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Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MACDILL AFB FL WBAN# 12810
N 27 51 W 082 30 FLD ELEV 13 FT MCF WMO # 74788

PARTS A-F

POR FROM HOURLY OBS: SEP 67 - DEC 70, JAN 73 - AUG 79
POR FROM DAILY OBS : SEP 49 - AUG 79

HOUR CONVERSION GMT TO LST = -5

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FOR THE COMMANDER

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Scientific & Technical
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18. SUPPLEMENTARY NOTES

This supersedes AD-A072039

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

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

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

This report is a six-part statistical summary of surface weather observations for MacDill AFB, Tampa Bay, Florida

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

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

* Florida * MacDill 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 occurrence tables.

U S AIR FORCE
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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

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

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

S74-29858

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
12810	MacDill AFB Florida/Tampa	N 27 51	W 082 30	13 ft.	MCF	74788

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	MacDill AFB Florida	AFB	Sep 49	Feb 57	N 27 51	W 082 30	9 ft.	12 ft.	24
2	Same	Same	Mar 57	Aug 79	Same	Same	13 ft.	27 ft.	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	Sep 49	N/A	GMQ-1A	N/A	N/A	
2	Apr 53	Located on top of base hangar.	GMQ-1	ML-144	77 ft.	
3	Apr 54	Same	Same	ML-144B	65 ft.	
4	Apr 55	Same	Selsyn	ML-144	75 ft.	
5	Apr 58	Located about mid point of East side of taxiway which parallels rnwy 04/22.	GMQ-11	RO-2	13 ft.	
6	Apr 59	Located 750 ft SE of the centerline on the midpoint of rnwy 04/22.	Same	Same	13 ft.	
7	Apr 60	Located SE side of rnwy 04/22 and 500 ft. off rnwy parallel to center point.	Same	Same	Same	

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
8	Oct 65	1. Located 500 ft W. of centerline and 1000 ft fro[illegible] end of rnwy 04.	GMQ-11	RO-2	13 ft.	
		2. Located 600 ft E. of centerline and 1000 ft from end of rnwy 22.	Same		Same	
9	Apr 70	1. Same	Same	RO-362	Same	
		2. Same	Same		Same	
10	Jul 70	1. Same	Same	Same	Same	
		2. Located 500 ft E. of centerline and 1000 ft from end of rnwy 22.	Same		Same	
11	Jan 75	1. Same	GMQ-20	Same	Same	
		2. Same	Same		Same	
12	Aug 79	1. Same	Same	Sam[illegible]	Same	
		2. Same	Same		Same	

MAC-6 AFB, [illegible]

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PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, r . 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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12610 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.2	4.8		.1		4.9	13.3	4.7			15.5	930
	03-05		3.9		.2		4.1	19.4	7.8			21.8	930
	06-08	.2	5.2		.3		5.5	24.5	14.4		.1	32.6	930
	09-11	1.0	4.8				4.8	16.8	17.2			29.5	930
	12-14	.3	4.4				4.4	4.6	6.4			12.0	930
	15-17	.6	3.7				3.7	1.7	4.2			5.5	930
	18-20	.1	4.7				4.7	3.2	4.2			6.3	930
	21-23	.2	4.1				4.1	7.7	3.2			9.4	930
TOTALS		.3	4.5		.1		4.5	11.4	8.0		.0	16.6	7440

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		4.5				4.5	9.2	3.7		.1	10.8	845
	03-05	.4	4.4				4.4	12.8	3.1		.4	14.4	846
	06-08	1.1	5.7				5.7	20.3	13.2			27.9	846
	09-11	.7	5.7				5.7	10.8	17.5			23.4	846
	12-14	.7	4.4				4.4	3.1	5.6		.2	7.7	846
	15-17	.6	5.9				5.9	2.1	4.1			5.2	845
	18-20	.5	5.7				6.7	3.3	3.2			5.9	846
	21-23	.1	5.8				5.8	5.4	2.5			7.0	846
TOTALS		.5	5.4				5.4	8.4	6.6		.1	12.8	6767

632

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12810 (STATION) MACDILL AF8 FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.2	3.9				3.9	7.6	1.8			8.7	929
	03-05	.5	3.7				3.7	11.3	3.7			12.7	930
	06-08	.4	3.2				3.2	20.1	15.4			28.0	930
	09-11	.9	4.0				4.0	6.5	12.3			16.5	930
	12-14	.5	4.0				4.0	.9	3.3			4.0	930
	15-17	1.1	4.2				4.2	2.0	3.3			4.9	930
	18-20	1.4	5.7				5.7	2.7	3.3			5.7	930
	21-23	.6	4.3				4.3	4.1	1.3			5.2	930
TOTALS		.7	4.1				4.1	6.9	5.6			10.7	7439

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WEATHER CONDITIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OP SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.1	1.1				1.1	1.9	3.6			4.2	900
	03-05	.2	1.6				1.6	5.8	5.8			8.8	900
	06-08	.3	2.0				2.0	11.9	18.8			24.4	900
	09-11	.7	1.9				1.9	1.8	7.8			8.6	900
	12-14	.4	1.2				1.2		3.1			3.1	900
	15-17	.4	1.3				1.3	.1	1.9			1.9	899
	18-20	.2	1.3				1.3	.6	2.6			2.9	900
	21-23	.2	1.3				1.3	.6	2.0			2.4	900
TOTALS		.3	1.5				1.5	2.8	5.7			7.0	7199

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.4	1.5				1.5	1.4	2.6			3.3	930
	03-05	1.1	3.2				3.2	3.5	6.7			8.8	930
	06-08	.9	2.9				2.9	12.4	28.6			33.7	930
	09-11	1.8	3.8				3.8	1.6	13.4			14.0	930
	12-14	1.7	5.5				5.5	.4	5.6			5.9	930
	15-17	4.1	4.9				4.9	.1	3.8			3.8	930
	18-20	4.0	5.6				5.6		3.3			3.3	930
	21-23	1.6	3.0				3.0		1.0			1.0	930
TOTALS		2.0	3.8				3.8	2.4	8.1			9.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (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	1.4	3.9				3.9	.6	2.2			2.7	900
	03-05	1.3	3.0				3.0	2.7	5.3			6.8	900
	06-08	1.1	2.8				2.8	8.7	19.6			23.0	900
	09-11	2.0	3.9				3.9	1.4	9.3			10.0	900
	12-14	.8	4.2				4.2		9.1			9.1	900
	15-17	10.2	9.0				9.0		7.9			7.9	900
	18-20	10.6	9.4				9.4	.1	5.1			5.1	900
	21-23	4.8	6.1				6.1	.1	1.2			1.3	900
TOTALS		4.7	5.3				5.3	1.7	7.5			8.2	7200

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (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	.5	1.1				1.1	.6	2.4			2.8	930
	03-05	.9	1.1				1.1	1.4	3.9			4.6	930
	06-08	1.0	2.0				2.0	4.9	16.2			18.0	930
	09-11	2.9	2.8				2.8	.3	8.4			8.5	930
	12-14	11.0	6.9				6.9	.1	6.6			6.7	930
	15-17	15.5	11.8				11.8		4.7			4.7	930
	18-20	12.4	11.8				11.8		4.2			4.2	930
	21-23	5.4	7.2				7.2		1.7			1.7	930
TOTALS		6.2	5.6				5.6	.9	6.0			6.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12810 STATION | MACDILL AFB FL STATION NAME | 68-70,73-79 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	2.7	4.6				4.6	.8	2.6			3.1	929
	03-05	.8	2.2				2.2	2.5	5.7			6.8	930
	06-08	1.4	2.2				2.2	7.0	17.0			20.1	930
	09-11	4.2	4.4				4.4	1.4	8.4			8.6	930
	12-14	9.8	8.0				8.0	.3	4.4			4.6	930
	15-17	17.3	12.3				12.3	.3	2.9			3.2	930
	18-20	18.6	14.2				14.2		2.5			2.5	927
	21-23	4.6	6.4				6.4	.3	2.3			2.6	926
TOTALS		7.4	6.6				6.8	1.6	5.7			6.4	7432

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
SEP	00-02	1.2	1.8				1.8	.8	2.4			2.4	899
	03-05	.9	2.3				2.3	3.4	6.4			7.6	900
	06-08	.9	3.2				3.2	7.8	22.7			24.9	900
	09-11	1.8	2.6				2.6	2.7	12.7			13.4	900
	12-14	5.6	5.7				5.7	.2	5.3			5.6	900
	15-17	10.6	9.8				9.8	.1	2.6			2.9	900
	18-20	7.3	11.0				11.0	.1	2.1			2.2	900
	21-23	3.4	6.2				6.2	.2	1.1			1.1	900
TOTALS		4.0	5.3				5.3	1.9	6.9			7.5	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		3.2				3.2	1.4	1.5			2.5	930
	03-05	.5	2.6				2.6	4.4	6.1			8.1	930
	06-08	.1	2.9				2.9	12.3	20.0			24.4	930
	09-11	.3	2.2				2.2	3.8	11.3			12.6	930
	12-14	.3	3.8				3.8	.1	1.8			1.9	930
	15-17	1.6	4.4				4.4	.1	1.5			1.6	930
	18-20	1.7	5.0				5.0	.2	.6			.9	929
	21-23	.3	4.0				4.0	.3	.2			.5	930
TOTALS		.7	3.5				3.5	2.8	5.4			6.6	7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.3	1.8				1.8	7.1	3.7			8.4	900
	03-05		2.2				2.2	11.3	6.1			14.0	900
	06-08		1.2				1.2	22.2	16.8			30.3	900
	09-11		1.1				1.1	11.0	12.0			17.9	900
	12-14	.3	2.6				2.6	1.1	5.8			6.1	900
	15-17		2.6				2.6	.6	1.8			2.0	900
	18-20	.6	3.4				3.4	1.3	2.2			3.0	900
	21-23	.3	2.9				2.9	4.4	2.6			5.7	900
TOTALS		.2	2.2				2.2	7.4	6.4			10.9	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.8	5.6				5.6	9.0	1.4			9.4	930
	03-05	.2	5.6				5.6	12.6	5.5		.1	15.7	930
	06-08	.3	6.2				6.2	19.4	11.3			24.6	930
	09-11	.6	7.6				7.6	11.9	11.5		.1	20.4	930
	12-14	1.0	6.2				6.2	4.0	3.5		.2	7.8	930
	15-17	.9	5.5				5.5	2.9	2.7			4.7	930
	18-20	.2	5.4				5.4	4.5	1.6			5.2	928
	21-23		4.3				4.3	7.7	.9			7.7	927
TOTALS		.5	5.8				5.8	9.0	4.8		.1	11.8	7435

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-79 (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	.3	4.5		.1		4.5	11.4	8.0		.0	16.6	7440
FEB		.5	5.4				5.4	8.4	6.6		.1	12.8	6767
MAR		.7	4.1				4.1	6.9	5.6			10.7	7439
APR		.3	1.5				1.5	2.8	5.7			7.0	7199
MAY		2.0	3.8				3.8	2.4	8.1			9.2	7440
JUN		4.7	5.3				5.3	1.7	7.5			8.2	7200
JUL		6.2	5.6				5.6	.9	6.0			6.4	7440
AUG		7.4	6.8				6.8	1.6	5.7			6.4	7432
SEP		4.0	5.3				5.3	1.9	6.9			7.5	7199
OCT		.7	3.5				3.5	2.8	5.4			6.6	7439
NOV		.2	2.2				2.2	7.4	6.4			10.9	7200
DEC		.5	5.8				5.8	9.0	4.8		.1	11.8	7435
TOTALS		2.3	4.5		.0		4.5	4.8	6.4		.0	9.5	87630

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.

