.1																									4	64				
74/ 73			2.9	9.7	4.8	2.3	.3																										142	132	13			
72/ 71		.1	4.1	13.4	2.9	1.9	1.1	.4																									223	223	11	27		
72/ 69		.1	3.4	4.4	3.2	2.2	.9	.2																									140	140	171	104		
68/ 67			1.9	3.4	3.3	1.7		.2	.1																								100	100	171	172		
67/ 65		.1	1.4	2.2	1.6	.8																											56	56	1	147		
64/ 63			.5	1.2	2.5	.9		.1	.1																								50	50	96	50		
62/ 61			.3	.5	1.4	1.2	.1	.1																									34	34	95	31		
62/ 59			.2	.5	1.2	.3	.3	.1																									25	25	63	75		
61/ 57			.2	.8	.6	.2	.3	.1																										21	21	45	48	
57/ 55				.2	.4	.1	.2																											9	9	28	3	
67/ 53				.1	.2	.2																												5	5	20	40	
67/ 51						.2																												2	2	17	30	
52/ 49																																						
67/ 47					.1	.1																												2	2	7	10	
60/ 45					.1																													1	1	5	14	
64/ 43																																						
62/ 41																																						
61/ 39																																						
60/ 37																																						
60/ 35																																						
64/ 33																																						
62/ 31																																						
TOTAL		.3	15.1	139.4	26.6	13.9	3.4	1.3	.1																										930	930	970	930
Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Num.	5700024	72128	77.6	10.681	930	0 F	32 F	67 F	73 F	80 F	93 F	Total																										
Dry Bulb	4499868	64526	69.4	4.962	930			72.5	26.2			93																										
Wet Bulb	3945375	60335	64.9	5.782	930			46.5	1.3			93																										
Dew Point	3617928	57598	61.9	7.387	930			31.4				93																										

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 425 HOMESTEAD AFB FL 69-70, 73-5  
 STATION STATION NAME YEARS MONTH ALL  
 PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
99																		5	5	
97																		4	4	
95																		65	55	
93																		119	119	
91																		208	208	
89																		467	467	
87																		624	624	
85																		850	850	
83																		1073	1073	
81																		1355	1355	
79																		800	800	
77																		555	555	
75																		407	407	
73																		320	320	
71																		218	218	
69																		145	145	
67																		124	124	
65																		99	99	
63																		67	67	
61																		45	45	
59																		28	28	
57																		13	13	
55																		12	12	
53																		2	2	
51																		3	3	
49																		3	3	
47																				
45																				
43																				
41																				
39																				
37																				
35																				
33																				
31																				
29																				
27																				
25																				
23																				
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		S <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17-73 STATION HOMESTEAD AFB FL 62-73, 73-81 YEARS MONTH ALL

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point								
2/ 21																													
TOTAL	3	13	7	24	3	22	4	18	1	12	6	1	2	2	6	1	2								7440	744		744	
																		7440		744									
Element (X)	Σ X'	Σ X	X̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																							
Rel. Hum.	40662121	541121	72.7	12.248	7440	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																	
Dry Bulb	38.99911	529977	71.2	6.838	7440			591.5	347.5	70.3		744																	
Wet Bulb	32031646	436262	65.4	6.357	7440			334.2	65.3			744																	
Dew Point	28716949	458592	61.6	7.777	7440		3.1	235.2	2.3			744																	

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAAC

# PSYCHROMETRIC SUMMARY

STATION: 1 229 HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

APR  
 MONTH

PAGE: 010-0200  
 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																	
74			.1	.3																													4	4			
73		.3	1.1	.7																													19	19			
75		.8	5.8	7.7	1.9	.2																											147	147	5	4	
73		4.0	6.2	13.1	2.9	.6																											214	214	3	4	
71	.1	4.4	7.1	7.1	4.9	1.7	.2																										230	737	175	56	
69	.2	2.1	3.0	2.9	3.7	1.7																											178	129	188	164	
67		.7	2.3	2.4	1.6	1.0	.1																										73	73	163	130	
65		.9	.9	2.0	1.1	.2																											46	46	134	130	
63		.4	.3	1.7	.4																												20	20	101	122	
61			.2	.1	.4		.1																										8	8	73	89	
59			.1	.4	.2		.2																										9	9	79	67	
57				.1																													1	1	23	57	
55				.1																													1	1	7	44	
53																																			8	23	
51																																				1	16
49																																			4	1	
47																																					7
45																																					1
39																																					1
37																																					1
35																																					1
TOTAL		.3	13.7	22.2	35.0	16.4	4.7	.7																										900	900	900	900
Element (X)	Σ X'	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	
Rel. Hum.	5374589	68973	76.6	9.935	900	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																									
Dry Bulb	4607065	64315	71.5	3.505	900			81.5	38.4	.2		90																									
Wet Bulb	4008495	59937	66.6	4.335	900			51.1	3.5			90																									
Dew Point	3673682	57270	63.6	5.719	900			32.1	.9			90																									

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 69-71, 73-80 STATION HOMESTEAD AFB FL STATION NAME 69-71, 73-80 YEARS APR MONTH  
 PAGE 1 370-0500 HOURS (L. S. Y.)

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																		
77/77		.3	.3	.3	.3																											15	15					
76/75		.9	4.5	5.2	1.2																											109	109	3	7			
74/73		3.7	5.9	6.8	1.2	.1																										158	159	24	6			
73/71	.3	4.3	7.5	9.4	2.9	1.2																										220	220	28	56			
71/69	.9	2.7	6.4	3.5	2.7	.8																										151	153	172	57			
69/67	.6	1.2	3.8	2.7	.9	.8																										86	86	157	140			
67/65		1.3	1.6	2.9	.7	.1																										56	56	149	122			
64/63		1.2	1.2	2.3	.4																											47	47	66	116			
62/61		.3	.9	.7	.9																												28	28	63	101		
61/59			.7	.4																													10	10	43	58		
59/57				.3	.1	.2	.1																										7	7	30	42		
58/55			.1	.4	.1																												6	6	17	67		
54/53			.2	.1																													3	3	6	26		
52/51			.1																														1	1	5	11		
51/49																																				8	12	
48/47																																				4	12	
46/45																																					2	
44/43																																					4	
42/41																																					2	
39/37																																					1	
38/35																																					1	
TOTAL	1.4	16.5	33.3	33.9	11.5	3.2	.1																												897	897	897	
Element (X)	ΣX'	ΣX	X	%	No. Obs.	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Rel. Hum.	5585965	70249	78.3	9.7	4	897																																
Dry Bulb	4449030	63160	70.2	4.297		901			74.2	28.3																											90	
Wet Bulb	3901196	58996	65.8	4.842		897			45.6	2.7																											90	
Dew Point	3595370	56534	63.7	6.002		897			29.3	.9																										90		

USAFETAC Form 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

19826 HOMESTEAD AFB FL 69-70, 73-80 APR  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 1600-0600  
 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
93						.1												1	1	
81				.1														1	1	
79			.3	.7	.1												16	16		
77			1.9	3.6	2.3	.3	.1										89	33	2	
75		1.0	4.2	6.5	3.2	1.2	.2										147	148	14	
73		3.0	5.3	6.3	3.2	1.5	.6										177	180	49	
71		2.5	5.1	3.9	3.4	.6	.2										140	141	113	
69	.3	3.2	4.9	2.6	2.7	.4	.1										120	120	175	
67	.2	1.7	2.5	2.2	.9	.4	.1										72	72	137	
65		1.1	1.7	1.9	.9	.4											54	54	138	
63	.2	.9	.9	1.6	.2	.1											35	35	47	
61		.4	.4	.8	.4		.1										20	20	56	
59	.1	.2	.3	.8	.1												14	14	49	
57		.2	.1	.3	.1												7	7	23	
55				.2	.1												3	3	16	
53			.4	.2													6	6	9	
51		.1	.1														2	2	3	
49																			12	
47																			2	
45																				
43																				
41																				
39																				
37																				
TOTAL		.9	14.5	28.6	31.3	17.9	5.4	1.5									895	900	895	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5341344	68520	76.6	10.338	895	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4592481	64139	71.3	4.899	900			75.9	42.6	.7		90
Wet Bulb	3963687	59385	66.4	5.113	895			49.3	6.5			90
Dew Point	3628874	56716	63.4	6.238	895			31.8	2.4			90

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

1986 HOMESTEAD AFB FL 69-70, 73-60 APC MONTH  
STATION STATION NAME YEARS MONTH  
PAGE 1 0908-1100  
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
87						.2	.1											3	3		
85					.1	1.0	.1	.4										15	15		
83				.6	1.6	1.8	.9		.1									43	43		
81			.1	2.6	4.7	4.5	1.6	.7	.1	.2								129	129		
79		.2	.2	4.3	6.9	8.4	1.4	1.1	.1									201	201	1	
77		.1	.9	4.5	7.8	5.9	3.7	1.2										243	243	14	3
75		.4	1.1	1.2	4.	4.7	3.2	1.4	.1	.1								141	141	60	5
73		.2	.7	.6	.6	1.7	1.6	.4	.1	.1								53	55	130	36
71			.3	.2	.4	.9	1.0	.3										29	29	191	90
69		.1	.3	.1	.3	.4	.3	.1	.1									19	19	165	112
67			.1	.2	.2	.3	.1											9	9	112	141
65		.2	.1	.1		.1	.2	.2										9	9	70	136
63					.1													1	1	71	94
61						.1	.1											2	2	33	62
59																				10	59
57																				7	52
55																				5	43
53																				2	26
51																				3	10
49																				1	0
47																					0
43																					0
41																					0
37																					0
TOTAL		1.3	3.9	14.0	30.0	29.3	14.3	6.0	.7	.4								897	999	897	897

Element (X)	Z <sub>X</sub> '	Z <sub>X</sub>	X	σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3747.84	57.58	62.8	10.141	897							
Dry Bulb	5456733	69963	77.8	3.654	899			88.8	83.1	30.3		90
Wet Bulb	4319375	62117	69.2	4.456	897			68.3	21.4			90
Dew Point	3753216	57748	64.4	6.291	897			38.8	4.4			90

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10026 HOMESTEAD AFB FL STATION NAME

69-70, 73-80 YEARS

APR MONTH

PAGE 1 1270-1400 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
89								.4		.1	.2						7	7		
87						.8	1.2	.6	.2	.1							26	26		
85					.3	2.2	1.1	1.0	.6	.4							51	51		
83				.3	1.2	3.8	2.6	1.8	.6	.1							93	93		
81			.1	2.1	5.2	9.7	3.6	1.6	1.0	.1		.1					211	211		
79			.2	1.3	6.1	7.0	3.2	1.3	.8	.2							182	182		
77		.1	.3	1.8	7.0	4.9	5.2	3.2	.7	.2							211	211	23	
75		.1	.9	.9	.9	1.4	2.4	1.3	.3								75	75	74	
73			.3	.1		.8	1.2	.3	.1		.1						27	27	155	14
71		.2	.3	.1		.1	.1		.1	.1							10	10	250	83
69		.1	.1			.1			.1								4	4	163	127
67			.2														2	2	104	152
65								.1									1	1	75	124
63																			59	95
61																			29	71
59																			9	55
57																			1	43
55																			3	57
53																			1	17
51																			1	19
49																				
47																				
45																				
43																				
41																				
37																				1
35																				
TOTAL		.6	2.6	6.7	20.8	30.8	20.7	11.7	4.4	1.4	.3	.1					900	900	900	900
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	3352467	54115	60.1	10.475	900	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total								
Dry Bulb	5756923	71913	79.9	3.472	900			89.9	88.3	48.2		900								
Wet Bulb	4427316	63227	70.0	4.018	900			72.7	25.4			900								
Dew Point	3779898	58074	64.5	6.02	900			40.1	3.9			900								

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

1 26 HOMESTEAD AFB FL 69-70, 73-80 APR  
STATION NAME YEARS MONTH  
PAGE 1 15 6-1700  
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	
89							.1	.2	.1	.1								5	5			
87						.3	.7	.4	.2	.1								22	22			
85					.2	1.4	.6	.4	.1	.1								26	26			
83				.2	1.7	2.1	2.0	.6	.3	.1								67	67			
81				.7	5.9	5.2	2.2	.3	.3	.1	.1							138	139			
79				2.0	7.1	8.2	2.6	1.8	.3	.6								203	203			
77			.7	2.1	9.3	5.1	5.1	1.7	1.1									226	226	11		
75		.2	.9	1.9	3.7	3.9	3.3	1.6		.1								131	131	57		
73		.3	1.3	.8	.1	1.4	.9	.9			.7							54	54	148		
71		.3	.9	.2	.8	.2	.2											24	24	193		
69			.3			.1												4	4	185		
67																				12		
65																				38		
63																				66		
61																				23		
59																				6		
57																				1		
55																				4		
53																				3		
51																				15		
49																				9		
47																				3		
45																				1		
43																				1		
41																				1		
39																				1		
37																				1		
35																				1		
33																				1		
31																				1		
29																				1		
27																				1		
25																				1		
23																				1		
21																				1		
19																				1		
17																				1		
15																				1		
13																				1		
11																				1		
9																				1		
7																				1		
5																				1		
3																				1		
1																				1		
TOTAL		.9	4.1	7.9	28.1	28.1	17.3	8.2	3.7	1.2	.4							900	900	900		
Element (X)	Σ X'		Σ X		Σ X <sup>2</sup>		Σ X <sup>3</sup>		No. Obs.		Mean No. of Hours with Temperature					Total						
Rel. Hum.	3532402		55556		61.740703		900		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	5616137		70989		78.93460		900						90.0		87.2		37.8				900	
Wet Bulb	4366639		62599		69.63821		900						70.6		20.8						900	
Dew Point	3751736		57078		64.35744		900						38.6		1.9						900	

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17826 HOMESTEAD AFB FL 69-70, 73-87 APR MONTH  
 STATION STATION NAME YEARS  
 PAGE 1 1870-2000  
 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
67/85					.1		.1	.1	.1								4	4		
64/83					.2	.1	.3	.2									8	8		
62/81			.1	.4	.3	.9		.1									21	21		
61/79			.4	2.4	3.7	2.0	1.2		.2								92	92		
7-7/77		.1	2.3	4.8	7.2	1.9	.9	.3									155	155		
76/75		.2	3.7	6.9	6.7	4.3	1.2	.6	.1								249	249	16	2
74/73		.7	3.2	6.3	5.3	3.7	1.6	.8									194	194	77	17
72/71		.7	1.4	2.7	3.2	3.0	1.1	.1									110	110	164	50
71/69		.2	.8	1.1	1.9	1.3	.3			.1							52	52	275	119
67/67			.1	.7	.3	.1	.1			.1							13	13	136	155
67/65					.1												1	1	121	141
64/63								.1									1	1	76	91
62/61																			71	90
61/59																			20	71
61/57																			4	53
59/55																			1	47
47/53																				28
52/51																			2	23
51/49																			1	3
47/47																				5
64/43																				1
34/33																				2
72/31																				1
TOTAL		1.9	11.8	29.3	29.8	17.3	6.9	2.2	.3	.4							900	900	900	900

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4329296	61694	68.5	10.559	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5086318	67600	75.1	3.130	900			89.8	72.3	6.8		90
Wet Bulb	4176618	61208	68.0	3.936	900			60.4	9.5			90
Dew Point	3696384	57448	63.8	5.720	900		.1	34.3	1.9			90

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/LMAC

# PSYCHROMETRIC SUMMARY

17826 HOMESTEAD AFB FL 69-73,73-B1 APR 21 0-2700  
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)  
 PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
87/79			.1	.9	.1													10	17		
77/77		.3	1.2	2.7	1.1	.1												49	49		
76/75		.9	6.1	17.7	3.6	.3	.1											175	195	5	0
74/73		1.7	8.6	17.8	4.4	2.3	.2											252	262	44	7
72/71		2.7	5.9	7.4	5.6	1.3	.3	.1										204	204	125	50
72/69		1.3	2.3	3.1	3.1	1.3	.7											111	111	220	115
67/67	.1	.1	.4	1.9	2.7	1.0	.1											53	53	157	166
66/65		.1	.4	.9	.4	.1												18	18	138	131
64/63		.1		.1	.1	.2		.1										6	6	89	1.2
62/61							.1	.1										2	2	62	76
61/59																				39	77
60/57																				15	61
58/55																					41
54/53																				3	24
52/51																					18
51/49																				3	4
48/47																					2
46/45																					2
44/43																					1
38/37																					1
34/33																					2
TOTAL	.1	6.6	25.1	39.4	20.7	7.1	1.7	.3										900	900	900	900
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Num.	5734927	66735	74.2	9.809	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	4761521	65411	72.7	2.893	900			87.4	50.6	.1		900									
Wet Bulb	4073880	60446	67.2	3.973	900			55.1	4.9			900									
Dew Point	3697207	57469	63.9	5.536	900			34.3	1.0			900									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17890 HOMESTEAD AFB FL 69-70,73-8 APR  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 ALL  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb
87/89							.1	.1	.0	.0	.0							12	12	
87/87						.2	.3	.1	.1	.0								51	51	
87/85					.1	.6	.2	.3	.1	.1								96	96	
87/83				.1	.6	1.0	.7	.3	.2	.0								112	212	
87/81			.0	.7	2.1	2.5	.9	.4	.2	.1	.0	.0						500	500	
87/79		.0	.2	1.5	3.2	3.2	1.1	.5	.2	.1								708	708	
87/77		.2	1.1	2.5	4.8	2.3	1.9	.8	.2	.0								998	998	52 3
87/75		.6	3.4	5.6	3.1	1.9	1.3	.6	.1	.0								1194	1195	234 30
87/73		1.7	3.9	5.2	2.2	1.5	.8	.3	.2	.0	.1							1129	1135	657 178
87/71	.1	1.9	3.6	3.8	2.6	1.1	.4	.1	.2	.0								967	968	1219 531
87/69	.2	1.2	2.5	1.7	1.7	.9	.2	.3	.0	.0								589	591	1473 899
87/67	.1	.5	1.2	1.3	.9	.5	.1	.1	.0	.2								308	308	1086 1136
87/65		.5	.6	1.0	.4	.1	.0	.0	.0									185	185	921 1052
87/63		.3	.3	.6	.2	.2	.0	.0	.0									110	110	636 849
87/61	.2	.2	.2	.2	.2	.0	.1	.3	.0									60	60	444 568
87/59	.0	.0	.1	.2	.2	.2	.3	.0										33	33	227 528
87/57		.0	.0	.1	.1	.0	.1	.0										15	15	104 429
87/55			.3	.1	.1	.0	.0											10	10	49 366
87/53			.1	.2														9	9	32 176
87/51		.2	.2															3	3	15 119
87/49																				20 63
87/47																				6 51
87/45																				9
87/43																				1
87/41																				8
87/39																				2
87/37																				9
87/35																				7
87/33																				5
87/31																				1
TOTAL	.3	7.0	17.3	24.6	21.9	15.7	7.9	3.6	1.1	.4	.1	.0						7189	7199	7189
Element (X)	Σ X'	Σ X	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	362980.4	503100	70.0	12.315	7189	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	40320278	537490	74.7	5.141	7199			677.5	490.8	124.1		720								
Wet Bulb	33237176	487704	67.8	4.586	7189			473.1	94.7			720								
Dew Point	29576367	459137	63.9	5.931	7189			.1	279.3	17.3		720								