S74-29960

DATA PROCESSING BRANCH
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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

12810 (STATION) MACDILL AFB FL (STATION NAME) 49-79 (YEARS) ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	3.8	28.3		.3		28.5	43.8	41.9			56.8	930
FEB		6.3	32.2		.1	.1	32.2	35.8	35.2		.1	50.5	847
MAR		8.2	29.9			.2	29.9	34.1	33.0			46.6	930
APR		9.2	24.7			.1	24.7	21.1	26.8			35.1	900
MAY		18.7	31.7			.1	31.7	15.9	34.1			36.7	930
JUN		45.2	52.3			.3	52.3	11.1	27.1		.1	29.4	900
JUL		65.4	63.7			.1	63.8	6.6	15.7			18.8	930
AUG		65.7	67.8			.1	67.8	8.8	21.1			24.0	930
SEP		38.4	57.8				57.8	14.2	33.4		.1	37.1	887
OCT		8.9	32.6				32.6	21.9	31.1			37.1	930
NOV		3.8	25.1				25.1	31.1	35.5			46.4	899
DEC		3.8	29.5				29.5	36.5	34.0			49.1	930
TOTALS		23.1	39.6		.0	.1	39.7	23.3	30.7		.0	39.0	10943

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

1 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL 49-79
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	1 01-2 50	2 5 5 00	5 01 10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25-36	37 48	49 60	61-120	OVER 120					
JAN	71.3	7.7	2.3	3.8	2.4	4.3	3.9	2.8	1.5	.1				21.0	930	2.27	7.23	TRACE
FEB	67.2	9.3	1.7	3.1	3.3	3.5	4.5	4.7	2.5	.2				23.5	847	2.94	8.52	.32
MAR	69.1	9.5	1.7	4.1	1.5	3.1	4.4	3.7	2.7	.2				21.4	930	2.99	8.14	.05
APR	74.9	9.7	.9	3.7	2.0	3.0	2.4	1.9	1.4	.1				15.4	900	1.60	5.21	.00
MAY	67.6	11.3	1.5	3.5	2.8	3.2	3.4	3.8	2.5	.2	.1			21.1	930	3.10	11.24	TRACE
JUN	47.4	15.8	2.2	7.0	4.1	7.1	6.9	4.9	4.2	.2		.1		36.8	899	4.86	17.23	1.01
JUL	35.3	15.2	2.6	8.5	6.6	9.7	8.5	6.3	6.5	.5	.2			49.6	930	7.05	19.00	1.80
AUG	31.6	17.3	3.0	8.1	5.5	10.2	9.5	7.1	7.2	.5				51.1	930	7.21	14.08	1.23
SEP	41.8	16.2	2.7	8.1	4.1	7.8	7.6	6.1	4.4	1.1	.1			42.0	900	5.72	11.77	.76
OCT	66.1	12.4	1.5	4.8	3.4	3.7	2.7	3.7	1.4	.3				21.5	930	2.49	6.67	.10
NOV	74.3	9.4	1.7	3.4	1.9	3.3	2.8	2.1	.8	.1	.1			16.2	900	1.66	6.79	TRACE
DEC	70.4	8.7	2.8	3.7	3.2	3.4	2.8	2.8	1.7	.4				20.9	930	2.39	7.17	.11
ANNUAL	59.7	11.9	2.1	5.1	3.4	5.2	4.9	4.2	3.1	.3	.0	.0		28.4	10956	44.28	XXXX	XXXX

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

12810 (STATION) MACDILL AFB FL (STATION NAME) 49-79 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49									4.26	.77	.53	.07	
50	TRACE	.28	1.16	.83	.72	1.07	1.88	1.56	3.80	.57	.19	1.62	3.80
51	.08	.69	1.02	2.99	.19	.50	1.83	1.32	3.80	1.62	2.16	.40	3.80
52	.49	1.53	1.69	.33	1.08	1.47	.71	.38	1.12	1.83	1.49	.31	1.83
53	1.70	.85	1.97	1.32	TRACE	2.22	1.41	.97	2.56	.63	2.90	1.67	2.90
54	.84	.87	.87	.80	.76	1.22	1.52	1.76	.80	2.02	1.78	.72	2.02
55	.77	.84	.69	.58	1.37	1.30	1.13	2.60	1.81	3.70	1.09	.17	3.70
56	.13	.90	.05	1.18	1.26	.48	2.52	2.31	1.01	2.27	.31	.20	2.52
57	.88	2.05	1.71	2.22	1.75	2.02	3.83	2.05	1.53	2.64	.73	1.15	3.83
58	1.72	3.50	.96	1.22	.75	2.13	1.45	1.44	.46	.90	.30	.92	3.50
59	1.65	1.17	2.36	1.11	1.58	2.91	2.25	1.61	1.10	.90	.68	3.19	3.19
60	.45	1.11	.89	.26	.39	.53	7.29	.70	3.35	.81	TRACE	.38	7.29
61	1.12	.78	2.61	.44	.79	.35	2.43	1.93	1.61	.10	.11	2.20	2.61
62	.55	1.57	1.42	1.38	1.39	1.79	.89	2.87	6.03	.55	.84	.42	6.03
63	.89	2.36	.78	.26	1.29	.87	2.06	1.05	.96	.10	5.06	1.35	5.06
64	4.30	1.35	2.72	.51	1.75	.69	1.27	1.54	1.20	2.44	.12	1.01	4.30
65	.92	1.45	.37	1.33	.35	1.72	5.15	1.72	1.46	.54	.75	1.19	5.15
66	1.13	.81	1.44	1.49	.41*	1.47	2.27	.74	1.26	.92	.33	.25	2.27
67	.56	1.41	.33	.00	.76	1.34	1.52	3.67	1.39	1.94	.20	1.20	3.67
68	.34	1.09	.51	.53	1.54	2.30	2.79	1.53	2.87	1.94	1.89	.37	2.87
69	2.26	1.33	2.18	.41	1.97	.93	1.04	1.97	1.28	2.03	.88	3.09	3.09
70	1.40	1.74	1.67	.24	2.24	2.32	1.15	2.49	.84	.64	.30	.76	2.49
71	.25	2.46	.30	.49	2.75	.48	1.68	2.18	2.57	2.32	.94	.86	2.75
72	.49	2.74	1.23	.45	.52	3.15	.80	2.12	2.61	1.51	1.27	2.56	3.15
73	1.89	.79	1.66	1.25	.39	.86	2.41	3.15	2.18	.17	.96	2.02	3.15
74	.24	.27	.78	.30	.71	10.74	1.48	1.29	2.66	.11	.07	1.47	10.74
75	.39	.97	.63	.22	1.19	1.69	1.85	1.64	1.24	3.07	.30	.51	3.07
76	.15	.22	1.76	1.28	4.17	1.71	1.17	.78	1.38	.58	1.69	.31	4.17
77	.87	.80	.27	.21	1.08	1.80	3.09	1.16	1.32	.30	.81	.57	3.09
78	.87	1.62	1.08	.36	1.29	.99	1.77	1.88	.18	.12	.03	1.25	1.88
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-86-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL 49-79
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
79	2.27	.82	1.71	.25	7.40	.78	1.40	2.85					
MEAN	.987	1.279	1.227	.808	1.395	1.737	2.068	1.775	1.955	1.268	.957	1.070	3.773
S.D.	.893	.748	.718	.667	1.414	1.385	1.360	.771	1.288	.987	1.053	.851	1.828
TOTAL OBS.	930	847	930	900	930	899	930	930	900	930	900	930	10956

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

12810 (STATION) MACDILL AFB FL (STATION NAME) 49-79 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP.	OCT.	NOV	DEC	ALL MONTHS
49									8.08	1.54	.92	.11	
50	TRACE	.40	4.09	1.69	1.24	3.81	11.00	7.30	9.60	1.65	.44	4.95	46.17
51	.16	1.41	2.05	4.52	.33	1.03	5.93	4.48	11.77	1.70	3.16	1.20	37.74
52	.70	4.39	5.51	.68	2.19	2.43	4.47	1.23	4.65	6.67	1.85	.53	35.30
53	2.19	1.89	3.49	2.78	TRACE	6.97	2.88	3.64	10.43	1.59	4.90	4.36	45.12
54	1.60	1.54	1.45	1.75	3.25	3.38	7.83	5.90	3.89	2.18	2.29	1.99	37.05
55	2.07	1.10	1.42	.82	2.10	4.34	6.25	5.39	8.73	4.75	2.70	.49	40.17
56	.24	1.49	.05	1.79	1.62	1.64	6.98	7.35	4.57	4.73	.47	.27	31.20
57	.92	3.47	4.11	5.21	7.13	6.09	8.14	9.97	7.41	3.70	1.80	1.71	59.66
58	6.39	4.42	4.80	4.28	1.50	6.68	5.09	7.35	1.35	3.39	.95	2.97	49.17
59	3.06	2.30	8.14	2.34	6.74	5.42	6.95	8.28	5.43	4.93	2.21	7.17	62.97
60	1.01	3.67	3.45	.90	.61	2.10	19.00	2.91	6.47	1.56	TRACE	.93	42.61
61	2.83	1.75	3.28	1.11	1.77	1.01	5.58	8.98	3.53	.16	.19	3.86	34.05
62	1.43	2.07	4.75	2.63	3.05	5.73	3.58	11.44	10.78	.99	1.93	.76	49.14
63	2.53	8.52	1.92	.27	3.23	3.83	9.25	5.54	3.30	.10	6.79	2.61	47.89
64	7.23	6.34	4.92	.56	3.49	2.87	6.85	6.12	2.48	3.25	.12	1.65	45.88
65	2.46	3.11	1.07	2.85	.47	9.06	15.55	4.59	8.08	1.55	.90	2.60	52.29
66	4.51	3.08	2.20	1.74	.95*	4.20	6.05	4.85	3.83	1.89	.59	.79	*36.68
67	1.42	3.60	.76	.00	1.46	5.88	6.33	11.44	3.53	2.91	.21	1.82	39.36
68	.60	2.47	1.19	.63	6.19	11.05	9.84	5.15	7.59	3.78	3.26	.57	52.32
69	3.25	2.19	5.40	.41	6.06	4.00	5.14	12.18	2.65	6.51	1.35	5.84	54.98
70	2.96	3.65	6.97	.42	4.61	4.95	3.99	8.91	2.57	1.51	.53	1.19	42.26
71	.56	5.00	.97	.91	2.86	1.78	6.16	8.62	10.27	4.96	1.84	1.03	44.96
72	.93	5.56	2.28	.45	2.00	4.35	1.80	7.64	2.94	1.80	4.25	2.86	36.86
73	5.93	2.20	3.43	4.32	.81	1.99	9.59	7.65	7.02	.35	1.40	7.15	51.84
74	.72	.77	2.07	.63	1.47	17.23	5.16	9.22	5.82	.12	.13	3.39	46.73
75	1.45	2.45	1.49	.37	3.54	8.22	8.76	6.34	3.91	4.79	.46	.92	42.70
76	.34	.32	2.11	2.72	7.12	5.56	4.33	5.34	2.95	.66	2.46	1.32	35.23
77	2.31	2.62	.47	.37	2.24	4.40	8.61	4.69	5.27	.61	1.68	3.37	36.64
78	2.68	5.16	2.66	.43	3.78	3.52	5.61	9.82	.76	.31	.03	3.19	37.95
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AIR 44 0-83-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL 49-79
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
79	5.52	1.29	3.05	.49	11.24	1.53	4.68	14.08					
MEAN	2.267	2.941	2.985	1.602	3.102	4.857	7.046	7.213	5.722	2.488	1.660	2.387	44.223
S.D.	1.939	1.864	1.954	1.459	2.578	3.412	3.535	2.915	3.010	1.927	1.596	1.949	7.929
TOTAL OBS.	930	847	930	900	930	899	930	930	900	930	900	930	10956

NOTE: * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 66 0-88-5 (OLA)

1 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

12810 STATION | MACDILL AFB FL STATION NAME | 49-79 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	05 10	11 25	26 50	51 100	1 01-2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5-10 4	10 5 15 4	15 5 25 4	25 5-50 4	OVER 50 4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37-48	49 60	61-120	OVER 120					
JAN	99.7	.3													930	TRACE	TRACE	.0
FEB	99.9	.1													847	TRACE	TRACE	.0
MAR	100.0														930	.0	.0	.0
APR	100.0														900	.0	.0	.0
MAY	100.0														930	.0	.0	.0
JUN	100.0														900	.0	.0	.0
JUL	100.0														930	.0	.0	.0
AUG	100.0														930	.0	.0	.0
SEP	100.0														900	.0	.0	.0
OCT	100.0														930	.0	.0	.0
NOV	100.0														900	.0	.0	.0
DEC	100.0														930	.0	.0	.0
ANNUAL	100.0	.0													10957	.0		

1210 WS FORM JUL 44 0-15-5 (OL I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

12810 STATION | MACDILL AFB FL STATION NAME | 49-79 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC	ALL MONTHS
49									.0	.0	.0	.0	
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
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	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL 49-79
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
79	.0	.0	.0	.0	.0	.0	.0	.0					
MEAN	TRACE	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRACE
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL 49-79
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49									.0	.0	.0	.0	
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
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	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AIR 64 0-8-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

12810 (STATION) MACDILL AFB FL (STATION NAME) 49-79 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR	MAY	JUN	JUL.	AUG	SEP	OCT.	NOV.	DEC.	ALL MONTHS
79	.0	.0	.0	.0	.0	.0	.0	.0					
MEAN	TRACE	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRACE
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE- * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OLA).

1 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL 49-79
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	101 250	251 500	501 1000	1001 2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														930			
FEB	100.0														847			
MAR	100.0														930			
APR	100.0														900			
MAY	100.0														930			
JUN	100.0														900			
JUL	100.0														930			
AUG	100.0														930			
SEP	100.0														900			
OCT	100.0														930			
NOV	100.0														900			
DEC	100.0														930			
ANNUAL	100.0														10957			

1210 WS FORM JUL 44 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL 49-79
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC.	ALL MONTHS
49									0	0	0	0	
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
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
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL 49-79
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
79	0	0	0	0	0	0	0	0					
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	930	84*	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OTA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

A separate category is provided on the form for variable winds, which are reported in some data sources. In those 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.

74-29081

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

12810 (STATION) MACDILL AF8 FL (STATION NAME) 49-79 (YEARS)

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV	DEC.	ALL MONTHS
49									ESE 33	ESE 27	NNW 29	NE 26	
50	ENE 27	ENE 27	SW 33	NNW 30	ENE 33	NE 33	SE 42	SE 40	SW *48				
51												SW *21	
52	NNW *38	WNW 43	S 36	WSW 45	SSW 33	ENE *34	SE *50	WSW 37	E 32	NNE 54	NW 32	SW 38	NNE 54
53	NNW 36	WSW 49	N 46	SSW 49	NE 32	SSE 44	SSW 32	SE 43	SSW *40	NE 53	N 36	N 43	NE 53
54	NNW 43	NW 60	NW 46	S 45	S 44	NNE 26	NNW 36	NNW 40	SE 42	N 36	NNW 36	NE 32	NW 60
55	NNW 39	NW 41	NW 41	SSE 33	NNE 31	SW 32	S 39	SSW 50	NE 44	SW 38	S 45	N 39	SSW 50
56	NW *44	S 38	NW 39	SSW 48	SE 35	SSE 37	SSW 44	S 35	SW 36	SW 35	SW 22	NW 30	SSW 48
57	NW 24	NNW 22	SW 45	N 26	ENE 25	S 31	WSW 23	E 25	ENE 25	ENE 18	WNW 24	NW 30	SW 45
58	SSE 32	WNW 30	WNW 26	NW 38	NW 30	E 25	NE 20	SSE 45	SE 25	NNE 22	N 18	S 20	SSE 45
59	S 36	SSW 26	NW 30	N 26	S 27	S 36	ESE 36	SE 26	E 28	W 24	SSE 37	NW 24	SSE 37
60	W 20	W 30	S 37	SSW 32	W 22	ENE 24	SSW 43	E 40	NW 75	SW 25	NE 20	WNW 31	NW 75
61	NNW 33	W 42	NW 34	SW 36	WSW 25	SE 28	SE 32	SSW *28	N *36	NE *27	WSW *31	NW *28	W 42
62	WSW 30	NNW 25	N 36	SSW 23	NE 28	WSW 27	S 19	ENE 24	SE 29	SSE 25	NW 28	NW 37	NW 37
63	W 32	S 65	WSW 45	W 30	E 26	E 38	NE 58	E 33	SSW 41	ENE 28	NNW 32	E 33	S 65
64	NW 34	S *30	W 26	N 25	WSW 28	S *48	SE 25	NW 30	SW 35	SE 26	NNW 26	NNE 24	S *48
65	WNW 30	E 36	W 32	SE 29	ENE 24	SSE 41	SSE 35	SSW 28	NE 45	ENE *30	NW 33	W 27	NE 45
66	NNW 36	SW 42	W 30	W 37	SSW 28	E 54	SSE 25	SSW 26	WNW 30	E 27	NW 33	NW 29	E 54
67	NW 30	SSW 37	NE 29	SSE 32	SW 28	S 34	W 36	SE 36	NE 29	S 26	NNE 21	NNW 36	SSW 37
68	SW 26	WNW 38	S 32	WNW 25	S 32	E 37	14/ 36	13/ 36	9/ 36	18/ 47	20/ 46	30/ 35	18/ 47
69	13/ 23	27/ 40	18/ 35	7/ 28	8* 42	14/ 37	10/ 40	19/ 40	12* 32	11/ 31	33/ 39	32/ 37	8* 42
70	26/ 32	23/ 38	24/ 32	14/ 31	10/ 33	25/ 45	22/ 34	14/ 32	3/ 34	4/ 24	33/ 25	19/ 27	25/ 45
71	1/ 27	21/ 43	29/ 40	21/ 34	23/ 30	16/ 34	19/ 42	5* 44	7/ 73	21/ 30	5/ 25	5/ 33	7/ 73
72	3/ 24	32/ 37	21/ 48	5/ 27	3/ 40	9/ 39	10/ 35	8/ 33	35/ 29	5/ 33	23/ 30	21/ 44	21/ 48
73	21/ 35	30/ 34	30/ 42	17/ 40	33/ 40	5/ 40	6/ 36	7/ 42	14/ 32	6/ 29	3/ 26	26/ 36	30/ 42
74	5/ 23	21/ 32	33/ 24	9/ 26	7/ 30	16/ 48	12/ 37	8/ 55	17/ 26	6/ 30	29/ 28	11/ 30	8/ 55
75	32/ 29	21/ 28	27/ 34	25/ 34	15/ 37	34/ 34	26/ 34	18/ 46	22/ 34	26/ 38	33/ 28	10/ 27	18/ 46
76	32* 32	26/ 31	27/ 31	34/ 34	11/ 48	26/ 36	34/ 34	25/ 30	9/ 21	21/ 28	24/ 21	31/ 28	11/ 48
77	21/ 31	23/ 40	4/ 21	32/ 29	30/ 22	7/ 45	18/ 50	9/ 35	19/ 36	5/ 24	32/ 23	35/ 26	18/ 50
78	30/ 37	16/ 28	12/ 26	30/ 23	21/ 41	1/ 43	36/ 30	5/ 40	16/ 31	9/ 21	4/ 19	24/ 37	1/ 43
MEAN													
S D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM 0-88-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

12813 MACDILL AFB FL 49-79
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
79	20/ 37	29/ 31	33/ 33	11/ 26	24/ 38	2/ 31	15/ 38	23/ 49					
MEAN	51.0	36.9	34.8	32.4	31.8	36.3	35.4	36.9	36.0	30.7	29.0	31.8	48.9
S.D.	5.667	9.761	7.173	7.327	6.613	7.325	8.439	8.059	12.886	9.133	7.472	5.962	9.985
TOTAL OBS.	881	814	896	868	885	846	891	891	827	849	615	855	10318

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 44 0-88-5 (OLA)

$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.6	5.5	3.7	.5								16.2	4.8
NNE	2.9	4.4	3.2	.4								11.0	5.4
NE	2.5	3.5	2.9	.9								9.8	5.9
ENE	1.9	3.5	4.5	.3	.1							10.4	6.3
E	1.7	4.6	1.7									8.1	4.9
ESE	1.2	1.8	1.0									4.0	5.1
SE	.4	1.8	1.3	.4								4.0	6.8
SSE	.9	1.0	1.1	.1								3.0	5.9
S	1.2	2.2	.6	.4	.1							4.5	5.8
SSW	.8	.8	.3	.2								2.0	4.9
SW	.1	.3	.1									.5	4.8
WSW	.3	.1										.4	3.3
W	.5	.3	.6	.6								2.2	7.9
WNW	.5	.4	.6	.4								2.0	7.2
NW	.2	.4	1.5	.5								2.7	8.4
NNW	1.5	1.7	2.3	.6	.1							6.2	6.4
VARBL													
CALM												12.9	
	23.2	32.5	25.5	5.6	.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8151

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	6.2	4.3	.9								15.2	5.5
NNE	4.8	5.1	3.9	.4								14.2	5.1
NE	2.4	4.7	3.5	.8								11.4	5.9
ENE	1.6	3.4	3.0	.2								8.3	5.8
E	1.9	4.8	1.3	.2								8.3	4.8
ESE	.5	2.8	1.7	.3								5.4	6.2
SE	.8	1.7	1.3	.2								4.0	6.2
SSE	.9	1.6	1.6	.3								4.4	6.5
S	1.0	.9	.9	.5								3.2	6.4
SSW	.3	.9	.2	.4								1.8	5.6
SW	.1	.5	.2									.9	5.0
WSW	.4	.2										.6	3.2
W	.4	.3	.3	.1								1.2	5.6
WNW	.8	.1	.3	.4	.3							1.9	8.4
NW	.9	.9	.8	1.0	.1	.1						3.7	8.2
NNW	.6	1.4	1.3	.2								3.5	6.2
VARBL													
CALM												12.0	
	21.2	35.6	24.6	6.0	.4	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.3	5.4	3.2	.6								14.5	5.1
NNE	4.1	5.5	3.7	.2								13.5	4.9
NE	2.2	4.1	4.2	1.4								11.8	6.6
ENE	3.0	4.1	2.8	.3								10.2	5.0
E	2.9	4.6	1.1	.2								8.8	4.5
ESE	1.2	2.5	.9									4.5	4.8
SE	1.0	1.9	2.3	.4								5.6	6.6
SSE	.9	1.6	2.4	.6		.1						5.6	7.3
S	.8	1.4	1.0	.4	.1							3.7	6.8
SSW	.3	.6	.2									1.2	5.0
SW	.2	.2	.1									.5	4.6
WSW	.2	.5										.8	4.0
W	.3	.3	.3	.1								1.1	6.3
WNW	.2	.2	.4	.1								1.0	7.9
NW	.1	.4	.5	1.6	.3							3.0	12.0
NNW	.8	.9	1.3	.6								3.6	7.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.7	
	23.4	34.3	24.3	6.8	.4	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 929

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

8152

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	4.1	6.9	.5								12.9	5.9
NNE	1.4	2.8	4.5	.5								9.2	6.6
NE	.3	2.4	6.8	2.7								12.2	8.7
ENE	1.2	2.7	5.1	2.2								11.1	8.1
E	1.0	3.1	2.4	.3								6.8	6.1
ESE	.8	2.0	3.2	.2								6.2	6.7
SE	1.1	2.2	3.3	.9								7.4	6.9
SSE	1.0	3.7	1.2	1.2								7.0	6.5
S	1.7	1.8	1.6	.9								6.0	6.4
SSW	.5	1.3	1.0	.8	.1							3.7	7.6
SW	.2	.5	.4	.3								1.5	7.2
WSW	.5	.5	.1	.1								1.3	4.7
W	.5	.4	.5	.2	.1	.1						1.9	8.0
WNW	.3	.6	.3	.4	.2							1.9	8.7
NW	.2	.4	1.1	1.2	.1							3.0	9.8
NNW	.2	1.0	2.0	1.3								4.5	8.8
VARBL													
CALM												3.3	
	12.4	29.6	40.4	13.7	.5	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.4	2.6	.6								6.5	6.8
NNE	.5	1.6	2.9	.3								5.4	7.1
NE	.5	.8	3.8	1.9								7.0	8.8
ENE	.1	1.4	3.1	1.6								6.2	8.9
E	.3	1.7	3.1	1.3								6.5	8.3
ESE	.1	.3	1.6	.2								2.3	8.2
SE	.2	1.9	1.8	.2								4.2	6.7
SSE	2.2	2.3	1.7	.5								6.7	5.5
S	1.2	2.3	2.5	1.3	.2							7.4	7.5
SSW	.5	1.7	2.9	1.8	.4							7.4	9.0
SW	.9	2.2	1.5	.6								5.2	6.7
WSW	1.7	2.9	.4	.1								5.2	4.4
W	2.6	4.1	.3	.6	.1							7.7	5.0
WNW	.2	1.2	1.4	.9	.2							3.9	8.7
NW	.5	1.4	3.7	1.6	.3							7.5	8.8
NNW	.4	3.3	4.0	1.7	.3							9.8	8.2
VARBL													
CALM												1.3	
	12.9	31.4	37.3	15.5	1.6							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

8153

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	1.6	.2								3.9	6.3
NNE	.3	1.7	2.5	.3								4.8	6.8
NE	.1	1.9	3.2	.9	.2							6.3	8.4
ENE	.8	1.4	3.2	1.0	.1							6.5	7.9
E		.9	2.3	1.3	.1							4.5	9.4
ESE	.1	.5	.9									1.5	6.1
SE	.3	.9	1.0	.1								2.3	6.6
SSE	.4	.3	.3	.2								1.3	5.8
S	.9	.9	.9	1.5	.3							4.4	8.8
SSW	.5	2.9	3.3	1.5	.2							8.5	8.1
SW	1.3	2.7	5.6	1.1	.1							10.8	7.3
WSW	1.5	3.0	.8	.1								5.4	4.9
W	2.4	3.1	1.0	.2	.1							6.8	5.0
WNW	.6	1.6	1.9	1.2	.3	.1						5.8	8.7
NW	.6	4.7	5.8	3.3	.4							14.9	8.6
NNW	1.4	3.3	4.9	1.1	.3							11.1	7.4
VARBL													
CALM												1.3	
	11.7	31.5	39.1	14.0	2.3	.1						100.0	7.4