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1728 HOMESTEAD AFB FL 69-70, 73-81 MAY  
 STATION STATION NAME YEARS 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		
91/ 91			.1	.8														3	3				
77/ 72		1.2	4.3	4.6	1.3													176	106	0			
77/ 77		1.4	5.7	7.8	1.3													162	162	1	1		
78/ 78		3.9	10.3	8.3	3.7	.1												238	238	77	34		
74/ 73	.1	4.6	9.8	5.1	2.7	.9												202	202	176	71		
71/ 71		4.0	5.8	1.9	1.4	.5												127	127	246	178		
69/ 69		1.2	2.4	1.3	.9													53	53	182	227		
67/ 67		.4	1.3	1.3	.2													24	24	114	169		
65/ 65		.2	.5															7	7	3	87		
63/ 63		.1	.1															2	2	39	68		
61/ 61		.1																1	1	23	47		
59/ 59																				1	34		
57/ 57																					17		
55/ 55																					7		
TOTAL	.1	17.1	39.2	31.9	10.1	1.5												930	930	930	930		

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6090868	74212	81.6	7.810	930			92.0	71.6	6.2		93
Wet Bulb	5203722	69504	74.7	3.165	930			81.3	27.1			93
Dew Point	4637947	65598	70.5	3.434	930			68.5	11.5			93

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1979 HOMESTEAD AFB FL 69-70, 73-87 MAY  
 STATION STATION NAME YEARS MONTH

PAGE 1 130-0500  
 HOURS (L. S. Y.)

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																	
4/ 83					.1																												1	1				
6/ 81		.1	.1	.2																													4	4				
8/ 79		1.7	2.4	3.2	.1																												62	62				
73/ 77		2.6	4.9	6.9	.5																												139	139	14	2		
76/ 75		3.0	5.8	5.6	1.7																												196	196	61	36		
74/ 73		7.1	9.1	5.9	1.9	.2																											226	226	14	53		
72/ 71	.2	5.2	7.4	1.9	1.3	.3																											152	152	258	154		
70/ 69		2.4	4.5	1.0	.1	.1																											79	76	163	231		
67/ 67		1.7	1.6	.3	.1	.1																											33	33	143	166		
66/ 65		1.3	1.1	.8	.1																												30	30	64	113		
64/ 63		.5	.6																														11	11	41	66		
63/ 61		.4	.2																														6	6	26	37		
61/ 59																																				16	35	
57/ 57																																			2	17		
56/ 55																																					11	
52/ 51																																				2		
TOTAL		.224	.542	.326	.2	6.0	.8																											930	930	930	930	
Element (X)	Σ X'	Σ X	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.	6347471	76565	82.3	7.618	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	5061921	68529	73.7	3.627	930			88.3	62.8	3.3		83																										
Wet Bulb	4561394	65040	69.9	3.710	930			78.1	21.7			93																										
Dew Point	4309389	63181	67.9	4.289	930			64.8	9.7			93																										

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

GIGAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1-22 STATION HOMESTEAD AFB FL 69-70, 73-5 YEARS MAY  
STATION NAME MONTH

PAGE 1 1010-930  
TOTAL HOURS (L. S. Y.)

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
47-83			.2	.4	.4													10	10		
50-82		.1	1.4	3.0	1.6	.1												58	58		
57-79		1.1	3.5	6.9	2.5	.4	.1											135	135		
70-77		2.0	6.6	7.3	2.7	.5	.1											179	179	76	17
76-75		3.3	7.7	7.2	2.8	.5	.1											192	192	100	44
74-73		3.2	6.6	4.2	1.8	1.0												148	148	200	84
73-71		2.8	6.3	1.8	.7	.3												107	107	204	17
70-67		2.3	2.3	.6		.1												49	49	167	21
67-67	.2	.3	.9	.4	.1													18	18	100	100
67-65		.6	1.0	.6	.1													22	22	92	102
64-63	.2	.1	.4		.2													9	9	71	60
62-62		.2	.1															3	3	19	52
60-60																				13	3
57-57																				3	14
50-55																					
47-52																					
27-51																					
TOTAL		.4	15.1	35.7	32.6	11.9	3.0	.4										930	930	930	53
Element (X)	Σ X <sup>2</sup>		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	5364050		74.48		72.7	8.167	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	5298279		70031		75.3	3.991	930			30.6	72.2	13.1		117							
Wet Bulb	40817.4		65892		71.8	3.803	930			31.7	34.0	.2		67							
Dew Point	4386300		63744		68.5	4.360	930			69.5	14.2			53							

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

GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 826 HOMESTEAD AFB FL  
 STATION STATION NAME

62-70, 73-8  
 YEARS

MAY  
 MONTH

PAGE 1 1950-11-0  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
67-89					.1	.2			.1									4	4																
67-87				.1	.3	.6	.1	.1										12	12																
67-85			.1	.5	3.1	3.9	.9	.6										35	35																
67-83			.2	3.8	10.1	4.8	1.4	.2	.1									122	122																
67-81	.1	.3	5.4	11.8	5.3	1.3	.1	.1										232	233																
67-79	.2	1.3	5.9	7.8	5.7	1.9	.5											210	210																
67-77	.1	.5	3.1	4.8	2.5	1.6	.2											115	115	95	12														
67-75	.3	1.4	.9	.5	.9	.5	.2											44	44	204	62														
67-73	.3	1.4	.2	.2	.1	.2												23	23	201	108														
67-71	.2	.3	.1	.1	.1	.1												3	3	149	78														
67-69	.2					.1												3	3	123	128														
67-67	.1																	1	1	1	115														
67-65																				26	79														
67-63																				7	49														
67-61																				3	29														
67-59																				1	25														
67-57																					14														
67-55																					2														
67-53																					4														
67-51																					1														
TOTAL		1.6	6.6	20.0	37.7	24.1	8.6	2.0	.3									929	937	929	929														
Element (X)	Σ X'	Σ X	$\bar{X}$	$\sigma_n$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4400717	63439	62.3	8.630	929	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F																								
Dry Bulb	6088201	75189	81.9	3.163	929			93.0	91.8	65.9		70																							
Wet Bulb	4973736	67906	73.1	3.298	929			89.1	58.7	.7		93																							
Dew Point	4479170	64378	69.3	4.391	929			72.6	20.4	.3		93																							

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFB WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1980 STATION HOMESTEAD AFB FL 69-70, 73-87 YEARS MAY MONTH  
 PAGE 1 10-14 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															
47 91							.1	.1										2	2																	
47 85				.1		.3	.4	.5										16	16																	
47 67				.2	.3	2.6	1.5	.3	.2									50	56																	
47 65				.5	.5	9.2	4.0	1.0	.3	.6								142	162																	
47 63			.1	2.7	7.7	8.7	2.5	.0	.3	.2								212	217																	
47 61		.1	.4	3.1	9.9	5.6	1.2	1.0	.3	.1								222	232																	
47 59		.6	3.6	3.9	5.4	2.7	.8	.1										158	158	25	1															
47 57		.1	1.1	1.7	1.5	.6	1.1	.1										52	52	102																
47 55		.1	1.1	.3														14	27	27	23															
47 53		.1	.6	.2														9	9	259	133															
47 51		.5	1.1															15	15	110	220															
47 49																				15	15															
47 47																					43	102														
47 45																					14	76														
47 43																					2	44														
47 41																						23														
47 39																						16														
47 37																						1														
47 35																						5														
47 33																						1														
TOTAL		1.7	5.1	12.9	29.7	32.4	12.2	4.7	2.2	1.2								928	937	928	928															
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	4,76598	6,1878	65.6	9,458	928	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																									
Dry Bulb	6311424	76550	82.3	3,354	930			93.0	91.5	77.6		97																								
Wet Bulb	5,41373	68343	73.6	3,555	928			71.4	64.0	.5		97																								
Dew Point	4493793	64457	69.5	4,257	928			73.8	21.2	.3		97																								

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION: HOMESTEAD AFB FL YEARS: 69-70, 73-81 MONTH: MAY

PAGE: 1 1980-1981  
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
4/ 93								.1	.1								2	7		
4/ 91									.1	.1							2	2		
4/ 89								.3	.4								7	7		
4/ 87			.2		.4	1.2	1.2	.3	.4	.2							42	42		
4/ 85			.1	.4	3.2	3.0	3.7	.6	.5	.3	.1						153	157		
4/ 83			.2	1.3	7.6	7.6	1.8	.4	.1	.1							186	186		
4/ 81			.3	4.6	3.7	5.5	1.2	1.2		.1							199	199		
4/ 79		.1	.3	4.9	5.6	5.5	2.5	1.7									193	193	17	
4/ 77		.2	1.9	3.3	3.8	2.7	1.5										118	118	70	
4/ 75		.5	2.5	1.4	.2	.2	.1										46	46	195	
4/ 73	.1	.4	.8	.8													19	19	252	
4/ 71		.3	.6														13	13	150	
4/ 69		.1	.2														3	3	119	
4/ 67																			50	
4/ 65																			16	
4/ 63																				
4/ 61																				
4/ 59																				
4/ 57																				
4/ 55																				
4/ 53																				
4/ 51																				
TOTAL	.1	2.2	7.6	17.6	29.9	25.1	10.5	4.3	1.7	.8	.2							930	437	93
Element (X)	Σ X <sup>2</sup>		Σ X		X̄	S <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total							
Rel. Hum.	4314341		62629		67.3	17.167	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93						
Dry Bulb	6138125		75483		81.2	3.531	930			93.0	91.4	65.7	.2	93						
Wet Bulb	4970324		67932		73.0	2.975	930			91.4	57.7	1.1		93						
Dew Point	4453235		64241		69.1	4.111	930			71.9	17.7	.3		93						

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

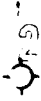
GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFN WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12 026 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-87 YEARS MAY MONTH  
 PAGE 1 15 0-2000 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
7 / 85							.1										1	1		
5 / 85				.1	.2	.5	.3	.3									14	14		
4 / 83				.5	1.4	1.3	.3	.4									42	42		
7 / 81		.1	1.5	4.2	6.5	1.5	.6	.1	.1								134	134	1	
7 / 79		.4	2.7	17.2	7.4	1.7	.5	.1									215	215	0	
7 / 77		.9	6.3	8.4	7.1	2.3	.5	.1									239	239	34	
6 / 75	.1	.9	4.9	6.5	4.7	1.9	.3										179	179	172	36
7 / 73		.9	2.2	1.9	1.8	1.7											72	72	261	95
7 / 71		1.3	.9	.4	.5												29	29	124	71
7 / 69		.2		.1													3	3	167	196
7 / 67	.2																2	2	71	164
6 / 65																			34	61
4 / 63																			12	51
7 / 61																				51
7 / 59																				18
7 / 57																				12
6 / 55																				5
TOTAL	.3	4.6	13.7	32.2	29.7	10.1	2.8	1.5	.1									930		930
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	5112069	68417	73.6	9.213	93	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total								
Dry Bulb	5675441	72597	78.1	3.12	930			93.0	89.6	30.8		93								
Wet Bulb	4818397	66883	71.9	3.00	930			57.9	44.4	.4		93								
Dew Point	4417101	63985	68.8	4.00	930			71.2	14.0	.1		93								

USAFETAC FORM 0-26-5 (OL A) 15 JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17220 HOMESTEAD AFB FL 69-70, 73-87 MAY  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 21 6-2300  
 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
31			.4	1.4	.1													18	18		
79		1.2	4.8	7.3	3.2													154	154	2	
77		1.3	9.1	8.8	3.5	.2	.1											219	219	17	7
75	.1	2.3	10.9	9.5	4.7	.9												262	262	8	39
73		2.6	6.6	5.4	2.7	1.2	.1											172	172	242	84
71		2.6	2.3	1.2	2.2	.2												78	78	234	207
69		.8	.5	.9	.3													23	23	175	215
67			.3	.1														4	4	95	153
65																				50	53
63																				24	52
61																				3	39
59																					27
57																					14
55																					2
TOTAL	.1	11.2	34.7	34.5	16.4	2.5	.2											930	930	930	930
Element (X)	Σ X'		Σ X		X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	5797887		73047		78.5	8.63	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total							
Dry Bulb	5364416		70588		75.9	2.688	930			93.0	82.5	8.9		93							
Wet Bulb	4719438		66186		71.2	3.130	930			84.5	35.1			93							
Dew Point	4406135		63905		68.7	4.005	930			70.5	13.0			93							

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1976 HOMESTEAD AFB FL 69-70, 73-81  
 STATION STATION NAME YEARS MONTH MAY  
 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					
4/ 93																						2	7		
5/ 91																						4	4		
6/ 89																						28	28		
7/ 87																						110	110		
8/ 85																						381	731		
9/ 83																						643	643	4	
10/ 81																						855	856	8	4
11/ 79																						1233	1233	28	16
12/ 77																						1229	1229	476	77
1/ 75																						1175	1177	1088	357
2/ 73																						671	671	1841	774
3/ 71																						529	529	1568	1543
4/ 69																						284	284	1183	1685
5/ 67																						52	52	669	1177
6/ 65																						59	59	379	705
7/ 63																						22	22	152	438
8/ 61																						10	10	77	289
9/ 59																								3	226
10/ 57																								5	124
11/ 55																									41
12/ 53																									11
1/ 51																									3
TOTAL	.2	9.7	23.7	26.0	21.3	12.4	4.3	1.6	.5	.2	.0											7437	7440	7437	7457
Element (X)	Z <sub>x</sub> '	Z <sub>x</sub>	X	σ <sub>x</sub>	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Rel. Hum.	421.3701	553915	74.510.676	7437																					
Dry Bulb	45131529	578471	77.8 4.558	7440				734.9	653.4	270.8	.2	744													
Wet Bulb	38404706	533778	71.8 3.550	7437				685.4	343.5	3.2		744													
Dew Point	35305435	511449	68.8 4.223	7437				561.7	121.7	1.0		744													

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAG

# PSYCHROMETRIC SUMMARY

10-70 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS JUN MONTH  
 PAGE 1 0000-1200 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
4/ 43			.3	.4	.1													8	8		
5/ 41		.1	3.1	5.3	1.1	.1												89	88		
6/ 70		.6	15.6	11.3	2.1	.2												268	268	9	
7/ 77		3.3	15.3	3.6	1.7	.1												252	252	47	11
8/ 75		3.9	10.2	3.2	.3													163	163	298	101
9/ 73		3.9	5.3	1.0														96	96	287	271
10/ 71		.8	1.6															21	21	168	252
11/ 69	.1	.1																2	2	74	168
12/ 67		.2																2	2	17	73
1/ 65																					2
2/ 63																					3
3/ 61																					1
TOTAL	.1	12.9	51.6	29.9	5.1	.4												900	900	900	900

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	6104388	73934	82.1	5.852	900							
Dry Bulb	5423936	69839	77.6	2.556	900			90.0	87.5	22.6		90
Wet Bulb	4878873	66235	73.6	2.198	900			90.0	64.1			90
Dew Point	4639328	64578	71.8	2.505	900			87.6	38.3			90

5-72 USAFETAC FORM 0-26-5 (OLA) REVISED BY THE DIRECTOR OF THIS BODY, 18 OCTOBER 1961

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17800 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS MONTH 300  
 PAGE 1 7300-0500 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
81		.1	2.1	1.8	.7													42	42		
79		1.1	2.4	7.4	1.1	.2												123	133	1	
77		4.1	2.8	5.4	.4													276	276	34	10
75		6.2	3.2	3.3	.1	.2												228	208	244	61
73		4.2	9.6	.9	.2													133	133	307	266
71		2.4	2.3	.1														44	44	208	260
69		.9	.4															12	12	75	199
67		.2																2	2	26	70
65																				5	11
63																					2
61																					1
59																					1
TOTAL		19.2	53.9	18.9	2.5	.4												900	900	900	900

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_n$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	6351083	75439	83.8	5.551	900							
Dry Bulb	5295497	68997	76.7	2.574	900			90.0	84.2	11.3		90
Wet Bulb	4619398	65828	73.1	2.260	900			89.5	58.6			90
Dew Point	4600153	64305	71.5	2.487	900			87.2	33.9			90

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAO

# PSYCHROMETRIC SUMMARY

10326 HOMESTEAD AFB FL 69-70, 73-97 YEARS JUN  
 STATION STATION NAME 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
6/ 35			.1	.9	.9	.1												18	15		
4/ 83			.4	3.9	2.4	.3												54	64		
7/ 81		.1	3.4	3.7	4.3	.4												147	147	1	
7/ 79		.9	10.3	11.4	2.2	.1												225	225	17	7
7/ 77		3.0	12.7	4.8	1.2													195	195	180	29
6/ 75		4.2	9.3	2.8														147	147	269	113
4/ 73		2.6	5.2	.6														75	75	296	248
7/ 71		1.2	1.4	.1														25	25	149	281
7/ 69		.2	.1															3	3	59	184
6/ 67		.1																1	1	7	62
6/ 65																				1	12
4/ 63																					2
TOTAL		12.3	43.1	32.4	11.1	1.0												900	900	900	900

Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	X̄	s <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5922158	72767	80.8	6.663	900							
Dry Bulb	5538431	70545	78.4	3.143	900			90.0	87.1	34.1		90
Wet Bulb	4934387	66607	74.0	2.347	900			89.9	68.2	.6		90
Dew Point	4674094	64820	72.0	2.499	900			88.5	38.8			90

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17-26 HOMESTEAD AFB FL 69-70, 73-80 JUN 1970-1970  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 1970-1970  
 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																
91							.1																										1	1		
89					.4	1.2	.1	.4																									20	20		
87				.1	1.7	5.6	1.1																										76	76		
85			.1	1.6	11.6	10.2	2.0	.7																									235	225		
83			.3	6.9	14.4	6.9	.8	.2																									266	266	1	
81			1.7	6.7	8.7	1.6	.7																										173	173	8	
79		.2	1.8	3.0	1.6	.7																											65	65	72	
77		.3	1.2	1.3																													24	24	263	
75		.7	1.0	.4																													19	19	313	
73		.9	.6	.1																													14	14	173	
71		.3	.4																														7	7	44	
69																																		16	127	
67																																	3	35		
65																																			10	
63																																			11	
61																																			2	
TOTAL		2.4	6.7	20.1	39.3	26.1	4.7	1.4																									900	900	900	

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

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Num.	4478814	63126	70.1	7.543	900							
Dry Bulb	6246192	74924	83.2	3.138	900			90.0	89.3	81.4		90
Wet Bulb	516722	68164	75.7	2.226	900			90.0	83.5	2.5		90
Dew Point	4730449	65205	72.5	2.657	900			87.7	46.0	.1		90

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1982 HOMESTEAD AFB FL 69-70, 73-81 YEARS JUN MONTH

PAGE 1 12 0-14 00 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
91						.1	.6	.2	.2									10	10	
89					.4	2.2	2.0	.7	.3	.2								56	56	
87				.1	3.2	8.8	4.3	.3	.3	.1	.1							156	156	
85			.1	1.2	10.4	14.7	2.6	.4										266	266	
83			.2	3.2	11.7	4.9	.3	.3										190	190	
81			1.3	4.1	4.3	.6	.1											94	94	18
79		.2	.8	2.3	1.7	.6												44	44	101
77		.2	1.9	1.2	.6	.1												34	34	224
75		1.0	1.9	.2														28	28	298
73		.7	.8	.1														14	14	143
71		.3	.6															8	8	47
69																			17	114
67																			4	34
65																				15
63																				8
61																				2
59																				2
TOTAL		2.4	7.6	12.1	32.3	31.9	10.3	2.0	.9	.3	.1							900	900	900
Element (X)	Σx'	Σx	X	σ <sub>x</sub>	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Rel. Num.	42761.86	51566	68.4	8.476	900															
Dry Bulb	6383389	75723	84.1	3.700	900			90.0	89.2	80.6		90								
Wet Bulb	5204648	68408	76.0	2.366	900			90.0	83.2	4.8		90								
Dew Point	4738154	65254	72.5	2.780	900			87.3	46.4	.1		90								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1926 HOMESTEAD AFB FL 69-70, 73-87 YEARS JUN MONTH  
 PAGE 1 15 C-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
61								.2	.1									5	5		
62					.1	1.7	1.3	.1	.1									28	28		
63				.1	1.7	5.4	2.1	.7	.2	.1								104	104		
64			.1	.9	3.7	9.3	2.1	.2	.1									193	193		
65			1.7	5.3	12.7	5.8	1.1	.1										271	231		
66			1.7	4.7	6.1	1.7	.2											123	123		
67			3.7	4.7	2.3	.3	.3											86	86	73	7
68	.6	4.2	2.6	.4														72	72	245	29
69	.9	1.7	.8	.3														33	33	267	154
70	.6	1.3	.4															21	21	213	234
71	.2	.2																4	4	64	262
72																				24	139
73																					51
74																					15
75																					5
76																					2
77																					2
78																					2
79																					2
80																					2
TOTAL		2.2	12.9	18.7	32.6	24.6	7.1	1.1	.6	.2	.1							90	90	900	900

Element (X)	$\sum X'$	$\sum X$	$\bar{X}$	$\sigma_X$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4536131	63425	7.5	8.599	900							90
Dry Bulb	6199485	74621	82.9	3.728	900			90.0	89.6	74.0		90
Wet Bulb	5129181	67909	75.5	2.392	900			90.0	80.7	2.6		90
Dew Point	4770186	64992	72.2	2.770	900			87.6	42.4	.2		90

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1982 HOMESTEAD AFB FL 69-70, 73-81 STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80						.2	.3											5	5		
87					.3	.7	.1											17	17		
85			.1	.8	2.9	2.0	.1	.2										65	55		
83			.3	5.7	8.1	1.8	.4	.1										151	151		
81			2.6	12.4	12.1	1.6	.3											260	260	1	
79		.6	7.1	11.3	4.9	.7												221	221	28	1
77	1.1	2.4	4.1	2.1	.2	.1												90	90	154	25
75	1.4	4.4	1.8	.2														71	71	274	13
73	.9	2.0	.4															30	30	284	236
71	.3	.2																5	5	133	246
69	.2																	2	2	41	178
67																				3	52
65																					27
63																					6
61																					7
TOTAL		4.6	19.7	36.6	30.3	7.1	1.4	.3										900	900	900	900
Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5153721	67773	75.3	7.472	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5838425	72435	80.8	3.296	900			90.0	89.3	61.5		90									
Wet Bulb	5007412	67100	74.6	2.295	900			90.0	75.1	.5		90									
Dew Point	4659704	64714	71.9	2.685	900			86.8	39.2			90									

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



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# PSYCHROMETRIC SUMMARY

10000 HOMESTEAD AFB FL 69-70, 73-87 STATION NAME STATION YEARS MONTH  
 PAGE 1 2100-2700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
67-85				.1		.1												2	2																
47-83			.7	2.3	.6													35	35																
77-79			4.7	10.8	2.8	.6												169	169																
77-79		1.3	11.2	16.4	4.1	.2												320	320	10															
77-77		2.4	9.8	3.3	2.0	.3												206	206	97	17														
77-74		2.0	7.2	2.3	.3													112	112	209	112														
74-73		2.4	3.2	.9														59	59	373	258														
77-71		1.2	.3															14	14	144	246														
77-69		.2																2	2	13	177														
77-67		.1																1	1	0	62														
76-65																					27														
74-63																					7														
T T L		9.8	37.1	41.2	10.7	1.2												900	900	900	900														
Element (X)	Σ X'	Σ X	X	X	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	5777636	71882	79.9	6.372	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	5569267	70701	78.6	2.633	900			90.0	86.3	37.4		90																							
Wet Bulb	4925436	66553	73.9	2.221	900			90.0	68.7	.4		90																							
Dew Point	4651525	64661	71.8	2.562	900			37.4	38.9			90																							

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



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# PSYCHROMETRIC SUMMARY

1968 HOMESTEAD AFB FL 69-73, 73-81 JUL MONTH  
 STATION STATION NAME YEARS  
 PAGE 1 6806-026 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
6/ 85			.7															2	2		
4/ 83		.2	1.4	1.9	1.5	.7												49	49		
1/ 81		.6	4.8	8.9	5.6	.7												189	139		
1/ 79		1.4	10.8	11.9	5.7	.5	.1											283	243	1	17
7/ 77		7.3	12.8	6.7	.4													253	253	56	38
6/ 75		4.5	4.4	1.4														96	96	303	161
4/ 73	.1	2.3	1.6	.9														45	45	311	209
7/ 71	.2	.5	.4	.2														13	13	119	243
7/ 69																				26	102
3/ 67																					11
6/ 65																				1	14
4/ 63																					
1/ 61																					1
TOTAL		.316	.936	5.31	8.13	.2	1.2	.1										930	930	930	930

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

Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	6161935	75393	81.1	7.336	93			93.0	91.7	40.1		93
Dry Bulb	5774433	73277	78.8	2.489	93			97.9	78.6	1.0		93
Wet Bulb	5158327	69234	74.4	2.122	93			91.3	47.7	.7		93
Dew Point	4893189	67415	72.5	2.617	93							93

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17000 HOMESTEAD AFB FL STATION NAME

07-70, 73-d YEARS

JUL 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														
4/ 53		.1	.3	.9	.1	.1												14	14																
7/ 31		.8	2.9	4.1	3.5	.2	.1											58	58																
7/ 79		1.9	13.0	11.3	4.0	.3											284	284	11	17															
7/ 77		6.7	14.8	9.5	.9												290	290	42	27															
7/ 75		8.2	7.6	1.6													152	152	20	124															
4/ 73		2.5	3.0	.1													52	52	34	268															
7/ 71	.4	1.4	1.1	.2													29	29	16	262															
7/ 69			.1														1	1	41	107															
7/ 67																				48															
7/ 65																				5															
7/ 63																				2															
T 71	.4	20.9	42.9	27.6	7.4	.6	.1										930	930		90															
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Num.	6474881	76705	82.7	6.986	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	5639417	72384	77.8	2.455	930			97.0	90.0	22.7		93																							
Wet Bulb	5092325	68789	74.0	2.129	930			92.8	72.1	1.0		93																							
Dew Point	4848498	67108	72.2	2.550	930			41.6	42.5	.3		93																							

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1006 HOMESTEAD AFB FL 69-70, 73-81 JUL 1969-1980  
 STATION STATION NAME YEARS MONTH

PAGE 1 16-0230  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67 35			.3	1.2	2.7	.9												43	43		
67 43		.1	1.5	5.7	4.7	1.8	.1											130	130	1	
67 81		.8	5.4	8.4	4.8	.5	.1											156	186	4	1
67 79		2.4	9.8	9.7	2.9	.2												232	232	45	17
71 77		3.9	8.8	6.8	.4													145	165	169	47
71 75		2.7	5.6	2.6														101	101	203	105
74 73	.2	1.3	1.6	.3														32	32	269	236
77 71	.1	1.1	.5	.2														18	18	114	231
77 69	.1	.1																2	2	27	107
77 67	.1																	1	1	7	44
76 65																				1	5
77 63																					1
77 61																					1
TOTAL	.1	12.3	33.5	34.8	15.2	3.4	.1	.1										930	930	930	930
Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	5950983	74041	72.6	7.784	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5891422	73964	79.5	3.108	930			93.0	90.9	48.0		93									
Wet Bulb	5204278	69534	74.8	2.406	930			92.9	78.1	2.0		93									
Dew Point	4916728	67572	72.7	2.760	930			92.1	48.6	.6		93									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1026 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-8 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
91					.1	.3	.5	.1										10	10		
89					1.0	1.5	.9	.9	.1									39	39		
87				.2	4.6	8.8	4.1	.1	.2									168	169		
85		.1	.1	3.9	15.7	15.0	3.8	.2										360	360		
83		.1	1.7	5.0	9.2	4.6	.2											193	193	3	
81		.3	1.3	2.7	3.4	.4												76	76	27	2
79		.1	1.9	2.0	1.2													49	49	158	19
77		.6	.2	1.2	.2													19	20	331	56
75		.3	.2	.2														7	7	276	219
73	.1	.4	.1	.1														7	7	106	241
71																				20	215
69																					123
67																					1
65																					4
63																					1
TOTAL	.1	2.0	5.6	15.1	35.5	30.7	9.4	1.3	.3									928	928		928

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4465275	63969	68.9	7.755	928			93.0	93.0	87.6		93
Dry Bulb	6673610	78694	84.7	2.857	928			93.0	90.3	7.6		93
Wet Bulb	5466858	71200	76.7	2.103	928			92.5	56.7	.9		93
Dew Point	4997612	68056	73.3	2.677	928							

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

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

12826 HOMESTEAD AFB FL 69-70, 73-87 JUL  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 1276-1400  
 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									.7									3	3		
94/ 93							.4	.2		.4								12	12		
91/ 91					.2	1.0	.5	.2		.6	.3							27	27		
89/ 89					1.7	3.4	3.4	1.2	.2									99	99		
87/ 87				.4	5.4	13.9	9.8	.5										326	326		
86/ 85			.2	1.6	3.3	12.0	7.2	.2										238	238		
84/ 83			.5	2.5	3.9	1.3	.8											83	83	6	
81/ 81		.1	1.5	3.2	1.7	.4	.2											65	65	47	1
79/ 79		.4	1.6	.8	.5													32	32	170	19
77/ 77		.6	1.0	.8														72	22	363	52
75/ 75		1.1	.3	.9														51	21	245	226
74/ 73		.2	.2															4	4	71	254
71/ 71																				73	196
69/ 69																				5	100
67/ 67																					36
66/ 65																					3
64/ 63																					2
TOTAL		2.5	5.4	9.9	21.8	37.1	19.4	3.0	1.2	.8									930	930	930
																		930		930	

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

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Num.	4228020	62166	66.8	8.836	930			93.0	93.0	86.5	1.3	93
Dry Bulb	6859224	79804	85.8	3.469	930			93.0	90.2	10.8		93
Wet Bulb	5526255	71661	77.1	2.183	930			92.5	59.3	.7		93
Dew Point	5017599	68263	73.4	2.749	930							93

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10026 HOMESTEAD AFB FL 69-70, 73-81 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
84/ 93						.1	.1		.1									3	3		
82/ 91					.1	1.0	.3	.2	.3									21	21		
80/ 89					.2	1.8	2.2	1.3										52	53		
78/ 87				.1	5.1	10.9	6.8	.3										215	215		
76/ 85			.1	2.7	11.7	15.5	7.6	.1										313	313		
74/ 83			1.1	4.7	4.3	3.4	.9											139	139	4	
72/ 81			.8	3.2	2.3	.6												64	64	26	1
70/ 79		.3	1.7	2.2	1.3	.1												52	52	145	14
72/ 77		.3	1.3	1.1	.2													24	24	323	94
78/ 75		.6	1.4	.3		.1												23	23	266	186
74/ 73		.2	1.1	.4														16	16	118	253
78/ 71	.1	.4	.1															6	6	35	204
72/ 69		.1																1	1	14	134
68/ 67																				6	39
66/ 65																					9
64/ 63																					2
62/ 61																					1
TOTAL	.1	2.0	7.2	14.7	25.8	33.6	13.8	1.9	.3	.4								929	930	929	929
Element (X)	Σ x'		Σ x		X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Num.	4410158		63523		68.4	8.499	929	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	93							
Dry Bulb	6679240		78736		84.7	3.750	930			93.0	92.3	83.8	.3	93							
Wet Bulb	5437079		71035		76.5	2.426	929			93.0	87.5	7.8		93							
Dew Point	4956664		67808		73.1	2.812	929			91.8	54.1	.4		93							

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PERVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

10326 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-00 YEARS JUL MONTH

PAGE 1 1000-2000 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
91							.1	.1										2	2		
89						.2	.2	.3	.1	.2								10	10		
87				.3	.5	1.6	.3	.2										29	29		
85			.4	2.3	5.5	4.9	1.1	.1										133	133		
83		.1	1.6	8.4	11.8	5.6	.4											250	267		
81		.5	5.4	8.8	9.5	2.7	.5											249	249	16	
79		.5	4.2	4.6	2.6	.5												116	116	66	18
77		.5	3.2	2.2	.5													60	60	236	56
75	.1	1.2	2.0	1.4	.1													45	45	372	171
73	.1	1.1	.9	.2														21	21	222	236
71		.2	.2															4	4	60	251
69		.1																1	1	18	135
67																				2	49
65																					11
63																					3
TOTAL	.2	4.3	18.0	28.2	30.9	14.9	2.8	.5	.2									930	930	930	930
Element (X)	Z <sub>x</sub>	Z <sub>x</sub>	I	σ <sub>x</sub>	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Rel. Hum.	5133977	68661	73.8	8.352	930																
Dry Bulb	6249315	76177	81.9	3.215	930			93.0	92.5	75.0		93									
Wet Bulb	53033.5	70195	75.5	2.341	930			93.0	34.2	3.2		93									
Dew Point	4917035	67573	72.7	2.791	930			91.6	48.1	.5		93									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1989 HOMESTEAD AFB FL 69-70, 73-80 JUL  
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																			
67/87							.2																										2	2					
66/85			.5	.6	.3	.3																												17	17				
64/83		.2	.8	3.8	2.0	.4	.1																											68	68				
62/81		.6	7.2	12.9	11.0	1.0	.2																											306	316	8	1		
61/79		2.4	9.2	11.7	5.2	.5																												270	277	29	11		
70/77		3.5	7.8	4.9	.9																													160	160	155	51		
67/75		3.4	4.3	1.1																														82	82	375	184		
74/73	.1	.3	1.0	.4																														17	17	327	230		
72/71		.5	.3																															8	8	84	259		
71/69																																						21	146
67/67																																					2	37	
66/65																																							11
TOTAL	.1	11.1	31.2	35.5	19.4	2.5	.3																												930	930	930		
Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																																	
Rel. Hum.	5859954	73490	79.0	7.529	930	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																											
Dry Bulb	5917159	74145	79.7	2.518	930			93.0	92.2	55.0		93																											
Wet Bulb	5208468	69570	74.8	2.122	930			93.0	82.3	1.3		93																											
Dew Point	4912996	67550	72.6	2.654	930			91.9	47.7	.7		93																											