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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	4.0	1.5	.3								9.9	4.7
NNE	2.3	3.7	1.8	.2								8.0	5.1
NE	.6	2.3	1.2	.8								4.8	6.7
ENE	.1	2.5	2.3	.5	.3							5.7	7.8
E	.6	1.6	1.9	.1								4.3	6.0
ESE	.3	.9	.4									1.6	5.3
SE	.3	.9	.2									1.4	4.5
SSE	.9	.4	.4	.2								1.9	5.2
S	.3	.8	1.5	.6								3.2	8.0
SSW	1.2	2.9	1.7	.1								5.9	5.5
SW	.8	3.7	.5	.1								5.1	5.1
WSW	1.5	1.4	.1									3.0	3.5
W	1.9	.9	.2	.4								3.4	4.3
WNW	.9	2.0	1.3	.9								5.1	6.6
NW	2.7	4.9	2.8	1.7	.3							12.5	6.6
NNW	3.3	6.1	5.4	.6	.2							15.7	6.1
VARBL													
CALM												8.5	
	21.8	38.8	23.3	6.7	.9							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

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

8154

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.9	6.3	2.7	.4								16.3	4.4
NNE	3.3	3.6	1.9	.4								9.5	5.2
NE	1.8	3.2	2.4	.5								8.0	6.0
ENE	1.0	3.3	3.0	1.6								8.9	7.4
E	.5	3.4	2.0									6.0	5.8
ESE	.6	.8	.6									2.0	5.6
SE	.3	1.0	.5	.4								2.3	6.9
SSE	.3	1.3	.9									2.5	5.7
S	1.1	2.5	.9	.5								4.9	6.1
SSW	.8	.8	.6									2.2	4.8
SW	.4	1.2	.1									1.7	4.2
WSW	1.2	.5		.2								1.9	4.2
W	.9	.5	.3	.1	.1							1.9	5.4
WNW	.5	.4	.3	1.0	.2							2.5	9.2
NW	1.3	1.6	1.9	.9	.2							5.9	7.0
NNW	1.2	3.0	3.1	.9	.1							8.3	6.9
VARBL													
CALM												15.2	
	22.2	33.7	21.4	7.0	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	4.4	3.3	.5								11.9	5.3
NNE	2.5	3.6	3.1	.4								9.4	5.6
NE	1.3	2.9	3.5	1.2	.0							8.9	7.1
ENE	1.2	2.8	3.4	1.0	.1							8.4	7.0
E	1.1	3.1	2.0	.4	.0							6.7	5.0
ESE	.6	1.5	1.3	.1								3.4	6.0
SE	.6	1.5	1.5	.3								3.9	6.6
SSE	.9	1.5	1.2	.4		.0						4.0	5.2
S	1.0	1.6	1.2	.8	.1							4.7	7.0
SSW	.6	1.5	1.3	.6	.1							4.1	7.2
SW	.5	1.4	1.1	.3	.0							3.3	6.3
WSW	.9	1.2	.2	.1								2.3	4.3
W	1.2	1.3	.5	.3	.1	.0						3.3	5.5
WNW	.5	.8	.8	.7	.2	.0						3.0	8.1
NW	.8	1.9	2.3	1.5	.2	.0						6.7	8.2
NNW	1.2	2.6	3.0	.9	.1							7.8	7.1
VARBL													
CALM												5.1	
	18.6	33.4	29.5	9.4	.9	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7439

8155

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-76,73-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.9	5.9	1.9	.5								13.1	4.6
NNE	3.9	3.4	1.5	.1								9.0	4.3
NE	2.0	1.4	2.8	.2								6.5	5.8
ENE	2.0	2.2	1.8	.9								7.0	5.8
E	1.8	3.0	.9	.5								6.2	5.1
ESE	.5	1.5	1.2	.1								3.3	5.9
SE	.6	1.4	.8	.2	.2							3.3	7.1
SSE	.4	.9	.7	.7								2.7	7.7
S	1.1	2.1	1.3	.8	.1	.1						5.6	7.1
SSW	.6	.7	.7									2.0	5.6
SW	.6	.9	.5									2.0	5.2
WSW	.4	.9	.7									2.0	5.6
W	1.2	2.0	.5	.2								3.9	5.1
WNW	.9	1.4	.7	.5	.1							3.7	6.4
NW	.7	2.0	1.8	1.8		.1						6.4	8.3
NNW	1.9	2.5	2.6	.5	.2							7.7	6.4
VARBL													
CALM												15.6	
	23.3	32.5	20.5	7.1	.7	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 645

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.9	7.3	2.4	.4								16.0	4.5
NNE	3.2	5.0	2.0	.1								10.3	4.6
NE	1.5	2.0	2.8	.6								7.0	6.4
ENE	1.5	2.6	2.6	.7								7.4	6.2
E	2.1	2.0	1.3									5.4	4.5
ESE	.8	1.8	.6	.4								3.5	5.9
SE	.6	1.9	.8	.2	.1							3.7	6.3
SSE	.4	1.3	1.9	.7								4.3	7.4
S	1.5	1.2	.5	.8	.1	.2						4.4	7.4
SSW	.7	.6	.5	.1								1.9	5.3
SW	.6	.8	.4	.2								2.0	5.0
WSW	.2	.2	.4	.1								.9	6.3
W	.9	.9	.2	.1								2.2	4.3
WNW	.7	2.0	.5	.5	.2	.1						4.0	7.1
NW	1.3	.8	1.7	1.3	.2							5.3	7.8
NNW	.8	1.3	1.8	1.2	.2							5.3	7.9
VARBL													
CALM												16.3	
	22.9	31.8	20.2	7.4	.9	.4						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 846

8156

USAF. TAC FORM AR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	8.0	3.4	.5								16.1	5.2
NNE	3.5	5.9	3.5									13.0	5.0
NE	2.6	2.6	3.1	.8								9.1	6.1
ENE	[illegible]	1.8	2.4	.4								7.1	5.5
E	2.5	3.7	1.3	.1								7.6	4.6
ESE	1.3	1.4	.7	.1	.1							3.7	5.5
SE	.5	1.5	.9	.2								3.2	6.2
SSE	1.4	1.3	1.4	.7	.1							5.0	6.7
S	.6	2.0	.8	.6	.4	.1						4.5	8.2
SSW	.4	.9	.5									1.8	5.4
SW		.2	.5									.7	8.7
WSW	.4	.2	.1	.1								1.1	5.1
W	.6	.8	.5									1.9	4.9
WNW	.8		.2	.7	.4							2.1	9.1
NW	.7	.9	.4	.7	.1							2.8	7.2
NNW	.9	.7	1.9	1.9								5.4	8.4
VARBL													
CALM												15.0	
	23.2	32.2	21.6	6.9	1.1	.1						100.0	5.0

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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.8	6.7	.5								12.0	7.0
NNE	1.4	2.4	5.0	1.1								9.8	7.3
NE	.4	1.8	5.3	2.0								9.5	8.5
ENE	.9	3.0	3.3	1.5								8.9	7.4
E	.9	2.5	1.8	.7	.1							6.0	6.7
ESE	.6	1.8	2.1									4.5	6.4
SE	.5	3.2	1.7	.5		.2						6.0	7.0
SSE	1.7	3.1	1.8	.1								6.6	5.4
S	1.5	2.4	2.4	1.4								7.7	6.7
SSW	.4	1.3	1.7	.8								4.1	7.9
SW	.7	.8	.8	.6								3.0	6.8
WSW	.5	.1	.2									.8	5.0
W	.5	.9	.2	.6	.1							2.4	7.2
WNW	.4	.6	.6	1.2	.2							3.0	9.9
NW	.6	1.1	1.9	2.1	.1							5.8	9.0
NNW	.4	2.4	2.5	1.3								6.5	7.8
VARBL													
CALM												3.6	
	12.2	31.0	38.0	14.4	.6	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 845

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

8157

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.2	2.1									4.8	6.3
NNE	.5	1.9	1.9	.2								4.5	6.6
NE	.1	1.8	2.7	.9								5.6	7.9
ENE	.5	2.1	2.6	.8								6.0	7.5
E	.5	1.3	1.3	.9	.1							4.1	8.3
ESE	.1	.5	.5	.5	.2							1.8	9.8
SE	.2	2.1	.9									3.3	6.0
SSE	1.7	1.2	.5	.1								3.4	4.2
S	.8	2.8	1.8	.8	.4	.1						5.7	7.4
SSW	1.2	3.2	3.4	3.3								11.1	8.3
SW	.5	1.4	2.5	1.5	.1							6.0	8.6
WSW	.8	2.2	.7	.4								4.1	5.5
W	2.1	4.7	1.4	.6								8.9	5.3
WNW	.6	1.2	1.9	1.5	.2							5.4	8.8
NW	.2	2.0	6.4	3.4		.1						12.2	9.3
NNW	.4	3.0	5.2	1.8	.1							10.4	8.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.5	
	10.6	33.7	35.8	16.9	1.2	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.9	.5									1.7	5.1
NNE	.6	1.2	1.7	.5								3.9	7.0
NE	.4	.8	2.7	1.1								5.0	8.6
ENE	.2	1.8	1.4	.2								3.7	7.0
E	.1	.9	.9	.6	.1							2.7	8.9
ESE		.4	.5	.2								1.1	8.0
SE	.4	.5	.4	.2								1.4	6.0
SSE	.2	.7	.4		.1							1.4	5.9
S	.2	.5	1.7	.5	.2							3.1	5.8
SSW	.5	2.7	3.9	2.8	.2							10.2	8.7
SW	.4	3.3	6.0	2.7								12.4	8.4
WSW	1.5	1.8	1.2	.9	.2							5.7	6.8
W	1.7	3.2	.9	.9	.1							6.9	6.0
WNW	.4	3.4	4.7	1.7	.5							10.6	8.3
NW	.6	4.3	10.3	3.9								19.0	8.6
NNW	.6	2.8	5.6	1.3								10.3	7.9
VARBL													
CALM												1.1	
	7.9	29.2	42.7	17.6	1.5							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 846

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

8158

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1810	MACDILL AFB FL	68-70,73-79	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	%	MEAN WIND SPEED
N	1.9	3.1	.8									5.8	4.4
NNE	.5	2.0	1.4	.1								4.0	6.1
NE	.1	.8	1.1	.9								3.0	8.2
ENE	.1	1.3	1.5	.6								3.5	7.8
E	.6	1.3	1.1	.4								3.3	6.8
ESE	.1	.6	.1	.1								.9	6.4
SE	.4	.1	.1	.1								.7	5.3
SSE	.2	.6	.1	.1								1.1	6.1
S	.6	.7	2.1	.5								3.9	7.8
SSW	.8	1.3	3.5	.9								6.6	7.4
SW	.8	3.2	1.5	.4								5.9	5.7
WSW	1.7	1.4	.5	.1	.1							3.8	5.0
W	1.3	2.4	.9	.7	.1							5.4	6.0
WNW	2.4	3.7	2.1	.7								8.9	5.7
NW	4.6	7.8	6.7	2.0	.1							21.3	6.3
NNW	3.0	6.1	5.4	.9								15.5	6.0
VARBL													
CALM												6.4	
	19.0	36.4	29.2	8.6	.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.9	5.3	1.8	.2								13.2	4.1
NNE	2.0	2.6	1.5	.7								6.9	5.7
NE	1.3	1.4	1.4	.9								5.1	6.9
ENE	.7	1.5	1.8	.7								4.7	7.0
E	.9	2.0	1.9	.6								5.4	6.7
ESE	.4	.9			.1							1.4	5.6
SE	.2	.8	.5		.2							1.8	7.1
SSE	.6	.4	.4	.6								1.9	7.2
S	1.7	2.8	1.7	.4								6.5	5.6
SSW	.6	1.7	1.4	.2								3.9	6.2
SW	.2	1.1	.6	.1								2.0	5.8
WSW	.8	.8	.4									2.0	4.3
W	1.3	1.8	.8	.7								4.6	6.0
WNW	1.9	2.1	1.7	.7		.1						6.5	6.3
NW	2.2	2.7	2.6	1.1	.1	.1						8.9	6.6
NNW	3.1	2.5	3.7	.6								9.8	5.6
VARBL													
CALM												15.4	
	23.9	30.5	22.0	7.6	.5	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 846

8159

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	4.6	2.5	.3								10.3	5.1
NNE	2.0	3.0	2.3	.4								7.7	5.6
NE	1.0	1.6	2.7	.9								6.3	7.2
ENE	1.1	2.9	2.2	.7								6.0	6.7
E	1.2	2.1	1.3	.5	.0							5.1	6.1
ESE	.5	1.1	.7	.2	.1							2.5	6.4
SE	.4	1.4	.8	.2	.1	.0						2.9	6.6
SSE	.8	1.2	.9	.4	.0							3.3	6.2
S	1.0	1.8	1.5	.7	.1	.1						5.3	7.2
SSW	.6	1.6	2.0	1.0	.0							5.2	7.6
SW	.5	1.5	1.6	.7	.0							4.3	7.3
WSW	.8	1.0	.5	.2	.0							2.6	5.6
W	1.2	2.1	.7	.5	.0							4.5	5.7
WNW	1.0	1.8	1.6	.9	.2	.0						5.5	7.4
NW	1.4	2.7	4.0	2.0	.1	.0						10.2	7.8
NNW	1.4	2.7	3.6	1.2	.1							8.9	7.1
VARBL													
CALM												9.4	
	17.9	32.2	28.7	10.8	.9	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 6766

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.3	1.4	.2								7.6	4.7
NNE	2.3	1.7	.5									4.5	3.8
NE	2.3	2.0	1.3	.8								6.4	5.6
ENE	1.9	4.4	3.1	1.6								11.1	6.6
E	2.8	6.2	4.7	.8								14.5	5.9
ESE	.6	2.4	2.0	.5								5.6	6.6
SE	.9	1.8	1.5	.6								4.8	6.8
SSE	.3	1.8	1.4	.4								4.0	5.9
S	.5	1.2	1.3	.5								3.6	6.9
SSW	.6	2.0	.6	.4	.2							4.0	6.4
SW	.6	1.2	1.4	.3								3.6	6.8
WSW	.3	.1	1.1	.1								1.6	7.8
W	.8	.2	1.6	.1	.1							2.8	6.9
WNW	1.0	1.0	.8	.3	.2							3.2	6.3
NW	.9	.9	1.3	1.3	.4							4.7	8.8
NNW	.9	2.0	2.4	.5	.1							5.9	6.7
VARBL													
CALM												12.1	
	19.4	32.4	26.5	8.6	1.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 929

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

0818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	3.3	1.3	.3								9.0	4.3
NNE	3.3	3.3	.6	.2								7.5	4.0
NE	2.2	1.8	1.6	.2								5.8	5.2
ENE	2.4	3.8	4.0	.5								10.6	6.0
E	3.8	5.7	3.5	.3								13.3	5.2
ESE	1.7	2.6	2.0	.3								6.7	5.5
SE	.9	2.7	2.5	1.0								7.0	7.1
SSE	.5	1.9	1.4	1.0								4.8	7.0
S	.3	1.5	2.4	.9								5.1	7.9
SSW	.5	.9	1.1	.1	.1							2.7	6.9
SW	.4	1.4	1.1	.2								3.1	6.4
WSW	.2	.4	.2	.2								1.1	6.0
W	.9	1.1	1.2	.2								3.3	6.4
WNW	1.0	.5	.6	.9	.1							3.1	7.4
NW	.3	.6	.9	1.0	.5	.1						3.4	10.9
NNW	.3	1.1	1.4	.3								3.1	7.2
VARBL													
CALM												10.2	
	22.8	32.7	25.8	7.6	.8							100.0	5.4

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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	3.3	1.8	.6								8.6	5.2
NNE	2.3	?.4	1.7									7.4	4.7
NE	1.6	3.4	2.5	.1								7.6	5.3
ENE	2.3	3.8	3.9	.6								10.5	5.1
E	3.2	6.2	3.4	.3								13.2	5.0
ESE	2.2	4.0	1.9	.2								8.3	5.2
SE	.9	2.6	2.8	.8	.1							7.1	6.9
SSE	.4	2.3	2.8	.9								6.3	7.6
S	.6	2.3	2.3	1.2								6.3	7.3
SSW	.5	.6	.8	.1	.1							2.2	6.4
SW	.3	1.1	.6									2.0	5.6
WSW	.3	.6	.3	.1								1.4	5.8
W	.9	.3	.8	.2								2.2	5.8
WNW	.2	.6	.6	.8	.1							2.4	9.2
NW	.3	.5	.8	1.0	.1	.2						2.9	10.1
NNW	.4	.5	1.2	.5								2.7	7.8
VARBL													
CALM												8.8	
	19.2	35.7	28.2	7.4	.4	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

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

816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.0	4.2	.1								6.9	6.9
NNE	.9	.5	2.7	.3								4.4	7.4
NE	.2	1.2	3.5	1.3								5.2	8.7
ENE	.6	1.1	3.9	2.0								7.6	8.4
E	.2	1.4	4.7	3.4								9.8	9.4
ESE	.5	2.2	4.0	1.0								7.6	7.5
SE	.5	3.7	3.9	.9								8.9	7.2
SSE	1.1	4.1	3.3	1.7								10.2	7.1
S	1.4	3.1	3.3	1.7	.1	.1						9.8	7.5
SSW	.3	1.6	1.7	1.8	.3							6.0	9.0
SW	.3	1.2	1.4	.4								3.3	7.5
WSW	.8	.6	.4	.3								2.2	6.0
W	.8	.8	.8	.4								2.7	6.5
WNW	.3	.9	.9	1.1								3.1	8.6
NW	.8	.5	2.5	1.4	.1							5.3	9.0
NNW	.6	2.0	1.5	.5	.2							4.9	7.1
VARBL													
CALM												1.0	
	9.9	27.1	42.7	18.5	.8	.1						100.0	7.8

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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.4	1.2	.2								3.0	6.5
NNE		.6	.1	.2								1.0	7.2
NE	.1	1.0	1.4	.5								3.0	6.3
ENE	.1	1.7	2.4	1.8								6.0	8.8
E	.3	1.8	2.5	1.8	.2							6.7	8.7
ESE	.4	1.0	1.9	.8								4.1	7.9
SE	.4	2.8	3.8	.6								7.6	7.0
SSE	1.2	1.7	1.8	.8								5.5	6.6
S	1.0	1.5	1.8	.8	.2	.1						5.4	7.7
SSW	.4	2.7	3.8	4.1	.5							11.5	9.6
SW	.5	2.0	4.6	4.1	.3							11.6	9.7
WSW	1.5	3.8	.8	.8								6.8	5.5
W	2.0	4.3	1.1	.6								8.1	5.1
WNW	.5	1.5	1.9	1.7	.2							5.9	8.8
NW		1.3	3.3	2.3	.1							7.0	9.8
NNW	.3	1.3	3.7	1.0								6.2	8.2
VARBL													
CALM												.6	
	9.1	30.4	36.0	22.0	1.6	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

8162

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.9	.6									1.7	6.1
NNE	.3	.6	.5									1.5	5.9
NE	.4	.9	1.0	.4	.2							2.9	8.0
ENE		1.3	2.4	.9								4.5	8.2
E	.4	1.1	3.3	1.8	.1							6.8	9.0
ESE	.1	.6	2.3	.8								3.9	8.7
SE	.2	1.2	1.0	.4								2.8	6.9
SSE	.5	.6	.3	.3								1.8	6.2
S	.1	1.1	.8	.5	.4	.2						3.1	10.3
SSW	.3	2.7	4.8	4.7	.1							12.7	9.5
SW	.5	3.9	7.3	6.0	.5							18.3	9.4
WSW	1.1	1.7	2.0	1.7	.1							6.7	8.0
W	2.0	3.3	2.2	.9								8.4	5.9
WNW	.3	1.3	3.5	2.3	.2							7.6	9.4
NW	.2	2.4	5.9	2.5								11.0	8.8
NNW	.2	1.6	3.1	1.0								5.9	8.4
VARBL													
CALM												.5	
	7.1	25.2	41.1	24.2	1.7	.2						100.0	8.5

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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.4	.9	.2								4.8	5.0
NNE	1.1	.8	.2	.3								2.4	5.0
NE	.2	.3	.8	.4								1.7	7.9
ENE	.1	1.2	2.0	1.1								4.4	8.5
E	.8	3.1	3.5	1.7	.1							9.2	7.8
ESE	.2	.9	1.2	.5								2.8	7.5
SE		.1	.2	.1								.4	7.0
SSE	.2	.1										.3	5.3
S	.1	1.7	.8	.5								3.1	7.1
SSW	1.3	3.3	4.1	.9	.1							9.7	7.1
SW	2.0	5.3	4.5	.6								12.5	6.1
WSW	1.8	2.7	1.7	.2								6.5	5.4
W	1.4	2.9	1.9	.2	.2	.1						6.8	6.4
WNW	1.7	2.7	3.1	1.9	.1							9.6	7.4
NW	2.3	4.4	5.9	.5								13.1	6.4
NNW	1.6	4.0	2.4	.2								8.2	5.8
VARBL													
CALM												4.5	
	16.2	35.8	33.2	9.6	.5	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

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

8163

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 2100-2500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	4.2	.5									9.8	3.6
NNE	2.4	1.5	.2	.1	.1							4.3	4.0
NE	1.1	.8	1.0	.5								3.3	6.1
ENE	1.1	1.8	3.0	1.4	.1							7.4	7.7
E	1.1	4.0	5.4	2.0								12.5	7.7
ESE	.3	1.5	1.9	.2								4.0	6.9
SE	.3	.8	.4	.4								1.9	7.2
SSE	1.0	1.1	.4	.1								2.6	4.8
S	1.5	1.7	1.2	.3								4.7	5.4
SSW	1.8	1.8	1.5	.6								5.8	5.6
SW	.9	2.6	1.4	.3								5.2	5.9
WSW	1.0	.5	.6	.1								2.3	5.0
W	1.8	1.8	.9	.4								4.9	5.2
WNW	1.3	2.2	1.2	1.0								5.6	6.6
NW	1.1	2.2	2.4	1.3								6.9	6.8
NNW	1.7	3.0	2.0	.5								7.3	5.8
VARBL													
CALM												11.5	
	23.3	31.4	24.1	.5	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 -	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.6	1.5	.2								6.4	5.0
NNE	1.6	1.6	.8	.1	.0							4.1	4.8
NE	1.0	1.4	1.6	.5	.0							4.6	6.5
ENE	1.1	2.4	3.1	1.3	.0							7.8	7.2
E	1.6	3.7	3.9	1.5	.1							10.8	7.0
ESE	.8	1.9	2.2	.5								5.4	6.7
SE	.5	1.9	2.0	.6	.0							5.1	7.1
SSE	.7	1.7	1.4	.6								4.4	6.8
S	.7	1.8	1.7	.8	.1	.1						5.1	7.4
SSW	.7	2.0	2.3	1.6	.2							6.8	9.2
SW	.7	2.3	2.8	1.5	.1							7.4	7.9
WSW	.9	1.3	.9	.4	.0							3.5	6.2
W	1.3	1.8	1.3	.4	.0	.0						4.9	5.9
WNW	.8	1.3	1.6	1.2	.1							5.1	8.0
NW	.7	1.6	2.9	1.4	.2	.0						6.8	8.3
NNW	.8	1.9	2.2	.6	.0							5.5	7.0
VARBL													
CALM												6.2	
	15.9	31.3	32.2	13.4	.9	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7439

8164

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	%	MEAN WIND SPEED
N	3.0	3.0	1.9	.2								8.1	4.8
NNE	2.9	2.2	1.0	.1								6.2	4.2
NE	2.2	2.1	1.7	.1								6.1	5.1
ENE	1.8	3.8	3.2	.6								9.3	5.9
E	2.7	7.1	9.4	1.4								20.7	6.8
ESE	1.6	2.0	2.1	.1								5.8	5.7
SE	1.4	1.6	2.3	.1								5.4	5.7
SSE	1.0	.8	1.2									3.0	5.4
S	1.2	1.4	1.3	.4								4.4	6.0
SSW	.2	.6	.6	.6								1.9	8.1
SW	.1	1.0	1.1	.2								2.4	7.0
WSW	.8	1.0	.2									2.0	3.9
W	.7	2.6	.6									3.8	4.8
WNW	.4	2.1	.9									3.4	5.6
NW	.7	1.6	.8	.4	.1							3.6	6.6
NNW	.4	1.0	.6	.6								2.6	6.7
VARBL													
CALM												11.2	
	21.1	33.8	28.9	4.9	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	3.1	1.6	.1								9.3	4.2
NNE	2.4	3.1	.8									6.3	4.2
NE	1.9	2.1	1.4	.1								5.6	5.1
ENE	1.6	4.6	3.0	.8								9.9	6.1
E	4.0	7.7	5.9	.8								18.3	5.7
ESE	.8	2.4	2.7	.3								6.2	6.3
SE	1.1	3.3	2.8	.3								7.6	6.0
SSE	1.3	2.1	1.9	.9								6.2	6.5
S	1.3	.8	1.2	.8								4.1	6.8
SSW	.1	.8	.4	.2	.1							1.7	7.5
SW	.1	.4	.8	.7								2.0	8.9
WSW	.6	.3	.2	.2								1.3	6.1
W	.6	1.3	.3									2.2	4.9
WNW	.8	1.7	.4	.1								3.0	5.0
NW	.3	1.6	1.2	.1								3.2	6.4
NNW	.7	.8	.2	.6								2.2	7.0
VARBL													
CALM												10.8	
	22.1	36.1	24.9	6.0	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