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

10826 HOMESTEAD AFB FL 69-70, 73-80 JUL  
STATION STATION NAME YEARS MONTH  
PAGE 1 ALL  
HOURS (L. S., T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
96/ 95																		3	3	
94/ 93						.0	.1	.2										13	13	
92/ 91					.1	.3	.2	.1	.1	.1								60	60	
90/ 89					.4	.9	.8	.5	.1									200	201	
88/ 87				.1	2.0	5.1	2.6	.1	.0									740	740	
86/ 85		.0	.2	1.5	5.5	6.1	1.2	.1										1106	1106	
84/ 83		.1	1.1	4.1	4.8	2.2	.3											936	936	14
82/ 81		.5	3.7	6.5	5.1	.7	.1	.1										1233	1233	135
80/ 79		1.2	6.5	6.8	2.9	.3	.0											1318	1318	644
78/ 77		2.9	6.2	4.1	.4													1013	1014	1755
76/ 75	.0	2.8	3.2	1.2	.1	.0												537	537	2320
74/ 73	.1	1.0	1.2	.3														104	194	1762
72/ 71	.1	.5	.3	.1														78	78	610
70/ 69	.2	.0	.0															5	5	153
68/ 67	.0																	1	1	32
66/ 65																				4
64/ 63																				17
62/ 61																				3
TOTAL	.2	9.0	22.5	24.7	21.1	15.5	5.6	.9	.3	.1								7437	7439	7437
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	42615213	558145	75.7	9.885	7437	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	49688613	677181	81.6	4.176	7439			744.0	735.6	498.7	1.6	744								
Wet Bulb	42396868	561218	75.5	2.479	7437			743.6	663.3	34.7		744								
Dew Point	39461319	541345	72.8	2.729	7437			735.3	404.7	4.8		744								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1986 HOMESTEAD AFB FL 69-70, 73-80 YEARS AUG MONTH  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 2098-0200 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															
6/ 85				.2	.5													7	7																	
4/ 83			.2	5.6	2.3	.4												79	79																	
7/ 81		.4	6.4	9.3	3.8													184	184																	
7/ 79	.1	3.8	12.8	13.8	3.1													284	284	17	4															
7/ 77		5.2	11.4	7.3	.4													223	223	193	42															
7/ 75		7.2	3.4	2.5	.1													123	124	325	22															
7/ 73		1.9	.2	.3														23	23	286	291															
7/ 71	.1	.3																4	4	84	199															
7/ 69		.2																2	2	10	131															
8/ 67																				1	34															
8/ 65																					2															
TOTAL	.2	19.1	34.4	35.6	10.2	.4												929	930		929															

Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5824330	73560	79.1	2.535	929			93.0	92.4	41.9		93
Wet Bulb	5210886	69552	74.9	1.995	929			93.0	82.5	.3		93
Dew Point	4955276	67812	73.0	2.404	929			92.8	56.4	.1		93

USAFETAC FORM 84 0-26-5 (D.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFS WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-26 STATION HOMESTEAD AFB FL 69-70, 73-81 YEARS AUG MONTH

PAGE 1 1300-0500 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
67 85				.2	.1													3	3		
47 83				2.6	1.7													42	42		
77 81		.4	4.0	8.1	3.1	.2												147	147		
77 79		2.7	12.3	8.9	1.6													237	237	12	2
77 77	.1	6.1	15.1	7.8	1.7													280	280	127	29
76 75	.1	9.4	5.4	2.5	.2													163	163	350	160
74 73	.2	3.5	1.2	.3														49	49	294	360
73 71	.3	.2	.1															6	6	111	22
70 69		.3																3	3	33	119
65 67																				3	47
67 65																					
TOTAL	.8	22.7	38.3	30.4	8.0	.2												930		930	930

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	6425576	77002	82.8	7.335	930							93
Dry Bulb	5714538	72862	78.3	2.557	930			93.0	92.1	30.8		93
Wet Bulb	5160173	69250	74.5	1.982	930			93.0	78.3	.2		93
Dew Point	4921798	67620	72.7	2.359	930			92.5	55.1			93

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10526 HOMESTEAD AFB FL  
 STATION STATION NAME

69-70, 73-81  
 YEARS

AUG  
 MONTH

PAGE 1 0676-0800  
 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					
3/ 87					.1	.3												4	4							
6/ 85			.1	1.0	3.4	.9	.1											51	51							
4/ 83			1.9	7.8	4.1	.6												133	133							
2/ 81		.4	5.6	9.3	3.9	.1												179	190	2						
1/ 79		2.8	12.3	6.9	1.7	.2												222	222	40	8					
7/ 77		5.7	8.8	5.5	.8													193	193	227	57					
6/ 75	.2	5.8	3.3	1.4														100	100	327	242					
4/ 73	.3	2.8	1.1	.4														43	43	222	307					
2/ 71	.1																	1	1	3	177					
1/ 69																				17	102					
10/ 67		.2																2	2		30					
6/ 65																					5					
TOTAL	.6	17.8	33.2	32.2	13.9	2.2	.1											928	929	928	928					
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total															
Rel. Hum.	6127216	75050	80.9	7.897	928	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb	5906554	74020	79.7	3.289	928			93.0	92.7	48.2		93														
Wet Bulb	5256582	69814	75.2	2.187	928			92.8	82.8	1.2		93														
Dew Point	4988398	68000	73.3	2.466	928			92.5	61.5			93														

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

2

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

10026 HOMESTEAD AFB FL 69-70, 73-81 YEARS AUG MONTH

PAGE 1 1900-1100 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/ 91						.1	.1																												3	3			
89/ 89					.1	1.5	1.5	1.3	.3																										39	39			
88/ 87				.2	6.2	12.5	3.6	.3																											212	212			
86/ 85			.4	5.6	15.9	12.7	1.2																												323	334			
84/ 83			1.3	8.8	7.2	2.2	.1																												132	132	4		
82/ 81		.3	2.2	3.1	2.7	.1	.1																												73	73	31	1	
80/ 79		1.3	.8	1.4	.3																														32	32	204	25	
78/ 77		1.3	1.4	1.1	.2																														33	33	41	112	
76/ 75	.1	.4	.6	.5																															16	16	194	280	
74/ 73	.2		.2	.2																															6	6	63	271	
72/ 71																																						20	162
70/ 69																																					3	61	
68/ 67																																					2	7	
66/ 65																																							4
64/ 63																																							1
TOTAL	.3	2.7	6.9	21.0	32.4	29.1	6.4	.6	.1																											929	929		929

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	4698102	65676	77.7	7.706	929							
Dry Bulb	6680017	78769	84.7	3.016	930			93.0	93.0	86.2		93
Wet Bulb	5539566	71712	77.2	2.56	929			93.0	90.5	9.3		93
Dew Point	5104971	68827	74.1	2.494	929			92.5	69.5	.7		93

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1982 HOMESTEAD AFB FL 69-70, 73-87 YEARS AUG MONTH

PAGE 1 12 6-148 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/ 95								.1										1	1																	
84/ 93							.1	.1	.1									3	3																	
81/ 91					.1	.9	.6	.1										17	17																	
77/ 89				.1	1.8	7.8	4.9	1.1	.2	.1								148	148																	
88/ 87				1.1	6.1	13.6	6.8	.3										306	306																	
86/ 85			.3	2.7	12.6	10.2	1.1											250	250																	
84/ 83			.6	4.0	3.1	1.2	.2											85	85	8	1															
81/ 81		.1	1.4	1.5	1.4	.5												46	46	53																
79/ 79		.5	1.6	.9	.3	.1												32	32	254	32															
77/ 77	.2	.3	1.3	.5	.2													24	24	381	124															
75/ 75	.1	.9	.5		.1													15	15	104	293															
74/ 73		.1																1	1	53	247															
72/ 71		.1	.1															2	?	14	167															
69/ 69																				3	43															
67/ 67																					14															
66/ 65																					5															
64/ 63																					1															
TOTAL	.3	2.3	5.9	10.8	25.7	32.4	13.6	1.5	.5	.1								930	930	930	930															
Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	4386292	63418	69.2	8.152	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	6877804	79920	85.9	3.255	930			93.0	92.8	87.2	.4	93																								
Wet Bulb	5603418	72162	77.6	2.104	930			93.0	91.3	14.5		93																								
Dew Point	5121338	68972	74.2	2.570	930			92.4	69.5	1.2		93																								

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 1986 HOMESTEAD AFB FL 59-70,73-87 YEARS AUG MONTH  
 STATION STATION NAME YEARS MONTH

PAGE 1 10 0-1700 HOURS (L. S. Y.)

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																	
47/93																																	1	1				
57/81						.1	.2	.1	.1	.1	.2																						3	8				
67/84					1.1	3.3	1.5	1.2	.1																								67	67				
66/57				.1	6.2	12.5	4.3	.4																									219	219				
67/45			.3	3.2	11.4	15.4	1.7																										297	297				
67/87			1.4	4.4	5.5	3.2	.2																										137	137				
77/71			1.9	3.3	3.3	.4																											51	51	79			
77/79		1.1	1.5	1.2	.3	.2																											45	45	148	14		
77/77		1.3	1.8	1.1	.5																												44	44	344	112		
73/75		1.6	.5	.5	.1																												26	26	273	250		
74/73		.2	.1	.1																													4	4	91	230		
77/71		.1																															1	1	13	213		
77/69																																				12	77	
67/67																																					23	
67/65																																					4	
TOTAL		4.3	7.5	14.0	29.2	33.3	7.4	1.7	.2	.3																								930	930	930		
Element (X)	Σx <sup>2</sup>	Σx	Σ	Σ <sup>2</sup>	No. Obs.	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Rel. Hum.	4595751	64272	69.8	8.658	93																																	
Dry Bulb	6682882	78773	84.7	3.464	930			73.0	92.9	83.7	.1	93																										
Wet Bulb	5504642	71520	76.9	2.207	930			97.0	90.0	9.7		93																										
Dew Point	5048900	68480	73.6	2.628	930			92.2	61.4	.6		93																										

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 AIR 84

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAL

# PSYCHROMETRIC SUMMARY

17-26 HOMESTEAD AFB FL STATION NAME

69-70, 73-a YEARS

Aug MONTH

PAGE 1 1875-2000 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																
1 / 89							.7	.1																								3	3			
2 / 87							.6	1.1	.3	.1																						20	20			
6 / 85			.7	2.0	7.3	4.0	.5																									171	131			
4 / 83			2.7	11.7	5.0	3.9																										254	234			
1 / 81		.4	7.1	9.7	9.4	1.7																										256	256			
1 / 79		1.2	6.5	5.1	2.2	.3																										141	141	75	8	
7 / 77		2.3	3.1	2.3	.6																											77	77	309	63	
6 / 75		1.6	.6	.6																												27	27	248	231	
4 / 73		1.8		.3																												12	12	195	275	
7 / 71		.5	.4																													9	9	43	103	
1 / 69																																			11	11
1 / 67																																			1	25
2 / 65																																				
TOTAL		7.0	22.6	31.7	29.1	10.4	1.0	.1																									930	930		930
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_s$	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	5381704	70346	75.6	8.081	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																									
Dry Bulb	6223477	76029	81.8	2.932	930			93.0	92.1	74.5		93																								
Wet Bulb	5350296	70512	75.8	2.106	930			93.0	87.5	2.2		93																								
Dew Point	4999220	68144	73.3	2.562	930			92.4	59.8	.1		93																								

USAFETAC Form 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10026 HOMESTEAD AFB FL 69-70, 73-81  
 STATION STATION NAME YEARS 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
9 / 57					.1													1	1	
16 / 85			.1	.6	1.1	.1											18	18		
24 / 93			.9	7.7	4.1	1.3											131	137		
31 / 91		.2	3.0	12.7	7.3	.5											267	267		
37 / 79	.1	3.5	11.4	9.7	3.2												280	250	33	4
70 / 77		5.6	7.6	3.5	1.7												172	172	246	67
75 / 75	.1	3.9	2.7	.5	.1												62	62	316	728
74 / 73	.1	.5	.6	.3													15	15	252	293
71 / 71	.1	.2															3	3	51	190
69 / 69		.2															2	2	17	104
67 / 65																			2	28
TOTAL		.4	14.2	37.6	35.2	17.6	1.9										930	930	930	930

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5966257	74167	79.7	7.587	930			93.0	92.5	56.1		93
Wet Bulb	5270590	69986	75.3	2.644	930			93.0	64.8	.7		93
Dew Point	4986668	68060	73.2	2.509	930			92.2	59.2	.1		93

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

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

# PSYCHROMETRIC SUMMARY

17026 HOMESTEAD AFB FL 69-70, 73-80 STATION STATION NAME YEARS MONTH  
 PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																		
6/ 95																																	1	1				
4/ 93																																	4	4				
8/ 91																																	28	29				
5/ 89																																	257	257				
3/ 87																																	762	762				
0/ 85																																	1090	1091				
4/ 83																																	1042	1042	13	1		
2/ 81																																	1233	1234	115	3		
7/ 79																																	1253	1253	844	90		
7/ 77																																	1046	1046	2237	652		
10/ 75																																	532	533	2275	1911		
4/ 73																																	153	153	1459	2276		
2/ 71																																	26	26	434	1505		
7/ 69																																	7	7	118	754		
1/ 67																																	2	2	9	211		
6/ 65																																			2	43		
4/ 63																																						
TOTAL																																			7436	7439		7436
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total																	
Rel. Hum.	43811171		5663.7		76.2		9.562		7436		= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total															
Dry Bulb	49868322		608334		81.8		4.034		7439						744.0		740.5		508.2		.5		744															
Wet Bulb	42896150		564508		75.9		2.354		7436						743.8		687.7		38.1				744															
Dew Point	40126569		545915		73.4		2.545		7436						739.5		492.4		2.8				744															

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

1  
2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12-26 69-70, 73-80 STATION HOMESTEAD AFB FL YEARS MONTH SEP

PAGE 1 000-0200 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				
64/ 83				2.1	.2															21	21				
67/ 81		.2	5.5	2.8	1.3	.1															179	179			
70/ 79	.1	1.8	19.3	10.2	.6															237	238	6	1		
74/ 77		6.1	17.3	3.1	.4															242	242	123	27		
76/ 75		5.8	7.2	1.0															126	126	478	180			
74/ 73	.1	2.4	1.7															38	38	274	384				
70/ 71		.2															2	2	69	233					
70/ 69		.1	.2															3	3	15	57				
67/ 67																		2	11						
67/ 65																		1	6						
TOTAL	.2	16.7	51.1	29.3	2.4	.1															898	899	803	892	

Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6234478	74650	82.1	5.675	898							
Dry Bulb	5558966	70662	78.6	2.333	899			90.0	89.5	35.4		90
Wet Bulb	520778	67128	74.8	1.758	898			89.9	81.3			90
Dew Point	4803694	65656	73.1	1.932	898			89.4	59.3			90

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10026 HOMESTEAD AFB FL STATION NAME

69-70,73-80 YEARS

SEP MONTH

PAGE 1 300-0500 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					.9	.2																												10	17			
82/ 81		.1	3.9	6.8	.7																													103	103			
80/ 79		2.1	14.3	10.5	.3																													244	246			
78/ 77	.1	7.0	20.2	3.5																														276	277	94	16	
76/ 75	.2	10.6	3.6	.4	.1																													179	179	342	156	
74/ 73	.2	4.9	2.8	.1																														72	74	336	363	
72/ 71	.1	.7	.1																															8	8	104	267	
70/ 69		.1																																1	1	14	77	
68/ 67		.2																																2	2	3	9	
66/ 65																																					1	7
TOTAL	.7	25.9	49.9	22.2	1.3																														895	900	895	895

Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6449311	75809	84.7	5.671	895							
Dry Bulb	5449320	69998	77.8	2.402	900			90.0	88.9	24.6		90
Wet Bulb	4953251	66563	74.4	1.77	895			89.9	77.7			90
Dew Point	4755946	65220	72.9	1.41	895			89.3	53.8			90

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

1986 HOMESTEAD AFB FL 69-70, 73-81 YEARS SEP MONTH

PAGE 1 0600-0000 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															
67/85				.3																												11	11		
74/83			.3	5.9	2.	.1																										46	86		
78/81		.1	0.9	17.0	1.3	.1																										166	166		
77/75		2.2	14.7	7.1	.2	.1																									219	220	20	1	
77/77		6.8	15.3	2.3																											219	219	169	44	
76/75	.1	7.0	7.6	.3																											135	135	359	194	
74/73	.1	3.6	2.6																												56	57	250	362	
72/71		.3	.2																												5	5	51	211	
71/69		.1																													1	1	2	76	
68/67																																			7
67/65																																			3
TOTAL	.220	2.43	0.26	.1	5.2	.3																										898	898		898
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Num.	6215726	74504	83.2	6.191	898	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	5595983	70921	78.8	2.855	900			90.0	89.4	38.1		90																							
Wet Bulb	5044903	67285	74.9	1.946	898			90.0	79.9	.2		90																							
Dew Point	4820922	65772	73.2	2.003	898			89.7	60.2			90																							

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10020 HOMESTEAD AFB FL 69-70, 73-87 SEP  
STATION STATION NAME YEARS 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
91/ 91							.1											1	1	
89/ 89					.1	.7	.6											12	12	
87/ 87			.1	.3	3.3	7.1	1.4											111	111	
85/ 85			.1	4.3	19.1	10.9	.2											512	213	
83/ 83			1.8	12.1	12.7	1.1	.3											250	257	1
81/ 81		.3	3.6	7.2	2.3	.1		.1										123	123	1
79/ 79		.1	3.0	1.9	.2													47	47	139
77/ 77		.8	1.6	.4	.1													26	26	451
75/ 75		.6	.7															11	11	229
74/ 73		.3	.2															5	5	54
71/ 71		.1																1	1	13
69/ 69																				3
67/ 67																				4
65/ 65																				3
63/ 63																				1
61/ 61																				1
TOTAL		2.2	11.0	26.4	37.3	19.9	3.1	.1										899	910	899

Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4758469	65095	72.4	7.083	899							
Dry Bulb	6348151	75547	83.9	2.720	900			90.0	89.9	83.4		90
Wet Bulb	5329402	69200	77.0	1.757	899			90.0	88.4	4.6		90
Dew Point	4941952	66628	74.1	2.089	899			89.5	72.8	.3		90

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



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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

1326 HOMESTEAD AFB FL 69-70, 73-80 YEARS MONTH

PAGE 1 12-0-1455 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
91					.1	.3	.1	.1										6	6		
89					.4	3.0	3.5	1.2	.1									62	82		
87			.1	.2	5.8	16.1	3.6	.4										236	236		
85		.1	.6	2.9	17.4	11.1	1.1											297	297	1	1
83			1.7	5.0	6.2	1.4												129	129	4	
81			.8	2.6	2.2		.1											51	51	20	4
79		.4	2.3	1.1	.2	.1												38	39	210	11
77		.4	2.2	.7	.1													31	31	395	56
75	.1	.6	1.3	.4														22	22	143	261
73	.1	.3	.2															6	7	65	315
71																				19	157
69																				1	51
67																					9
65																					2
TOTAL	.2	1.9	9.2	12.9	32.5	33.1	8.2	1.8	.1									898	900	898	898
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		S <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	4409792		62534		62.6		7.839		898		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	6518723		76537		85.0		3.324		900				90.0	90.0	82.2		90				
Wet Bulb	5358225		69343		77.2		2.304		898				90.0	88.0	7.8		90				
Dew Point	4918169		66425		74.0		2.293		898				89.8	68.0	.6		90				

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1986 HOMESTEAD AFB FL 69-70, 73-80 YEARS 3 SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
91								.1	.1									2	2																
89					.7	1.0	1.0	.8	.1									28	28																
87				.1	3.1	9.1	1.9	.1										129	129																
85				2.3	15.7	10.6	.3											260	260																
83			2.3	9.1	12.7	1.8												227	227																
81			3.1	6.5	2.2	.3												100	100	4															
79		.7	2.8	3.9	.6													71	71	126	3														
77		.3	3.2	.9	.1													41	41	382	65														
75		1.1	2.8	.3														38	38	26	247														
73		.1	.2															3	3	105	332														
71																				2	198														
69																					58														
67																					2														
65																					1														
TOTAL		2.2	13.5	23.1	33.9	22.8	3.2	1.0	.2									899	899	699	899														
Element (X)	Σ X²		Σ X		X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature				Total																							
Rel. Hum.	4702821		64665		71.9	7.571	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																					
Dry Bulb	6303598		75222		83.7	3.261	899			90.0	90.0	78.4		90																					
Wet Bulb	5276020		68850		76.6	1.869	899			90.0	87.8	3.0		90																					
Dew Point	4876633		66187		73.6	2.044	899			89.9	64.1	.1		90																					

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

10424 HQMESTEAD AFB FL  
 STATION STATION NAME

69-70, 73-81  
 YEARS

SEP  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 87						.1												1	1		
6/ 85				.4	2.4	.9	.1											35	35		
4/ 83			.6	10.7	7.8	.4												175	175		
2/ 81		.4	5.1	21.6	6.0	.3												301	301		
1/ 79		1.3	11.3	9.0	1.8	.1												212	212	20	1
70/ 77		1.9	7.8	2.7	.2													113	113	235	37
76/ 75		2.1	3.3	.6														54	54	4 5	191
74/ 73		.1	.1															2	2	154	375
70/ 71		.4	.1															5	5	30	210
70/ 69																					64
60/ 67		.1																1	1	1	14
4/ 63	.1																	1	1	1	1
TOTAL	.1	6.4	28.3	44.9	18.2	1.9	.1											900	900	900	900

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	5537776	73362	73.2	6.404	900							
Dry Bulb	5857962	72572	80.6	2.600	900			89.9	89.3	64.1		90
Wet Bulb	5124056	67890	75.4	1.792	900			89.9	85.4	.2		90
Dew Point	4831530	65918	73.2	1.987	900			89.9	60.3	.1		90

FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17326 HOMESTEAD AFB FL  
 STATION STATION NAME

69-70, 73-80  
 YEARS

SEP  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
47/43			.2	4.3	1.0	.3											57	57		
57/81		.1	6.8	19.2	1.9												252	253		
67/79		1.6	15.4	13.1	.9												278	279	6	
75/77		3.8	13.7	3.8	.3												194	194	151	18
75/75		3.8	5.9														87	87	42	194
74/73		1.9	.8														24	24	235	303
73/71		.3	.1														4	4	7	222
72/69		.3															3	3	5	74
67/67																			2	7
66/65																				1
TOTAL		11.8	42.8	40.5	4.6	.3											899	899	899	899

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5974921	73105	81.3	5.795	899							90
Dry Bulb	5662974	71358	79.3	2.413	900			90.0	89.3	47.2		90
Wet Bulb	5055523	67399	75.0	1.684	899			90.0	82.3			90
Dew Point	4809768	65736	73.1	1.849	899			89.9	59.6			90

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

10-76 STATION HOMESTEAD AFB FL STATION NAME 59-70, 73-87 YEARS SEP MONTH ALL

PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																	
2 / 91																																	9				
2 / 89																																	122	122			
3 / 87																																	477	477			
6 / 85																																	915	916	1	1	
4 / 82																																	955	955	5	5	
2 / 81																																	1275	1276	33	5	
1 / 79																																	1396	1401	528	25	
7 / 77																																	1142	1143	2009	369	
10 / 75																																	652	652	266	1727	
14 / 73																																	206	210	1513	2841	
17 / 71																																	25	25	424	1647	
17 / 69																																	6	8	54	467	
17 / 67																																	3	3	15	62	
16 / 65																																			2	23	
14 / 63																																	1	1	1	2	
17 / 61																																				1	
TOTAL																																		7186	7198	7186	7166
Element (X)	Σ x <sup>2</sup>		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total																		
Rel. Hum.	44283294		560720		78.3	8.593	7186		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720																						
Dry Bulb	47295677		582817		81.1	3.827	7198				716.9	716.3	453.4		720																						
Wet Bulb	41162158		543658		75.7	2.198	7186				719.7	670.8	15.3		720																						
Dew Point	38758614		527542		73.4	2.059	7186				717.4	498.1	1.1		720																						

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

10026 HOMESTEAD AFB FL 69-70, 73-8 JCT  
STATION STATION NAME YEARS MONTH

PAGE 1 1000-0200  
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																		
81		.1	1.2	.5	1.4	.3																											34	34				
79		.9	4.1	3.7	4.8	1.1	.1																										128	128	3			
77		3.7	8.2	3.0	3.8	.3	.1																										216	216	24	6		
75		5.3	9.4	3.9	2.6																												196	196	116	43		
73	.1	3.2	7.6	4.0	1.6	1.1																											164	164	214	126		
71	.2	1.9	4.7	1.9	1.8	.4	.1																										124	124	228	164		
69		.4	1.1	1.6	.2																												31	31	123	193		
67	.3	.4	1.6	.2	.4																												34	34	127	146		
65			.3	.2	.2																												7	7	48	71		
63			.2	.3	.4																												11	11	43	72		
61				.2	.2	.1																											5	5	13	34		
59																																		3	3	32		
57																																		8	8	17		
55																																		3	3	7		
53																																		1	1	6		
51																																					4	
49																																					7	
47																																					1	
45																																						
TOTAL		.615	.938	.425	.316	.133	.3																												930	930	920	930
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	Z <sub>3</sub>	Z <sub>4</sub>	Z <sub>5</sub>	Z <sub>6</sub>	Z <sub>7</sub>	Z <sub>8</sub>	Z <sub>9</sub>	Z <sub>10</sub>	Z <sub>11</sub>	Z <sub>12</sub>	Z <sub>13</sub>	Z <sub>14</sub>	Z <sub>15</sub>	Z <sub>16</sub>	Z <sub>17</sub>	Z <sub>18</sub>	Z <sub>19</sub>	Z <sub>20</sub>	Z <sub>21</sub>	Z <sub>22</sub>	Z <sub>23</sub>	Z <sub>24</sub>	Z <sub>25</sub>	Z <sub>26</sub>	Z <sub>27</sub>	Z <sub>28</sub>	Z <sub>29</sub>	Z <sub>30</sub>	Z <sub>31</sub>	Mean No. of Hours with Temperature						
Rel. Hum.	5965027	74317	79.6	8.934	930	0 F	32 F	67 F	73 F	80 F	93 F	Total																										
Dry Bulb	5265683	69895	75.2	3.692	930			90.7	73.8	8.3		93																										
Wet Bulb	4664263	65753	70.7	4.269	930			80.2	34.7			93																										
Dew Point	4368612	63570	68.4	5.008	930			68.0	17.5			93																										

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

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1980 HOMESTEAD AFB FL 69-70, 73-0 OCT  
 STATION STATION NAME YEARS MONTH

PAGE 1 030-1500  
 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		
61			.4	.9	.1													13	19				
62		.5	2.2	2.3	2.3	.9												73	73				
63	.1	2.8	7.7	5.9	2.7	.2	.4											194	184	17	7		
64	.1	6.6	9.5	4.2	1.1	.1												210	200	84	37		
65	.6	5.5	7.2	3.4	1.7	.6												179	179	172	114		
66	.4	2.9	6.8	1.8	1.4	.3												127	127	229	160		
67		1.0	4.3	1.4	.4													63	63	137	197		
68	.6	.2	2.7	1.1	.1													43	43	103	109		
69	.2	.6	.9	.1	.2													20	20	75	66		
70				.1	.6													7	7	92	74		
71			.3	.3	.3													9	9	19	44		
72		.1	.6															7	7	4	17		
73																				8	19		
74																				15	4		
75																					10		
76																					7		
77																					5		
78																					5		
TOTAL	7.3	20.2	42.3	21.1	11.6	3.3	.4											930	930	930	930		
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	X	X <sup>2</sup>	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel Hum	6246188	75754	81.5	9.138	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	5117542	68888	74.1	3.997	930			69.7	65.4	5.1		97											
Wet Bulb	4580123	652.3	72.1	4.239	930			76.2	29.3			93											
Dew Point	432.963	632.7	68.3	5.058	930			64.4	15.8			93											

FORM 12-64 0 26 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 000 HOMESTEAD AFB FL 69-70, 73-81 OCT MONTH

PAGE 1 6.0-10.0 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
66/85				.1														1	1	
67/83				.3	.6	.1												10	10	
67/81		.2	.6	1.0	.6	.7												35	35	
67/79		.2	4.7	3.1	3.1	.9	.1											106	106	7
70/77		3.3	7.3	5.6	.5	.4												171	171	10
70/75		5.2	9.4	3.9	.9	.3												132	132	114
74/73	.3	5.8	5.9	2.9	1.9	.3												159	159	124
74/71	.6	2.6	6.6	1.7	.4	.6												117	117	222
74/69	.1	1.1	4.3	1.6														66	66	114
74/67	.1	.5	2.6	1.3		.1												40	40	174
76/65		.3	.9	.2		.1												17	17	78
76/63	.1	.1	.3	.4														10	10	70
76/61			.1	.3	.1													5	5	57
76/59			.9	.5														11	11	4
76/57																				18
76/55																				7
76/53																				7
76/51																				5
76/49																				1
T	1.3	19.5	42.9	23.8	9.4	3.1	.1											970	970	91
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	6216.19	756.2	91.3	8.753	93	0 F	32 F	67 F	73 F	80 F	93 F									
Dry Bulb	5174.70	6925.7	74.5	4.347	93			29.7	66.4	0.1										
Wet Bulb	4630.67	6550.1	70.4	4.359	93			76.5	32.5	.1										
Dew Point	4362.69	6352.3	68.3	5.061	93			64.9	18.6											

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1926 HOMESTEAD AFB FL 62-70,73-01 1950-1950  
 STATION STATION NAME YEARS MONTH

PAGE 1 1950-1950  
 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															
89							.1																								1	1			
87				.2	.3	1.2	.5																								27	27			
85				1.9	2.4	4.0	.5	.3																							90	90			
83			.4	4.5	6.0	6.5	2.0	.2																							121	121			
81			1.7	5.8	6.1	5.4	1.7	.3	.1																						199	199	2		
79		.1	2.4	5.2	5.3	4.4	1.2	.1																							173	173	48	5	
77		.8	1.6	2.4	2.7	1.9	1.6																								182	182	110	26	
75		1.2	2.2	1.7	1.5	1.3	.4																								75	75	196	104	
73		1.1	.8	1.3	.9	.2																									36	36	226	137	
71		.1	.3	.5	.6	.6																									21	21	146	190	
69			.2	.2	.3	.2																									10	10	17	149	
67					.2		.1																								3	3	52	94	
65			.1	.1																											2	2	73	65	
63																																	16	60	
61																																	7	33	
59																																	4	25	
57																																		1	17
55																																	1	8	
53																																		2	2
47																																		1	1
45																																		1	1
43																																		1	1
TOTAL		3.1	9.7	23.5	28.7	25.7	8.7	1.2	.2																						930	930	93	93	
Element (X)	Σ X'	Σ X	Σ X <sup>2</sup>	Σ X <sup>3</sup>	No. Obs.	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Rel. Hum.	457.657	64613	69.5	9.395	930																														
Dry Bulb	634636	74867	81.5	3.855	930																														
Wet Bulb	498.091	67559	73.1	3.888	930																														
Dew Point	4528750	64588	69.4	5.222	930																														

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



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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

12626 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-8. YEARS OCT MONTH  
 PAGE 1 15 8-17-0 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
02/ 91									.1									1	1	
03/ 89						.2	.5	.1	.3									11	11	
06/ 87					.4	1.4	1.0	.5	.2	.2	.1							39	39	
06/ 85			.1	.9	3.2	3.9	2.2	.3										105	175	
04/ 83			.1	3.4	7.4	6.0	1.9	1.0	.6	.1								192	192	
02/ 81		.1	1.2	5.2	6.1	6.5	2.7	1.3		.1								215	215	1
01/ 79		.1	1.8	4.5	4.9	4.7	1.8	.3	.3									173	173	27
07/ 77		1.3	2.3	2.3	2.4	1.9	2.1			.2								115	115	107
06/ 75		.8	1.3	1.1	.4	1.0	.3	.2		.2								49	49	276
04/ 73	.3	1.0	.3	.3		.4	.2	.3										27	27	241
02/ 71		.2	.1															3	3	154
01/ 69																				22
08/ 67																				56
06/ 65																				28
04/ 63																				10
02/ 61																				4
01/ 59																				4
08/ 57																				2
06/ 55																				4
04/ 53																				1
02/ 51																				1
01/ 49																				1
05/ 47																				3
04/ 43																				1
01/ 39																				2
TOTAL	.3	3.4	7.2	17.6	25.3	26.0	12.7	4.2	2.0	.9	.3							930	930	93
Element (X)	Z <sub>g</sub> '	Z <sub>g</sub>	X	g <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	4285687	62273	67.0	11.108	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	6150934	75568	81.3	3.376	930			97.0	92.7	66.8		53								
Wet Bulb	4972471	67223	73.3	3.546	930			88.4	58.2	.6		77								
Dew Point	4445554	64120	68.9	5.159	930			69.6	23.3			77								

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

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

1926 HOMESTEAD AFB FL 69-70, 73-87 OCT  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 1800-2000  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb
67/85						.2												4	4	
67/83			.3	1.0	1.4	.8		.1										37	37	
67/81		.2	2.3	4.3	7.7	1.6	.1	.3	.1									117	117	
67/79		.4	4.3	11.0	8.8	2.5	.2	.1										251	251	
73/77		1.2	7.5	7.3	6.4	1.2	.5		.1									225	225	55
73/75		2.2	4.3	5.2	4.6	1.7	.3											166	166	151
74/73	.4	.9	2.4	2.3	.9	2.6	.2			.1								97	87	264
74/71	.1	.1	.8	.9	.6	.2	.1	.1	.1									28	28	179
77/69			.3	.2	.3			.1										9	9	123
77/67					.3				.1									3	3	70
78/65			.1	.1			.1											3	3	76
74/63																				71
72/61																				34
72/59																				32
73/57																				22
72/55																				6
74/53																				1
77/51																				1
77/49																				1
74/45																				1
72/41																				4
74/39																				1
TOTAL	.5	4.8	22.5	31.9	26.6	10.8	1.6	.8	.4	.1								930	930	930
Element (X)	Σ X'		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total							
Rel. Num.	520205		68472		74.2	9.669	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	5635300		72338		77.8	3.051	930			92.7	88.7	28.9		93						
Wet Bulb	4811922		66806		71.8	3.720	930			84.7	47.5			93						
Dew Point	4421715		63953		68.8	5.070	930			70.6	21.5			93						

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12526  
 STATION

HOMESTEAD AFB FL  
 STATION NAME

69-70, 73-80  
 YEARS

YEARS

OCT  
 MONTH

PAGE 1

LL  
 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
91																		2	2		
89																		35	35		
87																		149	149		
85																		350	350		
83																		695	695		
81																		860	860		
79																		1185	1185		
77																		1305	1305		
75																		1120	1120		
73																		815	815		
71																		455	455		
69																		214	214		
67																		129	129		
65																		56	56		
63																		33	33		
61																		19	19		
59																		18	18		
57																					
55																					
53																					
51																					
49																					
47																					
45																					
43																					
41																					
39																					
TOTAL																		7440	7440		7440
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_n$	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	4213879	553487	74.4	11.378	7440	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744									
Dry Bulb	45137526	578414	77.7	4.772	7440			731.4	651.6	273.0		744									
Wet Bulb	38424124	533794	71.7	4.120	7440			664.3	362.0	4.3		744									
Dew Point	35309368	511150	68.7	5.078	7440			543.9	168.9	.5		744									