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

8165

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	3.2	1.8									8.1	4.5
NNE	1.8	3.4	2.3	.3								7.9	5.5
NE	1.4	2.8	2.4	.7								7.3	6.2
ENE	2.2	3.8	4.4	1.0								11.4	6.3
E	2.3	6.2	5.1	1.2	.2							15.1	6.5
ESE	1.2	2.4	3.6	.4								7.7	6.5
SE	1.1	3.4	3.1	.8								8.4	6.6
SSE	1.0	2.9	2.4	.9								7.2	6.5
S	.4	2.2	2.2	.4								5.3	7.0
SSW	.1	.4	.6	.9	.1							2.1	10.2
SW	.3	.2	.4	.8								1.8	8.2
WSW	.3	.4	.4	.6								1.8	7.9
W	.4	.9										1.3	4.1
WNW	.7	.9	.3	.3								2.2	6.0
NW	.3	.7	.3	.2								1.6	6.0
NNW	.3	.4	.7	.3								1.8	7.3
VARBL													
CALM												8.9	
	17.2	34.4	30.2	8.9	.3							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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.1	2.0	.2								5.8	6.2
NNE	.8	1.3	2.3	.4								4.9	6.8
NE	.4	1.1	3.3	1.9								6.8	8.9
ENE	.7	1.6	3.3	1.7	.1							7.3	8.5
E	.7	1.9	4.4	4.4	.4							11.9	9.7
ESE	.3	.8	3.2	2.8								7.1	9.6
SE	.6	1.9	4.2	1.2								7.9	7.7
SSE	1.6	3.6	3.6	2.0								10.7	7.2
S	1.0	3.1	3.2	2.1								9.4	7.6
SSW	.8	2.1	2.8	1.8	.2							7.7	8.1
SW	.6	1.0	2.4	1.4	.3							5.8	9.0
WSW	.7	.2	.2	.2								1.3	6.1
W	.8	1.4	1.0	.7	.1							4.0	6.9
WNW	.1	1.2	.9	.2								2.4	7.0
NW	.1	.7	1.0	.4								2.2	7.7
NNW	.7	1.0	1.4	.8								3.9	7.3
VARBL													
CALM												.9	
	10.1	26.0	39.4	22.3	1.2							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

8166

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2	.3									1.0	4.9
NNE		.4	.7	.1								1.2	7.2
NE		.7	1.2	.2								2.1	7.9
ENE	.3	1.7	2.6	2.0								6.6	8.7
E	.1	2.3	4.3	3.6								10.3	9.6
ESE	.3	1.0	2.0	1.2								4.6	8.2
SE	.4	1.4	1.8	.8								4.4	7.5
SSE	.9	1.9	.9	.2								3.9	5.7
S	1.4	1.8	1.7	.8	.3							6.0	6.9
SSW	.4	1.8	2.7	5.2	.1							10.2	10.4
SW	.6	2.1	5.4	4.7	.3							13.1	9.8
WSW	2.2	4.2	1.7	1.3	.3							9.8	6.5
W	1.7	5.8	2.4	.9								10.8	6.2
WNW	.1	1.4	2.7	.6								4.8	7.7
NW		.8	4.3	.7	.1							5.9	8.8
NNW		1.0	3.3	.6								4.9	8.3
VARBL													
CALM												.4	
	9.0	28.6	38.0	22.8	1.2							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AF8 FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2	.4	.1								1.0	6.4
NNE	.2	.7	.4	.1								1.4	6.4
NE		1.0	1.6	.7								3.2	8.2
ENE	.2	.3	2.4	1.7								4.7	9.5
E		1.7	3.9	4.0	.1							9.7	9.8
ESE		.8	1.8	.7								3.2	8.3
SE	.1	.3	.9	.2								1.6	7.6
SSE	.2	.2	.1	.1								.7	5.7
S	.2	.4	.2	.7	.2							1.7	11.0
SSW		1.3	2.9	5.1	.4							9.8	11.0
SW	.6	1.7	6.8	6.3	.4							15.8	10.3
WSW	.9	1.4	2.8	1.2		.1						6.5	8.2
W	1.0	3.3	4.3	.8	.1							9.6	7.0
WNW	.3	3.7	4.9	1.1	.1							10.1	7.7
NW	.2	1.6	8.2	2.1								12.1	8.6
NNW	.6	1.7	5.5	1.0								8.7	8.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.3	
	4.7	20.4	47.2	25.9	1.4	.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 899

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

8167

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-78, 73-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.1									3.7	5.1
NNE	.3	.8	.4	.3								1.9	6.9
NE	.2	.4	.9	.7								2.2	8.6
ENE	.2	.6	1.7	2.1	.2							4.8	10.2
E	.3	2.7	5.9	4.2								13.1	9.1
ESE	.2	.4	1.1	.4								2.2	8.4
SE		.1	.3									.4	6.8
SSE		.1										.1	5.0
S	.3	.3	.6	.6	.1		.1					2.0	10.0
SSW	.4	2.8	2.4	2.0	.1							7.8	8.0
SW	.6	3.2	4.1	1.0								8.9	7.3
WSW	.3	.8	1.6									2.7	5.6
W	1.3	5.3	2.6	.1	.1							9.5	5.6
WNW	1.0	4.6	3.1	.3	.1							9.1	6.2
NW	2.4	6.6	7.7	.8								17.5	6.4
NNW	1.3	5.2	5.3	.6								12.5	6.4
VARBL													
CALM												1.7	
	10.0	35.6	38.8	13.1	.7		.1					100.0	7.1

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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	3.7	1.0	.1								8.2	4.3
NNE	3.0	1.4	.2	.1								4.8	3.3
NE	1.0	1.1	1.7	.4								4.2	6.3
ENE	1.1	.2	2.3	1.4	.2							5.3	8.4
E	1.0	5.4	9.7	5.3								19.4	8.7
ESE	.4	1.2	1.2	.9								3.8	7.4
SE	.1	.7	.1	.1								1.0	5.4
SSE	.9	.3	.1									1.3	3.3
S	1.4	2.6	1.7	.4	.2							6.3	6.2
SSW	.7	1.7	.6	.1								3.0	5.3
SW	.9	.9	1.3	.1								3.2	6.1
WSW	.4	1.2	.4									2.1	4.9
W	2.0	3.1	.7	.1								5.9	4.5
WNW	1.7	2.6	1.6	.1	.1							6.0	5.5
NW	2.3	2.9	.8	.4								6.4	4.7
NNW	2.2	3.4	2.8	.1								8.6	5.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.3	
	22.7	30.4	26.1	9.9	.6							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

8168

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12813 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.3	1.3	.1								5.7	4.8
NNE	1.4	1.7	1.0	.2								4.3	5.1
NE	.9	1.4	1.8	.6								4.7	6.8
ENE	1.0	2.1	2.9	1.4	.1							7.4	7.5
E	1.4	4.1	6.1	3.1	.1							14.8	7.9
ESE	.6	1.4	2.2	.9								5.1	7.4
SE	.6	1.6	1.9	.4								4.6	6.7
SSE	.9	1.5	1.3	.5								4.1	6.4
S	.9	1.6	1.5	.8	.1		.0					4.9	7.2
SSW	.3	1.4	1.6	2.0	.1							5.5	9.2
SW	.5	1.3	2.8	1.9	.1							6.6	9.0
WSW	.8	1.2	.9	.4	.0	.0						3.4	6.6
W	1.1	3.0	1.5	.3	.0							5.9	5.9
WNW	.6	2.3	1.8	.3	.0							5.1	6.5
NW	.8	2.0	3.0	.7	.0							6.6	7.0
NNW	.8	1.8	2.5	.6								5.6	6.9
VARBL													
CALM												5.6	
	14.6	30.7	34.2	14.2	.7	.0	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12819 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.0	.4									3.7	3.6
NNE	2.5	1.2	1.1	.2								4.9	4.7
NE	1.5	1.5	.6	.2								3.9	4.7
ENE	2.3	3.9	4.0	.4								10.5	5.9
E	5.2	9.5	6.7	1.3								22.6	5.7
ESE	1.4	3.0	2.6	.3								7.3	5.8
SE	.8	2.6	1.6	.6								5.6	6.3
SSE	.9	1.2	.4	1.0								3.4	7.1
S	.6	1.4	.9	.4								3.3	6.5
SSW	.9	.9	.6	.1								2.5	5.1
SW	.4	.3	1.1	.1								1.9	6.7
WSW	.4	1.2	.9	.5								3.0	6.9
W	1.9	2.8	.4									5.2	4.1
WNW	.8	2.5	.5									3.8	4.5
NW	1.1	.4	.3	.1								1.9	4.2
NNW	.6	.6										1.3	5.3
VARBL													
CALM												15.2	
	23.4	33.9	22.2	5.3								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

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

8169

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	1.4	.3	.1								4.7	3.6
NNE	1.6	1.8	1.1	.1								4.6	4.9
NE	2.0	2.2	1.3									5.5	4.5
ENE	2.6	3.9	2.6	.2								9.2	5.3
E	5.3	6.0	5.3	.6								17.2	5.3
ESE	1.3	3.4	2.4	.1								7.2	5.5
SE	2.0	2.5	2.7	.8								8.0	6.1
SSE	.9	1.7	2.0	.3								4.9	6.5
S	.5	1.4	1.9	.3	.2							4.4	7.4
SSW	.4	.4	.2	.1								1.2	5.1
SW	.3	.5	.3	.4								1.6	7.3
WSW	1.1	1.0	1.3	.1								3.4	5.6
W	3.5	1.9	.2	.2								5.9	3.7
WNW	1.3	1.3										2.6	3.6
NW	.5	.9	.1									1.5	4.0
NNW	.3	.6	.2									1.2	4.7
VARBL													
CALM												16.8	
	26.7	31.0	21.9	3.4	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.0	.5									4.8	3.9
NNE	1.9	2.0	1.6	.1								5.7	5.2
NE	1.8	3.2	2.9	.2								8.2	5.9
ENE	1.7	4.0	4.7	.9								11.3	6.6
E	3.5	4.6	4.9	1.1		.1						14.3	6.1
ESE	1.2	3.4	2.8	.5								8.0	6.2
SE	1.6	3.4	4.0	.3								9.4	6.4
SSE	.4	3.5	3.0	.2								7.2	6.3
S	.9	1.5	1.1	.4	.2							4.1	7.6
SSW	.2	.4	.5	.4	.3							1.9	9.6
SW	.5	.4	.5									1.5	5.8
WSW	.8	1.4	.5	.3								3.0	5.4
W	2.6	2.4	.2	.4								5.6	4.4
WNW	1.5	1.7	.3	.1								3.7	4.2
NW	.3	.9										1.2	4.5
NNW	.1	.6	.1									.9	4.9
VARBL													
CALM												9.4	
	21.4	35.7	27.8	5.1	.5	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

8170

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

LOBAL CLIMATOLOGY BRANCH
SAFETAC
IR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
MAY — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	.8									2.4	5.7
NNE	.5	1.2	1.1	.3								3.1	6.4
NE	.5	1.3	2.4	1.2	.1							5.5	8.0
ENE	1.3	2.2	3.5	1.6								8.6	7.4
E	.5	2.4	5.1	2.7								10.6	8.6
ESE	.3	1.9	1.9	1.3								5.5	7.9
SE	1.1	3.3	4.4	1.1								9.9	6.9
SSE	2.6	4.4	2.4	.5								9.9	5.4
S	2.0	5.3	1.8	1.1	.4							10.6	6.
SSW	1.2	1.8	2.3	1.6	.4							7.3	8.
SW	.6	1.4	1.7	1.1	.2							5.1	8.0
WSW	1.7	1.8	1.0	.2								4.7	5.1
W	1.2	1.9	.3	.4								3.9	5.3
WNW	.5	2.0	1.3	.2								4.0	6.0
NW	.2	1.8	.8	.2								3.0	6.1
NNW	.8	1.5	.9									3.1	5.3
VARBL													
CALM												2.8	
	15.5	35.5	31.5	13.5	1.2							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 63-70,73-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.5	.5									1.8	4.9
NNE	.3	.6	1.0									1.9	5.7
NE	.2	1.4	2.2	1.0								4.7	8.4
ENE	.4	1.8	3.5	1.1								6.9	7.9
E	.5	1.9	4.0	2.0								8.5	8.6
ESE	.3	1.1	1.3	.5								3.2	7.3
SE	1.1	2.2	1.5	.2								4.9	5.8
SSE	1.1	1.1	.8	.2								3.1	5.3
S	1.2	1.9	.8	.8	.1							4.7	6.6
SSW	.8	2.3	6.0	2.6	.5							12.2	8.9
SW	1.0	1.8	4.0	4.1	.4							11.3	9.5
WSW	2.4	5.8	2.4	1.2								11.7	6.0
W	2.0	6.7	1.7	.8	.1							11.3	5.6
WNW	.2	2.4	1.7	.5								4.8	7.0
NW	.6	1.1	2.7	.3								4.7	7.2
NNW	.3	1.0	1.7	.1								3.1	6.5
VARBL													
CALM												1.0	
	13.2	33.5	35.7	15.4	1.2							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

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

8171

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 66-70,73-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	.5									1.4	5.8
NNE	.1	.6	.5	.5	.1							1.9	8.6
NE	.1	1.6	2.6	1.4	.2							5.9	9.1
ENE	.5	1.7	2.5	1.3								6.0	8.0
E	.3	1.0	3.4	2.3	.3							7.3	9.6
ESE	.3	.6	1.1	.2	.1							2.4	7.7
SE	.1	.5	.9	.1								1.6	6.6
SSE	.2	.4	.4	.1								1.2	6.5
S	.4	.3	1.0	.9								2.6	8.8
SSW	.4	1.7	3.4	3.3	.2							9.1	9.4
SW	.4	2.3	5.9	1.8	.3							10.8	8.7
WSW	1.0	2.7	3.4	1.6								8.7	7.4
W	1.0	4.1	5.2	2.0								12.3	7.4
WNW	.9	3.8	3.5	.9								9.0	6.6
NW	.4	3.3	6.5	1.0								11.2	7.7
NNW	.2	1.6	4.6	.6								7.1	8.1
VARBL													
CALM												1.5	
	6.7	27.0	45.5	18.1	1.3							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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8	1.0									1.7	7.3
NNE	.3	1.4	.5	.3								2.6	6.4
NE	.2	.5	1.3	1.3								3.3	9.5
ENE	.2	1.7	2.4	1.7								6.0	8.7
E	.6	2.6	5.1	3.3	.6							12.3	9.1
ESE	.2	.5	.6	.8								2.2	8.2
SE		1.0	.6	.3	.1							2.0	8.2
SSE	.2	.4		.2								.9	6.4
S	.2	.6	.9	.5								2.3	7.6
SSW	.3	1.1	1.1	.8	.1							3.3	8.0
SW	.5	2.3	3.1	.6								6.6	7.2
WSW	.9	1.9	2.3	.5	.1							5.7	6.9
W	1.2	5.3	3.7	.4								10.5	6.1
WNW	1.6	6.3	3.0	.4								11.4	5.6
NW	1.9	7.1	4.7	.5								14.3	6.1
NNW	1.3	4.6	4.3	.1								10.3	6.0
VARBL													
CALM												4.6	
	9.8	38.2	34.5	11.9	1.0							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

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

8172

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.8	.6									6.9	4.0
NNE	1.1	.6	.9	.1								2.7	5.5
NE	1.1	.9	1.4	.3	.1							4.2	7.2
ENE	1.5	3.5	3.8	1.4								10.2	6.7
E	2.2	5.2	10.2	3.7								21.2	7.6
ESE	1.1	1.5	1.7	.9								5.2	6.7
SE	.6	1.0	1.0	.5								3.1	6.7
SSE	.4	.5	.4	.2								1.6	6.4
S	1.1	.8	1.1									2.9	5.0
SSW	.6	.9	1.1									2.6	5.8
SW	.2	1.3	.6									2.2	5.9
WSW	1.3	1.5	1.4	.4								4.6	6.3
W	3.9	4.3	.5									8.7	3.7
WNW	2.0	3.0	.4									5.5	3.9
NW	1.5	1.7	.3									3.5	3.8
NNW	1.0	2.0	.5									3.5	4.5
VARBL													
CALM												11.4	
	22.0	32.5	26.0	8.0	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	.6	.0								3.4	4.4
NNE	1.0	1.2	1.0	.2	.0							3.4	5.6
NE	.9	1.6	1.8	.8	.1							5.1	7.0
ENE	1.3	2.8	3.4	1.1								8.6	6.9
E	2.3	4.1	5.6	2.1	.1	.0						14.2	7.2
ESE	.8	1.9	1.8	.6	.0							5.1	6.6
SE	.9	2.1	2.1	.5	.0							5.6	6.5
SSE	.8	1.7	1.2	.3								4.0	6.1
S	.9	1.7	1.2	.6	.1							4.4	6.8
SSW	.6	1.2	1.9	1.1	.2							5.0	8.3
SW	.5	1.3	2.2	1.0	.1							5.1	8.2
WSW	1.2	2.2	1.6	.6	.0							5.6	6.3
W	2.2	3.7	1.5	.5	.0							7.9	5.4
WNW	1.1	2.9	1.4	.3								5.6	5.5
NW	.8	2.2	1.9	.3								5.2	6.2
NNW	.6	1.6	1.5	.1								3.8	6.1
VARBL													
CALM												7.8	
	17.3	33.4	38.4	10.1	.7	.0						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

8173

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12813 (STATION) | MACDILL AFB FL (STATION NAME) | 68-70,73-79 (YEARS) | JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	.3	.2	.3								3.4	3.7
NNE	2.4	1.9	.8	.2								5.3	4.4
NE	2.0	1.4	.7	.2	.2							4.6	5.4
ENE	2.9	3.7	1.4	.1	.1							8.2	4.6
E	6.6	8.7	5.1	.4								18.8	4.6
ESE	1.9	3.8	2.2	.1								8.0	5.2
SE	1.0	1.6	1.6	.6								4.7	6.5
SSE	.9	3.1	1.9	.3								6.2	5.7
S	.9	2.1	.7	.6	.1		.1					4.4	7.0
SSW	.6	.8	.3	.1								1.8	5.4
SW	.3	.9	.1	.1								1.4	5.2
WSW	.8	2.4	.9	.2								4.3	5.5
W	2.6	3.4	1.3									7.3	4.6
WNW	2.1	1.2										3.3	2.9
NW	1.0	.1										1.1	2.1
NNW	.3	.4	.2	.1								1.1	4.9
VARBL													
CALM												15.9	
	28.8	35.9	15.4	3.4	.4		.1					100.0	4.2

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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	.9		.1								3.4	2.6
NNE	3.6	2.0	.3	.3								6.2	3.9
NE	2.1	1.3	1.0	.1								4.6	4.4
ENE	3.3	3.9	1.8									9.0	4.4
E	5.7	8.4	.7	.3								15.1	4.0
ESE	2.9	3.3	.9									7.1	4.3
SE	1.7	3.0	2.1	.8								7.6	6.0
SSE	2.0	2.0	1.8	.3								6.1	5.2
S	1.4	1.4	.3	.2								3.4	4.5
SSW	.2	.2	.6		.2							1.2	8.2
SW	.3	1.0	.3									1.7	5.4
WSW	.8	2.8	.8	.4								4.8	5.7
W	2.6	3.6	.8									6.9	4.2
WNW	1.3	1.3	.1									2.8	3.5
NW	1.1	.2										1.3	2.5
NNW	.3	.3	.2	.2	.2							1.3	8.7
VARBL													
CALM												17.4	
	31.8	35.8	11.7	2.9	.4							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 900

8174

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-76,73-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	.9	.1	.2								3.6	3.6
NNE	2.0	2.2	.7	.3								5.2	4.9
NE	2.8	3.4	1.7	.4								8.3	5.1
ENE	2.8	3.7	2.6	.6								9.6	5.3
E	5.4	6.7	3.1	.6								15.8	4.8
ESE	2.4	3.1	.9	.1								6.6	4.4
SE	1.7	3.4	2.0	.1								7.2	5.5
SSE	1.6	2.0	2.3	.1								6.0	5.4
S	1.1	2.1	1.6	.1								4.9	5.5
SSW	.3	.1	.2									.4	5.8
SW	.2	.4	.4	.1								1.2	7.1
WSW	.8	1.8	.9	.1								3.6	5.4
W	2.9	2.8	1.0	.2								6.9	4.3
WNW	1.6	1.7	.3	.1								3.7	4.0
NW	.7	.8	.1	.3								1.9	5.3
NNW	.2	.7	.2									1.1	5.2
VARBL													
CALM												14.1	
	28.6	35.8	18.1	3.4								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.8										1.4	3.4
NNE	.3	.8	.7	.1	.2							2.1	7.5
NE	.6	2.0	2.4	.1	.1							5.2	7.0
ENE	1.6	3.3	3.3	.4								8.7	6.3
E	.7	3.7	3.2	1.1								8.7	6.9
ESE	.4	1.6	1.8	.6								4.3	6.8
SE	1.8	4.1	1.4	.3								7.7	5.4
SSE	3.9	7.8	1.7	.4								13.8	4.7
S	2.8	4.8	1.6	.2								9.3	4.8
SSW	1.9	2.6	1.6	.4								6.4	5.5
SW	1.0	1.2	.7	.7								3.6	6.4
WSW	2.1	1.3	1.4	.6								5.4	5.4
W	3.1	2.4	.9	.3								6.8	4.3
WNW	1.9	2.6	1.1	.4								6.0	5.3
NW	1.2	2.1	.4									3.8	4.4
NNW	1.4	1.7	.9	.2								4.2	5.0
VARBL													
CALM												2.6	
	25.3	42.7	23.1	6.0	.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

8175

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 56-70,73-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	.6	.7								2.3	8.0
NNE	.2	1.1	.6	.1								2.0	6.1
NE	.6	1.8	1.1	.7								4.1	6.7
ENE	.3	2.6	2.1	.6								5.6	6.8
E	.4	2.1	1.4	1.2								5.2	7.4
ESE	.6	.6	.4									1.6	5.2
SE	.6	1.0	.9	.1								2.6	5.7
SSE	1.3	1.8	.9	.2	.1							4.3	5.4
S	1.7	3.0	1.3	.7	.1	.1						6.9	6.0
SSW	1.4	4.0	4.2	1.2								10.9	6.8
SW	1.1	4.2	3.0	1.0								9.3	6.7
WSW	3.0	5.3	2.1	1.6								12.0	5.8
W	2.2	7.4	2.6	.6								12.8	5.4
WNW	1.3	2.2	2.1	1.1								6.8	6.7
NW	.6	2.6	3.6	.3								7.0	6.8
NNW	.7	2.6	1.8	.1								5.2	5.8
VARBL													
CALM												1.4	
	16.3	43.0	28.8	10.1	.2	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	1.1	.7		.1						4.2	7.7
NNE	.3	1.0	.9	.4								2.7	7.2
NE	.1	.6	1.4	1.3	.1							3.6	9.8
ENE	.4	1.0	2.4	1.3								5.2	8.5
E	.6	1.9	1.8	1.3	.2							5.8	8.5
ESE	.4	.3	.4	.8	.1	.1						2.2	9.6
SE	.1	.7	.2	.3								1.3	7.6
SSE	.4	.7	.4	.6								2.1	7.5
S	.7	1.3	1.3	.8	.3							4.4	8.1
SSW	.6	2.2	3.1	.9		.1						6.9	7.4
SW	.8	2.6	3.9	.8								8.0	7.3
WSW	.6	3.3	3.1	.9		.1						8.0	7.2
W	1.9	5.3	4.8	.3								12.3	6.1
WNW	1.8	5.2	3.4	1.0								11.4	6.3
NW	.4	4.3	9.1	.3	.1							14.3	7.3
NNW	.7	2.2	3.0	.4								6.3	6.9
VARBL													
CALM												1.1	
	10.4	34.3	40.6	12.2	.9	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