USAFETAC FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

12826 STATION HOMESTEAD AFB FL 69-70,73-80 YEARS NCV 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
79/79		.1	.1	.6	.2													9	9		
78/77		2.2	4.7	1.7	.7													61	61		
76/75		2.7	4.6	5.4	.8													171	121	35	13
74/73	.1	5.6	4.0	6.2	2.7	.2												169	169	74	44
72/71		2.3	6.3	4.9	2.1	.1												139	139	136	97
71/69		2.0	4.6	3.3	1.7	.1												99	99	97	100
68/67		1.0	5.2	1.6	.9	.2												80	80	127	95
66/65		.6	1.4	2.2	.4	.3												45	45	125	90
64/63		.7	1.3	.8	.6	.1												31	31	84	17
62/61		.8	1.4	2.2	.8	.4	.1											92	52	44	94
59/59		.1	.4		.4	.6												14	14	50	57
58/57			.6	.7	.9													19	19	29	46
56/55		.1	.6	1.3	.6													23	23	21	34
54/53		.1	.3	.6														9	9	11	27
52/51			.1	.1														2	2	27	14
51/49			.3															3	3	24	21
48/47			.1															1	1	7	9
48/45																				5	16
44/43				.1														1	1		18
42/41				.1	.1													2	2		15
41/39																					5
38/37																					1
36/35																					2
30/27																					2
26/25																					1
TOTAL	.1	18.0	35.8	31.8	12.1	2.1	.1											910	900		900
Element (X)	Σ X²	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	5579765	70339	78.2	9.577	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4445035	63007	70.0	6.155	900			69.8	38.0	.3		90									
Wet Bulb	3919427	59075	65.6	6.820	900			47.0	11.0			97									
Dew Point	3611740	56540	62.8	8.154	900		.3	34.2	5.7			97									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10926 HOMESTEAD AFB FL 69-70, 73-81 NOV  
 STATION STATION NAME YEARS 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
79			.1														1	1		
77		2.4	3.3	.8	.3												66	66	3	3
75		2.1	4.2	4.7	.2												101	101	34	9
73		5.1	3.1	5.1	1.2	.3											134	134	62	41
71	.2	4.6	5.0	3.8	2.7	.1											141	141	110	76
69		2.7	5.3	3.8	.6	.2											113	113	106	95
67		2.6	4.8	1.1	.2												78	78	114	94
65		1.8	3.0	1.3	.1												56	56	12	74
63		1.2	2.7	1.3	.3												50	50	48	97
61		.4	3.0	.9	1.1	.3											52	52	45	106
59		1.0	1.3	.3	.6	.4	.2										35	35	53	64
57		.1	.2	.3	.3	.3	.3										12	12	37	47
55		.6	.7	.8	.9												26	26	25	40
53			.4	1.2													15	15	17	30
51		.2	.7	.1													9	9	14	14
49		.2	.3														5	5	28	18
47		.1	.2														3	3	11	10
45																			7	22
43																				19
41				.3													3	3		10
39																				1
37																				1
35																			3	1
33																				1
29																				1
27																				1
TOTAL		.225	.138	.925	.9	7.9	1.9	.2									900	900	900	900
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	5842275	71993	80.0	9.631	900	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total								
Dry Bulb	4299958	61926	68.8	6.590	900			63.4	30.2			97								
Wet Bulb	3836960	58412	64.9	7.145	900			42.9	9.9			90								
Dew Point	3558322	56082	62.3	8.415	900		.3	31.8	5.3			9								

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



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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

10-26 STATION HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS MONTH NOV

PAGE 1 06-0-0600 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
79			1.0	.2	.3													14	14		
77	.1	2.1	3.1	1.8	1.7													73	73	1	1
75		2.8	3.3	3.2	1.6	.2												100	100	37	3
73		3.8	4.4	3.7	1.2	.2												100	120	66	5
71		4.6	4.9	3.6	2.2	.1												138	138	104	61
69		2.1	5.7	2.1	.9													97	97	102	11
67		1.4	5.3	1.8	.4													81	81	118	81
65		2.6	2.1	1.2	.1	.1		.1										56	56	177	90
63		1.7	2.8	.9		.1												49	49	103	111
61		.3	2.8	.7	.4	.2												40	40	48	84
59		1.1	1.4	.9	.4	.1	.1											37	37	45	65
57		.3	.6	1.3	.3	.3	.2											27	27	43	52
55		.6	.4	.3	1.1	.1												27	27	25	43
53		.2	.1	.9	.6													16	15	19	28
51		.2	.4	.4														10	10	18	13
49		.2	.7															8	8	17	14
47		.3	.1															4	4	31	12
45																				10	21
43																				1	15
41			.2															2	2		10
40			.1															1	1		12
37																				2	8
35																				1	4
33																					3
31																					1
29																					2
TOTAL		.124	.339	.623	.410	.616	.3	.1										900	900	900	900
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	5796652	71682	79.6	9.861	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4284496	61774	62.6	7.033	900			07.3	37.7	.3		9									
Wet Bulb	3813312	58198	64.7	7.456	900			42.8	10.4			90									
Dew Point	3530042	55810	62.0	8.774	900		.3	31.1	5.9			90									

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

1026 HOMESTEAD AFB FL 69-70, 73-80 NOV 1980-1100

STATION STATION NAME YEARS MONTH HOURS (L. S. Y.)

PAGE 1

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
66/ 65				.1	.1	.2											4	4	
64/ 63			.1	.3	1.1	.6											19	19	
62/ 61			.2	4.8	3.7	2.1	.8										104	104	
60/ 59		.2	3.2	4.9	6.1	6.7	1.6	.1									198	198	2
58/ 57		.2	2.9	3.7	6.2	4.7	1.8	.3	.1								173	173	12
56/ 55		.4	1.6	2.3	3.4	2.3	.4	.4									99	99	107
54/ 53		.3	1.5	1.2	1.7	1.1	.7	.3									57	57	133
52/ 51		.2	1.4	1.7	1.9	.8	.9										61	61	112
50/ 49		.2	.4	1.1	1.1	1.5	.3	.1	.1								39	39	128
48/ 47			.9	.4	.9	.8	.1	.1	.1								28	28	106
46/ 45		.2	.8	1.2	.4	.3	.3	.2									35	35	68
44/ 43			.2	.8	.6	.4	.2	.1									21	21	44
42/ 41			.1	.8	1.1	.3	.3	.1									24	24	45
40/ 39			.1	.4	.6	.8	.1										18	18	36
38/ 37			.1		.2	.1											4	4	23
36/ 35			.1		.2	.1											4	4	12
34/ 33			.2	.1	.3	.2											8	8	19
32/ 31			.1	.1	.1	.1											3	3	14
30/ 29				.1													1	1	6
28/ 27																			9
26/ 25																			1
24/ 23																			1
22/ 21																			1
20/ 19																			1
18/ 17																			1
16/ 15																			1
14/ 13																			1
12/ 11																			1
10/ 9																			1
8/ 7																			1
6/ 5																			1
4/ 3																			1
2/ 1																			1
TOTAL		1.9	13.4	23.9	29.8	21.3	7.6	1.8	.3								900	900	900
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.	4250245	61053	67.8	10.992	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	5094445	67459	75.0	6.509	900			78.2	65.4	23.3		90							
Wet Bulb	4172723	60961	67.7	6.961	900			61.0	25.4	.2		90							
Dew Point	3685448	57044	63.4	8.816	900		.2	37.8	10.7			90							

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

10426 STATION HOMESTEAD AFB FL 69-73, 73-80 YEARS NOV MONTH

PAGE 1 16--14.0 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
6/ 85					.6	.9	.6	.2										20	20	
7/ 83			.1	1.3	3.2	2.1	.9	.2	.1									69	69	
8/ 81			.7	4.4	4.9	7.7	7.3	.6	.1	.1								196	196	
9/ 79		.1	1.8	4.3	6.1	10.1	3.9	.6	.2	.1								247	247	
10/ 77		.1	.9	1.1	2.4	4.7	3.1	1.5	.2	.4								176	126	30
11/ 75		.5	.2	.1	.8	2.4	1.7	.6	.2	.1								60	60	107
12/ 73	.1	.3	.4	.2	1.7	1.6	2.3	.9	.1	.2								61	61	156
1/ 71		.6	.7	.9	1.7	.9	.2			.3								46	47	123
2/ 69			.3	.2	.2	.7	.7	.1		.1								21	21	141
3/ 67		.1			.6	.2	.6	.9	.1									21	21	36
4/ 65			.1		.6	.3	.4	.3	.1									17	17	69
5/ 63			.2		.1	.6	.1	.1										10	10	43
6/ 61				.1		.2	.1											4	4	41
7/ 59				.1		.1	.1	.2										5	5	29
8/ 57						.1	.1											2	2	15
9/ 55						.1												1	1	15
10/ 53																				14
11/ 51																				3
12/ 49																				4
1/ 47																				1
2/ 45																				3
3/ 43																				3
4/ 41																				7
5/ 39																				4
6/ 37																				1
7/ 35																				2
8/ 33																				2
9/ 31																				3
TOTAL	.1	1.2	5.3	12.3	21.2	32.8	18.4	5.9	1.2	1.4								900	900	900
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature														
Rel. Num.	3617795	56781	62.3	11.709	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	5475532	70058	77.8	4.954	900			66.1	77.9	43.7		900								
Wet Bulb	4305371	62709	68.9	6.060	900			65.5	29.9			900								
Dew Point	3702500	57212	63.6	8.542	900			39.0	10.9			900								

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

GEOLICAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1976 HOMESTEAD AFB FL 69-76, 73-81 NOV  
 STATION STATION NAME YEARS MONTH

PAGE 1 196-1700  
 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
66/ 85					.1	.4	.1											6	6	
67/ 82				.2	1.1	.9	.3	.1										24	24	
68/ 81			.9	4.6	3.3	3.7	1.2	.1	.1									122	122	
69/ 79		.3	2.1	5.8	7.6	7.3	1.7	.2										227	227	
70/ 77		.1	1.7	2.3	6.9	4.7	2.6	.7	.1	.3	.1							179	179	20
71/ 75		.2	1.3	1.4	3.7	4.3	1.3	.4	.4	.2								118	118	91
72/ 73		.2	.3	.9	1.9	2.3	2.1	.2	.2	.2								76	76	142
73/ 71	.2	.2	.6	.8	1.3	2.2	.2		.3	.2								55	55	127
74/ 69			.3	.2	1.7	1.2	.5	.2	.6									43	43	147
75/ 67			.2	.3	.1	.2	.6	1.3	.1									23	23	101
76/ 65				.2	.1	.6	.6	.2										15	15	71
77/ 63					.1	.1												2	2	49
78/ 61						.3												3	3	46
79/ 59						.1		.2										3	3	27
80/ 57							.7											2	2	9
81/ 55							.1											1	1	22
82/ 53							.1											1	1	13
83/ 51																				5
84/ 49																				1
85/ 47																				11
86/ 45																				9
87/ 43																				11
88/ 41																				1
89/ 39																				9
90/ 37																				1
91/ 35																				1
92/ 33																				1
93/ 31																				1
94/ 29																				1
95/ 27																				1
TOTAL	.3	1.1	7.3	17.2	27.6	27.8	11.7	3.8	1.9	1.3	.1							900	900	900
Element (X)	ΣX'		ΣX		X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	3871943		58037		64.5		11.997		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	5317738		69762		76.7		4.499		900				37.3	75.2	27.6		900			
Wet Bulb	4248271		61611		68.5		5.833		900				62.8	25.3			900			
Dew Point	3691907		57149		63.5		8.372		900			.5	37.7	8.5			900			

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1970 STATION HOMESTEAD AFB FL 69-70,73-80 YEARS NOV MONTH

PAGE 1 10-0-70  
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
81			.1	.1	.1												3	3	
79			1.4	1.4	.3	.6	.2										36	36	
77		1.6	6.7	5.2	3.2	.3											143	143	4
75		1.9	5.9	7.2	6.6	1.4	.1										210	210	44
73		1.6	4.3	6.3	3.6	1.0	.1	.1									154	154	96
71	.2	.3	2.9	4.2	4.1	1.0	.4										123	123	134
69		.1	2.3	1.3	2.0	1.7	.1			.1							81	81	140
67			.6	1.3	2.1	.9	.1	.2									47	47	126
65			.2	1.0	.9	.6	.2	.1									27	27	107
63		.1	.3	.6	.9	.4	.7										17	27	66
61				.4	.4	1.0	.1										13	18	62
59		.1		.3	.6	.3											12	12	35
57		.1		.2													3	3	17
55					.1	.1											2	2	20
53				.1		.1											2	2	23
51					.1												1	1	14
49					.3	.1											2	2	4
47					.1												1	1	1
45																			2
43																			1
41																			1
39																			2
35																			1
33																			1
29																			2
27																			2
TOTAL	.2	6.2	23.9	30.9	26.3	9.3	2.6	.4	.2								897	897	897
Element (X)	Σ X'		Σ X		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature									Total		
Rel. Hum.	4641319		65161		72.6	10.969	897	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	4771419		65277		72.8	4.846	897			30.5	55.3	1.3		90					
Wet Bulb	451931		60045		66.9	6.025	897			54.6	14.4			90					
Dew Point	3651081		56783		63.3	7.943	897			36.1	7.0			90					

USAFETAC FORM 0-36-5 (O.L.A.) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12626 HOMESTEAD AFB FL 69-70,73-87 NOV  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 21.6-23.0  
 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
79		.3	.2	.4	.4													13	13		
78		1.1	5.4	3.7	.3													94	94	3	7
76		3.1	5.1	6.9	2.6	.1												168	169	34	7
74	.1	2.7	3.9	7.8	3.8	.3												163	163	90	59
72	.2	1.6	5.7	5.4	3.6	.7												153	153	125	62
70		.9	3.9	3.3	2.9	.6												93	93	118	90
68		.1	2.7	2.1	1.7	.3	.1											63	63	143	93
66			.6	1.7	.8	.3	.1											29	29	112	107
64		.7	.7	1.4	.9	.2												35	35	37	11
62		.1	.1	.8	.6	.4												18	18	50	66
60			.2	1.0	1.1	.7												27	27	34	53
58			.7	1.2	.9	.1												26	26	24	40
56			.2	.2	.1													5	5	29	32
54				.2														2	2	20	22
52			.1	.3														4	4	28	19
50		.1																1	1	19	22
48																					17
46					.2													2	2	3	15
44				.1														1	1		18
42																					10
40																					4
38																					1
36																					1
34																					1
32																					1
30																					1
28																					1
27																					1
TOTAL		.31	.72	9.53	6.21	9.2	3.9	.2										897	897	807	897

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	5242677	67986	75.8	10.013	897	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4560738	63758	71.	5.677	897			74.9	43.9	.7		90
Wet Bulb	3958511	59301	66.1	6.521	897			50.7	12.7			90
Dew Point	3613509	56473	63.0	8.052	897		.3	33.4	6.8			90

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

17825 HOMESTEAD AFB FL 69-70,73-86 YEARS NOV  
STATION STATION NAME 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
86/ 85				.0	.1	.2	.1	.0										30	37		
84/ 83			.0	.2	.7	.4	.2	.0										112	112		
82/ 81			.2	1.7	1.8	1.6	.7	.1	.0									425	425		
80/ 79		.1	1.3	2.2	2.6	3.0	.9	.1	.0									745	745	4	1
78/ 77	.0	1.2	3.5	2.6	2.7	1.7	1.0	.3	.1	.1	.0							940	940	74	13
76/ 75		1.7	3.4	3.9	2.4	1.4	.5	.2	.1	.0								977	977	489	100
74/ 73	.0	2.4	2.6	4.9	2.1	.9	.6	.2	.0	.1								934	934	619	494
72/ 71	.0	1.8	3.4	3.1	2.2	.8	.3	.0	.0	.1								950	950	981	644
70/ 69		1.0	2.8	1.9	1.3	.7	.2	.1	.1	.0								586	586	981	205
68/ 67		.7	2.4	1.1	.9	.3	.2	.3	.0									421	421	921	752
66/ 65		.6	1.7	1.1	.4	.3	.2	.1	.0									260	230	780	765
64/ 63		.5	1.0	.7	.4	.3	.1	.0										225	225	587	824
62/ 61		.2	.9	.7	.5	.4	.1	.1										211	211	378	675
60/ 59		.3	.4	.4	.5	.4	.1	.1										151	151	309	440
58/ 57		.1	.3	.5	.3	.1	.1											95	95	196	363
56/ 55		.2	.3	.4	.4	.1	.0											89	89	166	298
54/ 53		.0	.1	.4	.1	.0	.0											53	53	143	202
52/ 51		.1	.2	.1	.0	.0	.0											29	29	128	148
50/ 49		.1	.2			.0												19	19	105	128
48/ 47		.1	.1	.0	.0													10	10	72	91
46/ 45					.0													2	2	39	117
44/ 43				.0														2	2	4	116
42/ 41			.0	.1	.0													7	7	4	35
40/ 39			.0															1	1	2	57
38/ 37																				0	26
36/ 35																				6	17
34/ 33																					10
32/ 31																					6
30/ 29																					9
28/ 27																					9
26/ 25																					1
TOTAL		211.1	24.2	25.2	19.3	12.6	5.1	1.5	.5	.3	.0							7194		7194	7194
																		7194		7194	
Element (X)	Σ X'	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	39042664	522332	72.6	12.467	7194	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	38249331	522321	72.6	6.734	7194			602.5	416.6	96.6		720									
Wet Bulb	32306506	479612	66.7	6.789	7194			427.3	138.7	.2		720									
Dew Point	29044549	453093	63.0	8.40	7194		2.5	281.1	60.9			720									

FORM 0-26-5 (O.L.A.) REVISED PERIODIC EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 526 HOMESTEAD AFB FL 68-70, 73-79 DFC  
 STATION STATION NAME YEARS 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
79						.1												1	1		
77		.2		1.4	.1		.1											17	17		
75		.1	1.6	1.4														29	29	3	3
73		1.3	2.7	2.3	.1													56	56	12	
71	.6	2.7	6.5	1.9	3.8	.1												145	145	48	27
69	.1	3.1	7.6	2.6	.8	.1												133	133	77	59
67		2.8	4.4	1.9	.8													92	92	112	86
65		3.7	3.3	1.6	.4	.1												85	85	121	89
63	.1	1.1	1.5	1.7	.4	.1												46	46	115	91
61		1.1	3.5	1.6	.2	.1												61	61	67	102
59		.8	2.5	.9	.6	.1	.2											47	47	49	63
57		.8	.9	1.7	.6	.2												33	33	57	64
55		2.6	1.4	1.4	.6													56	56	46	54
53		1.2	1.3	1.4	.9	.1												45	45	39	57
51		.1	1.2	2.3	.9													39	39	45	46
49			1.2	.9	.1													20	20	43	24
47			.2	1.4														15	15	27	17
45		.3		.3														6	6	44	31
43			.3															3	3	19	29
41			.1															1	1	11	25
39																					22
37																				1	20
35																					19
33																					9
TOTAL	.9	21.4	40.2	25.7	10.4	1.1	.3											930	537	930	93
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5778756	72686	78.3	10.262	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	3945029	60145	64.7	7.717	930			47.3	10.3	.1		93									
Wet Bulb	3479579	56383	60.6	8.12	930			25.2	1.5			93									
Dew Point	3170595	53573	57.6	9.537	930			16.8	.3			93									

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12626 STATION HOMESTEAD AFB FL 63-70,73-79 YEARS DFC MONTH  
PAGE 1 03-0-4500 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																	
70 / 77			.1	.8	.1																											9	9				
70 / 75			1.8	1.5																												31	31				
74 / 73		.6	2.6	1.8	.1																										48	48	10	1			
73 / 71	.4	2.3	5.5	3.0	2.4																										126	126	47	19			
7 / 69	.1	3.2	5.4	2.4	.6																										109	109	65	50			
67 / 67		3.3	5.9	1.6	.8	.1																									109	109	101	53			
68 / 65		4.9	2.9	1.7	.1																										90	90	115	67			
47 / 63		2.6	3.0	.6	.1																										59	59	130	100			
62 / 61		1.7	2.7	1.6																												56	56	64	110		
60 / 59		1.1	3.1	.8	.3	.2																										51	51	66	63		
57 / 57		1.3	1.7	.2	.4	.1																										35	35	42	74		
56 / 55		.6	1.7	.8	.5																											34	34	54	44		
54 / 53	.1	1.4	1.3	2.7	.5	.1	.1																									52	52	25	5		
52 / 51		1.2	1.8	.9	.4	.1																										39	39	28	39		
50 / 49		.4	1.7	1.0	.4																											33	33	47	31		
48 / 47			.9	1.6																												22	22	4	21		
46 / 45		.2	1.5	.1																												17	17	24	21		
44 / 43			.3	.1																												4	4	26	31		
42 / 41			.3																														2	2	27	25	
4 / 39			.4																														3	3	4	24	
35 / 37		.1																															1	1	3	17	
35 / 35																																		1	1	3	27
34 / 33																																					
32 / 31																																					
30 / 29																																					
28 / 27																																					
TOTAL		.6	24.8	44.4	22.5	6.9	.6	.1																										930	930	930	930
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature										Total																			
Rel. Hum.	5980042		74008		79.6	9.875	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb	3329148		59184		63.6	8.219	930						43.2	8.8																							
Wet Bulb	3407268		55732		59.9	8.519	930						22.3	1.0																							
Dew Point	3125940		53134		57.1	9.855	930						9	15.3	.1																						

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FL 68-70, 73-79 DFC  
 STATION STATION NAME YEARS MONTH

PAGE 1 0600-0900  
 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															
79/79				.2														2	2																	
77/77			.5	.9														13	13																	
75/75			1.1	1.4														23	23	1																
73/73	.2	.2	2.6	1.5	.3													45	45	12	4															
71/71	.1	1.6	5.8	3.2	2.6	.1												125	125	35	5															
69/69	.3	3.1	4.6	1.3	.4													95	95	64	46															
67/67	.2	3.5	4.8	1.7	1.7													105	105	98	76															
66/65	.4	4.8	3.4	1.2														92	92	122	99															
64/63		4.0	2.7	.4														66	66	112	95															
62/61		1.4	3.4	.3	.4													52	52	91	64															
59/59		1.5	4.3	1.0	.2													62	62	52	86															
57/57		.8	2.8	.5	.1	.3												42	42	55	61															
55/55		1.1	1.3	.4	.1													27	27	42	62															
53/53		1.4	.9	1.5	.3	.1												39	39	42	41															
51/51		1.2	1.8	1.0	.5	.1												43	43	31	43															
49/49		1.1	1.7	1.1	.3													39	39	32	33															
47/47		.8	.5	1.0	.2	.1												24	24	42	29															
45/45		.2	.6	.3	.1													12	12	36	21															
44/43		.3	1.4															16	16	22	29															
42/41			.5															3	3	17	26															
40/39			.2															2	2	16	22															
37/37		.1	.2															3	3	5	16															
35/35																				4	17															
34/33																				1	14															
31/31																					6															
29/29																					2															
27/27																					1															
TOTAL	1.3	27.1	44.8	18.9	7.1	.8												930		930	930															
Element (X)	Σ X <sup>2</sup>	Σ X	X	σ <sub>n</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	5047931	74459	80.1	9.649	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	3786529	58813	63.2	8.506	930			40.8	8.3			93																								
Wet Bulb	3377264	55466	59.6	8.632	930			21.0	1.3			93																								
Dew Point	3101670	52932	56.9	9.787	930		1.0	13.4	.4			93																								

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12-25 HOMESTEAD AFB FL 68-70,73-79 YEARS DEC MONTH

PAGE 1 1900-1100 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
84/ 83				.1	.1													4	4		
82/ 81				.4	1.9													31	31		
81/ 79			.7	1.5	2.2	1.1	.1											48	48		
78/ 77		.2	.8	4.3	5.5	1.1	1.3											122	122		
76/ 75		.2	1.8	4.1	4.4	3.5	.8											138	138	10	1
74/ 73		.3	1.8	4.3	2.7	2.2	.6											111	111	66	12
73/ 71	.2	.9	2.9	1.9	2.4	1.4	.5	.1										96	96	93	43
72/ 69		.4	2.3	1.6	1.6	1.3	.2	.1										70	70	135	92
71/ 67		.3	1.2	2.0	1.1	.9	.3	.1										55	55	174	33
66/ 65		.6	.6	1.3	1.3	1.0	.3		.1									49	49	112	113
64/ 63		.4	.3	1.9	1.7	.9	.1	.1										44	44	75	77
62/ 61			.4	1.3	1.5	.4	.2	.1										34	34	63	75
61/ 59		.2	.4	.9	1.3	.5		.1										32	32	40	75
60/ 57		.2	.5	.6	1.2	.4	.3	.1										32	32	45	57
58/ 55			.2	.4	.5	.3	.1	.1										19	19	39	50
58/ 53		.1	.1	.6	.8	.3												18	18	35	45
57/ 51			.1	.3	.3	.1	.2											10	10	22	27
56/ 49				.3	.2	.2												7	7	30	31
48/ 47			.1	.3														4	4	15	33
48/ 45			.1	.2	.1													4	4	16	25
44/ 43				.1														1	1	1	21
42/ 41			.1															1	1	11	17
41/ 39																				2	11
36/ 37																				2	6
35/ 35																					13
34/ 33																					1
32/ 31																					4
31/ 29																					7
28/ 27																					3
26/ 25																					1
24/ 23																					1
TOTAL	.2	4.0	14.2	28.7	30.0	16.5	5.5	.9	.1									930	930	930	93
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	4437405	63345	69.1	11.497	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	4644016	65318	70.2	7.795	930			67.5	45.4	5.1		93									
Wet Bulb	3518716	59124	63.6	8.034	930			41.2	8.0			93									
Dew Point	3327542	54844	59.0	1.020	930		1.6	23.1	1.3			93									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10026 HOMESTEAD AFB FL

56-70,73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point	
67/85								.1									1	1				
74/83				.1	1.0	1.2	.6	.2									29	29				
81/81			.2	2.3	2.0	.5	.2										48	48				
77/79		.1	.6	1.9	4.5	6.2	1.6	.3	.3								144	144				
77/77			.2	2.3	3.7	4.7	3.9	.6	.1	.1							184	134	4			
75/75			.2	1.3	4.1	5.6	2.1	.6	.2								136	136	13	3		
73/73		.2	.9	1.2	2.2	3.9	2.2	.3									100	100	77	7		
71/71		.4	.3	.4	1.2	3.1	2.5	.5	.2	.1							82	82	104	31		
69/69				.2	.9	3.1	1.2	.1	.4	.2							56	56	181	77		
67/67		.1	.2	.2	.9	1.6	1.1	.3	.2	.1	.1						42	42	111	98		
65/65		.2	.1		1.1	.9	.5	.6	.1	.1							73	33	99	116		
63/63		.2	.4	.1	.3	1.2	.1	.5	.3								30	30	78	80		
61/61		.1		.2	.1	.8	.6	.2									19	19	79	82		
59/59			.1		.2	.3	.4	.3		.1							14	14	51	81		
57/57					.1	.1	.2	.1									5	5	40	58		
55/55						.3	.4	.1									4	4	30	58		
53/53						.1	.1										2	2	18	51		
51/51																	1	1	25	37		
49/49																			12	36		
47/47																			12	22		
45/45																			3	21		
43/43																			8	8		
41/41																				10		
39/39																				8		
37/37																				10		
35/35																				7		
33/33																				10		
31/31																				7		
29/29																				1		
27/27																				4		
25/25																				1		
23/23																				2		
21/21																				1		
19/17																				1		
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10-26 HOMESTEAD AFB FL  
STATION STATION NAME

68-70, 73-79  
YEARS

DFO  
MONTH

PAGE 1 15 10-17  
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
47 83					.1	.2	.2	.2										7	7		
47 81					2.7	.8	.4		.2									73	33		
47 79			.2	1.8	2.9	2.5	.5	.2										76	76		
74 77			.8	2.9	7.3	2.8	1.5	.3	.1	.1								147	147		
74 75	.1	.2	.8	5.1	6.3	4.4	1.2	.1	.2									171	171		
74 73	.1	.2	.8	3.7	4.1	4.6	1.4	.2										140	140	68	9
74 71			1.2	1.2	3.1	2.8	1.9	.5	.1	.3								104	104	99	26
74 69		.1	.6		2.7	2.7	1.7	.1	.2	.3								79	79	139	75
74 67		.2	.2	.6	1.2	2.0	1.3	.9	.4									64	64	106	97
74 65			.4	.5	1.0	1.4	.4	.8	.3									45	45	118	79
47 63		.1		.1	1.1	.6	.1	.8	.4									30	30	82	106
47 61		.1	.3		.1	.1	.3	.3										16	16	38	71
47 59			.2	.2	.1	.1	.3	.3										12	12	48	34
47 57			.1				.1	.1										3	3	55	79
54 55							.2											2	2	35	52
47 53						.1												1	1	20	46
54 51																				10	38
54 49																				17	38
47 47																				6	29
47 45																					14
44 43																					5
42 41																					4
47 39																					13
30 37																					12
30 35																					17
34 33																					5
32 31																					8
34 29																					2
32 27																					7
TOTAL	.2	1.0	5.6	16.1	32.2	25.2	12.2	4.8	2.0	.8								930	930	930	930
Element (X)	Σ X'		Σ X		X	σ <sub>n</sub>	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	3745141		57921		62.3	12.178	930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	5010922		68298		73.2	5.137	930				82.1	57.4	7.5		93						
Wet Bulb	3945364		60290		64.8	6.301	930				43.8	7.4			93						
Dew Point	3330453		55013		59.2	9.058	930			1.1	20.4	.6			93						

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





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1976 HOMESTEAD AFB FL 63-70, 73-79 DEC  
 STATION STATION NAME YEARS MONTH

PAGE 1 01-0-220  
 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																	
70 / 77		.3		1.5																												17	17				
70 / 75			1.9	1.2																												19	19				
74 / 73		1.2	4.1	2.9	.4																										13	13	7	1			
77 / 71	.2	3.0	8.6	3.7	3.0	.3																									175	175	59	1			
77 / 69		1.9	7.2	4.2	1.5	.4																									140	140	43	25			
77 / 67		1.7	4.9	2.4	.8	.1			.1																						92	92	139	61			
67 / 65	.1	1.2	3.3	3.2	1.2	.3	.1																								87	87	122	100			
47 / 63		1.0	1.2	2.3	1.0	.3																									53	53	108	114			
77 / 61		1.1	1.7	1.7	.5	.2	.1																								52	52	74	100			
77 / 59		.1	2.7	1.7	1.0	.2			.1																						54	54	63	76			
77 / 57		.1	1.7	1.4	.9	.2	.1																								41	41	52	64			
67 / 55		.5	.8	1.5	.9	.4																									38	38	43	37			
47 / 53		.2	.4	1.5	1.1																										30	30	49	48			
67 / 51			.2	1.0	.3	.1																									15	15	30	30			
67 / 49		.1		.4	1.0																										14	14	28	36			
67 / 47			.3	.1																											3	3	17	21			
47 / 45		.2	.1	.1																											4	4	23	26			
47 / 43																																	6	6	15		
67 / 41																																		11	11	21	
77 / 39																																					
77 / 37																																					
76 / 35																																					
77 / 33																																					
76 / 31																																					
TOTAL	.3	12.7	37.2	30.9	13.9	2.6	.3	.2																								327	327	507	927		
Element (X)	Σ X'		Σ X		Σ X	Σ X	No. Obs.		Mean No. of Hours with Temperature										Total																		
Rel. Hum.	5446411		70352		75.9	10.762	927		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																							
Dry Bulb	4110255		61413		66.2	6.710	927				53.8	12.9																									
Wet Bulb	3575630		57160		61.7	7.427	927				28.9	1.0																									
Dew Point	3226178		54024		58.3	9.163	927			.9	16.4	.4																									

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

CEPRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1952 STATION HOMESTEAD AFB FL STATION NAME 68-70, 73-79 YEARS DEC MONTH

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

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				
6/ 39																		1	1						
7/ 41																		4	4						
8/ 81																		112	112						
9/ 79																		271	271						
10/ 77																		542	542	5					
11/ 75																		623	623	47	11				
12/ 73																		723	723	275	37				
1/ 71																		1052	1052	545	151				
2/ 69																		797	797	229	534				
3/ 67																		644	644	932	655				
4/ 65																		562	562	949	789				
5/ 63																		379	379	797	767				
6/ 61																		358	358	612	725				
7/ 59																		304	304	426	604				
8/ 57																		214	214	401	531				
9/ 55																		198	198	339	425				
10/ 53																		193	193	270	377				
11/ 51																		155	155	210	295				
12/ 49																		116	116	226	269				
1/ 47																		68	68	192	211				
2/ 45																		43	43	124	160				
3/ 43																		24	24	104	156				
4/ 41																		7	7	21	135				
5/ 39																		5	5	20	140				
6/ 37																		4	4	11	115				
7/ 35																					117				
8/ 33																				1	73				
9/ 31																					45				
10/ 29																					15				
11/ 27																					12				
12/ 25																					2				
1/ 23																					2				
2/ 21																					1				
3/ 17																					1				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.															Mean No. of Hours with Temperature					
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total														
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17000 HOMESTEAD AFB FL 66-70, 73-87 YEARS ALL MONTH ALL HOURS (L. S. T.)

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																
67/70																																		4		
47/92																																		19	19	
77/91																																		119	119	
77/89																																		768	769	
87/87																																		2639	2639	
86/85																																		4744	4796	1
77/83																																		5725	5725	1
77/81																																		7999	8000	332
77/79																																		10282	10287	2561
77/77																																		10727	10729	8266
70/77																																		9414	9418	12513
77/72																																		7603	7613	12919
77/71																																		6766	6767	9889
77/69																																		4873	4875	8733
67/67																																		3599	3599	7101
67/65																																		2669	2669	5724
47/63																																		2070	2070	4531
47/61																																		1677	1677	3452
77/59																																		1427	1427	2586
77/57																																		1078	1078	1984
57/55																																		938	939	1534
47/53																																		719	719	1236
72/51																																		559	559	1023
67/49																																		416	416	970
47/47																																		259	259	693
46/45																																		202	203	555
44/43																																		108	108	367
42/41																																		69	69	295
67/39																																		44	44	149
77/37																																		21	21	81
77/35																																		4	4	57
34/33																																		5	5	30
77/31																																		1	1	7
77/29																																		1	1	108
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

17500 HOMESTEAD AFB FL 68-70, 73-80 YEARS ALL 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																			
27/27	.0																																		1	1	1	81		
27/25																																					1			47
24/23																																								46
27/21																																								33
27/19																																								27
27/17																																								5
27/15																																								1
TOTAL	.3	11.6	25.3	24.5	19.2	12.3	4.7	1.5	.5	.2	.0	.0																								87599	87631	87599		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$						
Dry Bulb	498318966	6568136	75.0	8.290	87599		.3	7535.0	6012.0	2752.1	2.3	8760
Wet Bulb	423759182	6054148	69.1	7.811	87599		.9	6238.7	3665.9	107.7		8760
Dew Point	386897143	5766831	65.8	9.100	87599		53.8	5153.1	2096.7	10.6		8760

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

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17326 HOMESTEAD AFB FL

68-70,73-80

STATION		STATION NAME												YEARS
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-02	MEAN	63.6	62.3	67.9	71.5	74.7	77.6	78.8	79.1	78.6	75.2	70.0	64.7	72.0
	S.D.	8.096	7.066	5.630	3.515	3.165	2.556	2.489	2.535	2.333	3.692	6.155	7.717	7.792
	TOTAL OBS	929	846	930	900	930	900	930	930	899	930	900	930	10954
3-05	MEAN	62.4	60.7	66.8	70.2	73.7	76.7	77.8	78.3	77.8	74.1	68.8	63.6	71.0
	S.D.	8.725	7.675	6.413	4.297	3.027	2.574	2.455	2.557	2.402	3.990	6.590	8.219	8.199
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
6-08	MEAN	62.0	60.1	67.2	71.3	75.3	78.4	79.5	79.7	78.8	74.5	68.6	63.2	71.6
	S.D.	9.167	8.110	6.962	4.899	3.991	3.143	3.108	3.089	2.855	4.347	7.033	8.506	9.042
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
9-11	MEAN	68.0	67.2	73.8	77.8	80.8	83.2	84.7	84.7	83.9	80.5	75.0	70.2	77.5
	S.D.	9.069	8.086	6.313	3.654	3.163	3.138	2.857	3.016	2.720	3.855	6.509	7.795	8.293
	TOTAL OBS	930	846	930	899	930	900	929	930	900	930	900	930	10954
12-14	MEAN	72.4	71.9	76.6	79.9	82.3	84.1	85.8	85.9	85.0	82.5	77.8	74.3	79.9
	S.D.	7.030	6.388	5.430	3.472	3.354	3.700	3.469	3.255	3.324	3.450	4.954	5.768	6.784
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	71.9	71.8	76.2	78.9	81.2	82.9	84.7	84.7	83.7	81.3	76.7	73.2	79.0
	S.D.	6.141	5.642	5.055	3.460	3.531	3.728	3.750	3.464	3.261	3.376	4.499	5.137	6.363
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
18-20	MEAN	67.5	67.2	72.0	75.1	78.1	80.5	81.9	81.8	80.6	77.8	72.8	68.6	75.4
	S.D.	6.237	5.500	4.744	3.130	3.012	3.096	3.215	2.932	2.600	3.051	4.846	5.652	6.785
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	928	10951
21-23	MEAN	65.0	64.0	69.4	72.7	75.9	78.6	79.7	80.0	79.3	76.2	71.1	66.2	73.2
	S.D.	7.206	6.055	4.962	2.893	2.688	2.633	2.518	2.558	2.413	3.265	5.677	6.710	7.243
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	927	10950
ALL HOURS	MEAN	66.6	65.7	71.2	74.7	77.8	80.2	81.6	81.8	81.0	77.7	72.6	68.0	75.0
	S.D.	8.672	8.134	6.838	5.141	4.558	4.100	4.176	4.034	3.827	4.772	6.734	8.097	8.290
	TOTAL OBS	7439	6768	7440	7199	7440	7200	7439	7439	7198	7440	7194	7435	87631

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

WCT-RULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17826 HOMESTEAD AFB FL

68-70,73-80

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-00	MEAN S.D. TOTAL OBS	60.0 8.419 929	58.6 7.685 846	64.0 6.141 930	66.6 4.335 900	70.5 3.434 930	73.6 2.198 900	74.4 2.122 930	74.9 1.995 929	74.8 1.758 898	70.7 4.069 930	65.6 6.820 900	60.6 8.120 930	67.9 7.892 10952	
03-05	MEAN S.D. TOTAL OBS	59.1 8.930 930	57.4 8.034 846	63.2 6.660 930	65.8 4.842 897	69.9 3.710 930	73.1 2.260 900	74.0 2.129 930	74.5 1.982 930	74.4 1.777 895	70.1 4.239 930	64.9 7.145 900	59.9 8.519 930	67.2 8.250 10948	
06-08	MEAN S.D. TOTAL OBS	58.8 9.227 929	56.8 8.380 845	63.4 7.081 930	66.4 5.113 895	70.8 3.803 930	74.0 2.347 900	74.8 2.406 930	75.2 2.187 928	74.9 1.946 898	70.4 4.359 930	64.7 7.456 900	59.6 8.632 930	67.5 8.736 10945	
09-11	MEAN S.D. TOTAL OBS	62.3 9.107 930	60.8 8.243 846	66.6 6.543 930	69.2 4.456 897	73.1 3.298 929	75.7 2.220 900	76.7 2.103 928	77.2 2.056 929	77.0 1.757 899	73.1 3.888 930	67.7 6.961 900	63.6 8.034 930	70.3 7.976 10948	
12-14	MEAN S.D. TOTAL OBS	64.3 8.027 930	62.9 7.051 846	67.6 5.812 930	70.0 4.018 900	73.6 3.055 928	76.0 2.366 900	77.1 2.183 930	77.6 2.104 930	77.2 2.004 898	73.6 3.613 930	68.9 6.060 900	65.2 6.747 930	71.2 7.082 10952	
15-17	MEAN S.D. TOTAL OBS	64.1 7.530 930	62.8 6.510 846	67.4 5.439 930	69.6 3.821 900	73.0 2.975 930	75.5 2.392 900	76.5 2.426 929	76.9 2.207 930	76.6 1.869 899	73.0 3.546 930	68.5 5.833 900	64.8 6.301 930	70.8 6.786 10954	
18-20	MEAN S.D. TOTAL OBS	62.3 7.514 930	61.2 6.431 846	65.9 5.493 930	68.0 3.936 900	71.9 3.000 930	74.6 2.295 900	75.5 2.341 930	75.8 2.106 930	75.4 1.792 900	71.8 3.720 930	66.9 6.025 897	63.0 6.697 928	69.4 7.041 10951	
21-23	MEAN S.D. TOTAL OBS	60.9 7.907 930	59.7 6.940 846	64.9 5.782 930	67.2 3.973 900	71.2 3.130 930	73.9 2.221 900	74.8 2.122 930	75.3 2.044 930	75.0 1.684 899	71.2 3.891 930	66.1 6.521 897	61.7 7.427 927	68.5 7.465 10949	
ALL HOURS	MEAN S.D. TOTAL OBS	61.5 8.583 7438	60.0 7.745 6767	65.4 6.357 7440	67.8 4.586 7189	71.8 3.550 7437	74.6 2.494 7200	75.5 2.479 7437	75.9 2.354 7436	75.7 2.098 7186	71.7 4.120 7440	66.7 6.789 7194	62.3 7.869 7435	69.1 7.811 87599	

GLOBAL CLIMATOLOGY BRANCH  
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## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

10-26 HOMESTEAD AFB FL

68-70,73-80

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN S D TOTAL OBS	57.4 9.776 929	55.6 9.307 846	61.4 7.448 930	63.6 5.719 900	68.3 4.168 930	71.8 2.505 900	72.5 2.610 930	73.0 2.404 929	73.1 1.932 898	68.4 5.008 930	62.8 8.154 900	57.6 9.537 930	65.5 8.935 10952
3-05	MEAN S D TOTAL OBS	56.6 10.223 930	54.8 9.361 846	60.8 7.735 930	63.0 6.002 897	67.9 4.289 930	71.5 2.487 900	72.2 2.550 930	72.7 2.359 930	72.9 1.911 895	68.0 5.058 930	62.3 8.415 900	57.1 9.655 930	65.0 9.186 10948
6-08	MEAN S D TOTAL OBS	56.4 10.378 929	54.2 9.617 845	60.9 8.100 930	63.4 6.238 895	68.5 4.360 930	72.0 2.499 900	72.7 2.760 930	73.3 2.466 928	73.2 2.003 898	68.3 5.061 930	62.0 8.774 900	56.9 9.787 930	65.2 9.535 10945
9-11	MEAN S D TOTAL OBS	56.3 11.064 930	55.9 10.352 846	62.0 8.257 930	64.4 6.291 897	69.3 4.391 929	72.5 2.657 900	73.3 2.677 928	74.1 2.494 929	74.1 2.089 899	69.4 5.022 930	63.4 8.816 900	59.0 10.020 930	66.4 9.404 10948
12-14	MEAN S D TOTAL OBS	58.5 11.288 930	56.4 9.982 846	62.2 7.954 930	64.5 6.020 900	69.5 4.250 928	72.5 2.780 900	73.4 2.749 930	74.2 2.570 930	74.0 2.293 898	69.3 5.063 930	63.6 8.542 900	59.1 9.568 930	66.5 9.218 10952
15-17	MEAN S D TOTAL OBS	58.4 11.147 930	56.3 9.750 846	62.0 7.663 930	64.3 5.744 900	69.1 4.111 930	72.2 2.770 900	73.0 2.812 929	73.6 2.628 930	73.6 2.044 899	68.9 5.159 930	63.5 8.372 900	59.2 9.058 930	66.2 9.000 10954
18-20	MEAN S D TOTAL OBS	58.3 10.327 930	56.7 8.992 846	61.9 7.521 930	63.8 5.720 900	68.8 4.000 930	71.9 2.685 900	72.7 2.791 930	73.3 2.562 930	73.2 1.987 900	68.8 5.070 930	63.3 7.943 897	59.0 8.809 928	66.0 8.666 10951
21-23	MEAN S D TOTAL OBS	57.8 9.743 930	56.3 8.877 846	61.9 7.397 930	63.9 5.536 900	68.7 4.005 930	71.8 2.562 900	72.6 2.654 930	73.2 2.509 930	73.1 1.849 899	68.6 5.029 930	63.0 8.052 897	58.3 9.163 927	65.8 8.711 10949
ALL HOURS	MEAN S D TOTAL OBS	57.7 10.533 7438	55.8 9.572 6767	61.6 7.777 7440	63.9 5.931 7189	68.8 4.223 7437	72.0 2.641 7200	72.8 2.729 7437	73.4 2.545 7436	73.4 2.059 7186	68.7 5.078 7440	63.0 8.402 7194	58.3 9.519 7435	65.8 9.100 87599





























CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**RELATIVE HUMIDITY**

12026 HOMESTEAD AFB FL 69-70,73-10 ALL  
 STATION STATION NAME PERIOD MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.2	97.3	94.7	85.3	65.3	30.0	7.0	74.3	7430
FEB		100.0	100.0	99.7	97.1	91.9	77.6	56.1	31.7	6.2	71.7	6767
MAR		100.0	100.0	99.8	98.8	94.4	80.9	58.7	33.3	6.4	73.7	7441
APR		100.0	100.0	99.9	99.3	93.4	77.9	49.3	21.9	3.5	71.1	7189
MAY		100.0	100.0	100.0	99.7	98.7	89.5	65.7	32.7	3.6	74.5	7437
JUN		100.0	100.0	100.0	100.0	99.5	95.6	72.4	37.9	3.1	76.4	7471
JUL		100.0	100.0	100.0	100.0	99.6	93.2	66.7	31.7	4.7	76.0	7477
AUG		100.0	100.0	100.0	100.0	99.8	96.1	70.0	33.7	6.6	76.2	7430
SEP		100.0	100.0	100.0	100.0	99.9	98.1	78.9	42.6	3.9	78.0	7190
OCT		100.0	100.0	100.0	99.6	98.7	87.1	64.4	34.0	5.2	74.4	7447
NOV		100.0	100.0	99.8	98.7	95.7	82.6	59.4	29.8	4.2	72.6	7194
DEC		100.0	100.0	99.6	98.2	94.0	81.7	57.6	31.0	4.6	72.0	7475
<b>TOTALS</b>		100.0	100.0	99.8	99.3	96.5	87.1	63.6	33.2	4.9	74.7	87099

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

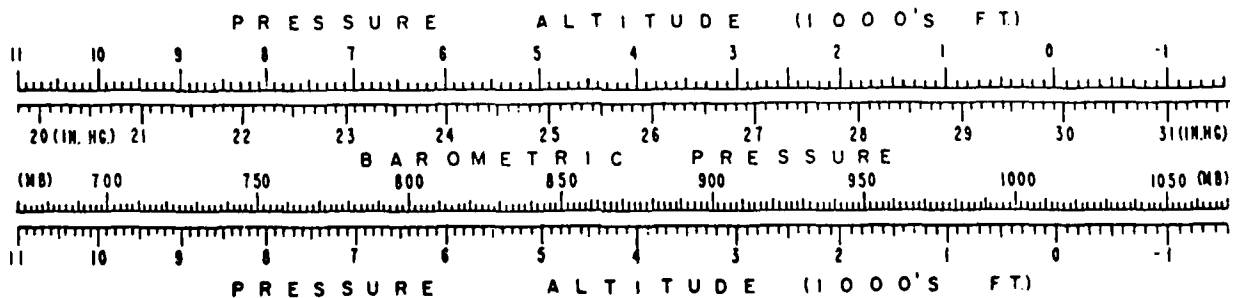
## PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

1929 HOMESTEAD AFB FL

68-70,73-80

HRS (LST)	STATION	STATION NAME	YEARS												ANNUAL
			JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1			MEAN 30.068	30.063	30.028	30.008	29.955	29.976	30.017	29.990	29.937	29.937	30.015	30.061	30.004
			S D .114	.106	.107	.101	.076	.072	.047	.055	.068	.079	.091	.096	.098
			TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	310	3652
4			MEAN 30.051	30.038	29.997	29.982	29.933	29.951	29.993	29.963	29.910	29.915	29.997	30.043	29.981
			S D .116	.106	.108	.100	.077	.071	.047	.056	.070	.079	.092	.097	.099
			TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	310	3652
7			MEAN 30.071	30.067	30.031	30.019	29.968	29.982	30.021	29.991	29.940	29.946	30.027	30.065	30.011
			S D .117	.108	.107	.101	.076	.072	.046	.057	.072	.079	.091	.101	.098
			TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	310	3652
10			MEAN 30.119	30.104	30.066	30.046	29.990	30.005	30.046	30.019	29.971	29.978	30.063	30.106	30.042
			S D .115	.110	.109	.104	.079	.073	.047	.058	.072	.080	.093	.100	.101
			TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	310	3652
13			MEAN 30.067	30.067	30.035	30.020	29.968	29.988	30.032	30.000	29.942	29.935	30.011	30.053	30.009
			S D .118	.111	.112	.108	.082	.073	.048	.057	.073	.081	.094	.102	.100
			TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	310	3652
16			MEAN 30.037	30.024	29.994	29.979	29.930	29.955	29.998	29.965	29.903	29.905	29.984	30.027	29.975
			S D .117	.111	.114	.109	.082	.074	.049	.056	.070	.082	.094	.103	.100
			TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	310	3652
19			MEAN 30.061	30.047	30.011	29.992	29.942	29.966	30.006	29.973	29.922	29.930	30.012	30.055	29.993
			S D .115	.106	.110	.107	.078	.071	.048	.056	.067	.080	.091	.096	.099
			TOTAL OBS 310	282	310	300	310	300	310	310	300	310	298	309	3649
22			MEAN 30.087	30.077	30.043	30.026	29.977	29.998	30.038	30.010	29.959	29.963	30.039	30.080	30.025
			S D .114	.106	.109	.102	.075	.071	.048	.055	.068	.079	.090	.095	.097
			TOTAL OBS 310	282	310	300	310	300	310	310	300	310	299	309	3650
ALL HOURS			MEAN 30.070	30.061	30.026	30.009	29.958	29.978	30.019	29.989	29.935	29.938	30.018	30.061	30.005
			S D .118	.110	.112	.106	.081	.074	.051	.060	.073	.083	.095	.101	.101
			TOTAL OBS 2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2397	2478	29211

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GLOBAL CLIMATOLOGY BRANCH  
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## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

19825 HOMESTEAD AFB FL 68-70,73-80

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN S.D. TOTAL OBS	1019.3 3.904 310	1018.8 3.588 282	1017.6 3.650 310	1016.9 3.416 300	1015.1 2.590 310	1015.8 2.426 320	1017.2 1.572 310	1016.3 1.369 310	1014.5 2.311 300	1014.5 2.662 310	1017.1 3.092 300	1018.7 3.272 310	1016.8 3.312 3652
04	MEAN S.D. TOTAL OBS	1018.4 3.936 310	1017.9 3.610 282	1016.5 3.671 310	1016.0 3.401 300	1014.4 2.610 310	1015.0 2.428 300	1016.4 1.548 310	1015.3 1.895 310	1013.6 2.370 299	1013.7 2.659 310	1016.5 3.145 300	1018.0 3.288 310	1016.0 3.349 3651
07	MEAN S.D. TOTAL OBS	1019.1 3.969 310	1018.9 3.645 282	1017.7 3.655 310	1017.2 3.415 300	1015.5 2.586 310	1016.0 2.458 300	1017.3 1.532 310	1016.3 1.925 310	1014.6 2.426 300	1014.8 2.665 310	1017.5 3.388 300	1018.8 3.398 310	1017.0 3.323 3652
10	MEAN S.D. TOTAL OBS	1020.6 3.920 310	1020.2 3.721 282	1018.9 3.706 310	1018.2 3.542 300	1016.3 2.690 310	1016.8 2.468 300	1018.2 1.563 310	1017.3 1.971 310	1015.6 2.433 300	1015.8 2.710 310	1018.7 3.139 300	1020.2 3.388 310	1018.0 3.439 3652
17	MEAN S.D. TOTAL OBS	1018.9 4.003 310	1018.9 3.754 282	1017.8 3.800 310	1017.3 3.675 300	1015.5 2.771 310	1016.2 2.466 300	1017.7 1.599 310	1016.6 1.942 310	1014.6 2.475 300	1014.4 2.743 310	1017.0 3.194 300	1018.4 3.451 310	1016.9 3.401 3652
16	MEAN S.D. TOTAL OBS	1017.9 3.958 310	1017.5 3.746 282	1016.4 3.855 310	1015.9 3.733 300	1014.2 2.773 310	1015.1 2.493 300	1016.5 1.619 309	1015.4 1.915 310	1013.3 2.349 300	1013.4 2.785 310	1016.1 3.194 300	1017.5 3.380 310	1015.8 3.402 3651
19	MEAN S.D. TOTAL OBS	1018.7 3.903 310	1018.2 3.594 282	1017.0 3.729 310	1016.3 3.639 300	1014.7 2.686 310	1015.5 2.388 300	1016.6 1.595 310	1015.7 1.905 310	1013.9 2.281 299	1014.2 2.697 310	1017.0 3.097 298	1018.4 3.267 309	1016.4 3.358 3648
22	MEAN S.D. TOTAL OBS	1019.6 3.891 310	1019.2 3.596 282	1018.1 3.671 310	1017.5 3.450 300	1015.8 2.567 310	1016.5 2.434 300	1017.9 1.585 310	1017.0 1.870 310	1015.2 2.299 300	1015.3 2.658 310	1017.9 3.045 299	1019.3 3.244 309	1017.4 3.274 3650
ALL HOURS	MEAN S.D. TOTAL OBS	1019.0 4.005 2480	1018.7 3.734 2256	1017.5 3.791 2480	1016.9 3.607 2400	1015.2 2.741 2480	1015.9 2.517 2400	1017.2 1.686 2479	1016.2 2.022 2480	1014.4 2.476 2398	1014.5 2.797 2480	1017.2 3.215 2397	1018.7 3.416 2478	1016.8 3.430 29208

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