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

92180

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.7	.6	.6								4.7	5.3
NNE	1.0	.7	.7	.4	.1							2.9	6.5
NE	.6	.3	1.4	1.2								3.6	9.1
ENE	.4	1.7	2.0	2.2	.2							6.6	9.1
E	.9	2.8	2.9	2.2	.2							9.0	8.3
ESE	.9	1.2	.9	.9	.1							4.0	6.9
SE	.1	1.0	1.3	.4		.2						3.1	9.0
SSE	.2	1.6	1.2	.2	.1							3.3	7.0
S	.1	1.2	1.2	.7	.1	.1						3.4	9.0
SSW	.9	.8	1.9									3.6	6.2
SW	.2	1.6	1.3									3.1	6.4
WSW	.8	3.0	2.0									5.8	5.7
W	2.4	6.9	3.0	.1								12.3	5.3
WNW	1.3	4.4	2.3									8.1	5.5
NW	2.4	7.0	3.6									13.0	5.3
NNW	2.0	4.1	2.1	.1	.1							8.4	5.4
VARBL													
CALM												5.0	
	16.2	39.9	28.4	9.1	1.0	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12815 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	1.2	.3	.6								6.7	3.7
NNE	1.9	1.2	.8	.4								4.3	5.0
NE	.8	1.1	1.3	1.3								4.6	8.0
ENE	1.3	2.3	2.7	.8	.1							7.2	6.5
E	3.9	7.1	4.4	.9	.1							16.4	5.7
ESE	2.2	3.7	1.1	.4								7.4	5.0
SE	1.0	2.1	1.1	.2								4.4	5.6
SSE	.7	1.3	1.6	.1	.1							3.8	6.6
S	1.1	1.6	.4	.3	.2	.1						3.8	7.0
SSW	.2	.7	.3									1.2	5.4
SW	.4	.8	.7									2.0	5.4
WSW	1.3	2.3	.6									4.2	4.4
W	2.9	5.4	1.1									9.4	4.5
WNW	3.7	2.4	.2									6.3	3.6
NW	3.0	.8										3.8	2.6
NNW	1.8	1.6	.1	.1	.1							3.7	4.2
VARBL													
CALM												10.7	
	30.9	35.7	16.8	5.2	.7	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

8177

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.0	.4	.4		.0						3.7	4.7
NNE	1.5	1.4	.7	.3	.0							3.8	5.2
NE	1.2	1.5	1.4	.7	.1							4.8	6.6
ENE	1.6	2.8	2.3	.7	.1							7.5	6.2
E	3.0	5.2	2.6	1.0	.1							11.8	5.7
ESE	1.5	2.2	1.1	.4	.0	.0						5.2	5.5
SE	1.0	2.1	1.3	.4		.0						4.8	6.1
SSE	1.4	2.5	1.5	.3	.0							5.7	5.5
S	1.2	2.2	1.1	.4	.1	.0	.0					5.1	6.2
SSW	.7	1.4	1.5	.3	.0	.0						4.1	6.5
SW	.6	1.6	1.3	.3								3.8	6.6
WSW	1.3	2.8	1.5	.5		.0						6.0	5.8
W	2.6	4.7	1.9	.2								9.4	5.0
WNW	1.9	2.6	1.2	.3								6.1	5.2
NW	1.3	2.2	2.1	.1	.0							5.8	5.7
NNW	.9	1.7	1.1	.2	.1							3.9	5.7
VARBL													
CALM												8.5	
	23.5	37.9	22.9	6.6	.5	.1	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 63

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.2	.1									1.3	2.7
NNE	3.0	.4										3.4	2.3
NE	1.2	1.0	.2									2.4	3.8
ENE	3.2	4.0	1.2									8.4	4.2
E	10.2	8.3	3.2	.1								21.8	4.2
ESE	2.5	3.0	1.5	.1								7.1	4.7
SE	1.3	4.7	1.4	.2								7.6	5.2
SSE	1.0	2.3	3.0	.3								6.6	6.5
S	1.3	4.5	2.3	.2								8.3	5.6
SSW	.3	1.3	.3									1.9	4.8
SW	.5	1.1	.8									2.4	5.4
WSW	1.5	2.8	1.0									5.3	4.7
W	3.1	3.1	.5									6.8	3.7
WNW	.5	.5	.1									1.2	3.7
NW	.6	.1										.8	2.4
NNW	.3	.1										.4	2.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	14.4	
	31.6	37.4	15.6	1.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

8178

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12610 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.2										1.3	2.6
NNE	2.3	1.0										3.2	2.9
NE	2.2	1.1	.1									3.3	3.2
ENE	2.6	4.3	1.2									8.1	4.3
E	9.1	8.0	2.0	.1								19.2	3.9
ESE	3.7	3.2	1.2	.4								8.5	4.6
SE	2.0	4.2	1.7	.4								8.4	5.3
SSE	1.7	3.9	2.2	.5								8.3	5.7
S	1.4	4.0	1.2	.1								6.7	5.1
SSW	.3	.2	.3									.9	5.0
SW	.2	.6	.9									1.7	6.3
WSW	1.8	1.8	.3									4.0	3.8
W	2.4	2.6	.3									5.3	3.9
WNW	1.1	1.1	.3									2.5	4.1
NW	.3											.3	1.7
NNW	.3	.1										.4	2.5
VARBL													
CALM												18.0	
	32.5	36.2	11.7	1.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (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	.5	.3										.9	2.9
NNE	1.3	.9										2.2	3.3
NE	.9	1.5	.4									2.8	4.5
ENE	3.7	3.7	2.6	.1								10.0	4.9
E	6.7	8.4	3.1	.2								18.4	4.6
ESE	2.4	5.2	2.0	.1								9.7	5.0
SE	2.5	6.8	2.7	.5								12.5	5.5
SSE	1.7	4.3	2.7	.3								9.0	5.7
S	1.5	3.0	1.7									6.2	5.2
SSW	.3	.9	.3									1.5	4.5
SW	.3	1.0	.8									2.0	5.5
WSW	1.2	1.6	.5									3.3	4.5
W	2.0	2.8	.3	.1								5.3	4.1
WNW	.4	1.3	.1									1.8	4.4
NW	.1	.4	.1									.6	4.7
NNW	.3											.3	1.7
VARBL													
CALM												13.4	
	25.8	41.9	17.4	1.4								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

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

8129

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8		.2								1.4	5.6
NNE	.3	.2										.5	2.8
NE	.4	.3	.9	.2								1.8	6.7
ENE	.3	2.3	1.5	.4								4.5	6.8
E	1.2	3.1	3.8	.3	.1							8.5	6.6
ESE	1.2	2.3	2.5	.3								6.2	6.4
SE	2.6	6.2	2.2	.4	.1							11.5	5.4
SSE	5.8	8.3	3.0	.3								17.4	4.7
S	4.6	5.7	2.8	.3								13.4	4.9
SSW	2.2	2.9	2.8	.5								8.4	6.1
SW	.9	1.2	1.1	.5								3.7	6.5
WSW	1.2	1.5	1.2	.2								4.1	5.4
W	2.4	2.4	1.3	.1								6.1	4.8
WNW	.6	1.2	.8									2.6	5.3
NW	.5	1.7	.9									3.1	5.4
NNW	1.0	1.5	.2	.1								2.8	4.3
VARBL													
CALM												3.9	
	25.6	41.5	24.7	4.1	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.4										1.8	4.1
NNE	.2	.4	.6									1.3	5.6
NE		.4	.8	.1								1.3	7.8
ENE	.2	1.3	1.9	.4								3.9	7.4
E	.9	2.4	1.6	.8								5.6	6.9
ESE	.1	1.2	.9		.1							2.3	6.9
SE	.6	1.6	1.5	.4								4.2	6.5
SSE	.9	2.6	.6	.2			.1					4.4	5.9
S	1.9	5.3	1.9	.4	.1							9.7	5.4
SSW	1.3	3.9	5.2	1.3	.3							11.9	7.5
SW	1.6	3.0	4.3	1.9	.1							11.0	7.5
WSW	2.3	6.7	3.3	.2								12.5	5.4
W	4.1	6.9	3.2	.4								14.6	5.2
WNW	1.0	2.7	2.5	.4								6.6	6.4
NW	.4	2.2	1.5									4.1	5.9
NNW	.1	1.4	1.0	.1	.1							2.7	6.9
VARBL													
CALM												2.3	
	16.0	43.2	30.9	6.8	.8		.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

8180

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12819 (STATION) MACDILL AFB FL (STATION NAME) 66-70,73-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	1.4	.1								4.2	5.5
NNE	.4	.8	.3	.2								1.7	5.7
NE	.6	1.2	.5	.3		.1						2.8	6.5
ENE	.5	1.1	.4	.9								2.9	7.3
E	.4	1.9	2.4	1.1	.4							6.2	8.7
ESE	.3	.9	1.1	.5	.2							3.0	8.8
SE	.1	1.3	1.2	.3	.2							3.1	8.5
SSE	.4	.9	.9	.2	.1	.1						2.6	7.5
S	.5	2.8	1.1	.5	.1							5.1	6.7
SSW	.4	1.9	4.4	1.6	.1							8.5	8.2
SW	.5	2.8	5.2	1.8								10.3	7.9
WSW	1.1	3.9	3.8	.5								9.2	6.7
W	2.3	6.5	4.2	.8								13.7	6.0
WNW	1.3	3.2	2.8	.8								8.1	6.4
NW	.6	3.4	4.6	.5								9.2	6.8
NNW	.6	3.2	2.4	.3								6.6	6.1
VARBL													
CALM												2.8	
	11.5	37.2	36.6	10.5	1.2	.2						100.0	6.8

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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.6	.6									4.5	3.8
NNE	1.2	1.2	.3									2.7	4.1
NE	1.0	.9	.6	.1								2.6	5.0
ENE	.5	2.8	1.4	.2								4.9	6.1
E	1.3	4.3	3.0	1.7								10.3	6.8
ESE	.9	2.0	.6	.5								4.1	6.1
SE	1.0	1.8	1.8	.6								5.3	6.6
SSE	.6	1.6	1.5	.3								4.1	6.4
S	1.1	1.9	1.3	.3	.1							4.7	6.0
SSW	.9	1.4	1.8	.1								4.2	6.3
SW	.9	1.7	2.3									4.9	6.1
WSW	1.2	3.4	1.8									6.5	5.6
W	2.0	7.6	3.3	.1								13.1	5.5
WNW	1.7	3.0	1.4	.2								6.3	5.2
NW	1.6	5.3	1.8	.2								8.9	5.3
NNW	2.5	2.7	.6	.1	.1							6.0	4.4
VARBL													
CALM												6.9	
	20.5	43.3	24.4	4.6	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

8181

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.1		.1								3.0	3.4
NNE	2.8	.8		.1								3.7	2.7
NE	1.3	1.7	.2	.2								3.4	4.7
ENE	2.5	3.0	1.4	.2								7.1	4.9
E	4.1	7.3	4.4	.1								15.9	5.2
ESE	3.5	3.0	1.9	.1								8.6	4.6
SE	1.1	1.9	2.3	.3								5.6	6.3
SSE	.8	2.0	1.8	.2	.1							4.9	6.4
S	1.3	2.6	1.0		.1							4.9	5.3
SSW	.3	1.7	1.1	.1								3.2	6.1
SW	.6	2.0	.9									3.5	5.2
WSW	1.7	2.4	.9									4.9	4.6
W	3.4	4.4	.4									8.3	3.9
WNW	2.2	1.7										3.9	3.3
NW	1.7	.4	.1									2.3	3.0
NNW	1.0	.4										1.4	3.2
VARBL													
CALM												15.3	
	30.1	36.6	16.5	1.5	.2							100.0	4.0

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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 69-70,73-79 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.9	.3	.1								2.3	4.1
NNE	1.4	.7	.2	.0								2.3	3.4
NE	.9	1.0	.5	.1		.0						2.6	5.0
ENE	1.7	2.8	1.5	.3								6.2	5.3
E	4.2	5.5	2.9	.6	.1							13.3	5.2
ESE	1.8	2.6	1.5	.3	.0							6.2	5.4
SE	1.4	3.6	1.8	.4	.0							7.3	5.8
SSE	1.6	3.2	2.0	.3	.0	.0	.0					7.2	5.7
S	1.7	3.7	1.7	.2								7.4	5.4
SSW	.8	1.8	2.0	.5								5.1	6.8
SW	.7	1.7	2.0	.5	.0							4.9	6.9
WSW	1.5	3.0	1.6	.1								6.2	5.3
W	2.7	4.5	1.7	.2								9.1	4.9
WNW	1.1	1.8	1.0	.2								4.1	5.3
NW	.8	1.7	1.1	.1								3.7	5.6
NNW	.8	1.2	.5	.1	.0							2.6	5.0
VARBL													
CALM												9.6	
	24.2	39.7	22.2	3.9	.3	.0	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7440

8182

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	.5	.3									2.6	3.6
NNE	2.4	1.3	.2									3.9	3.3
NE	2.2	1.5	.5	.1								4.3	4.0
ENE	3.6	7.4	3.3	.2								14.5	5.0
E	9.3	15.0	3.7									25.9	4.3
ESE	2.4	4.1	1.1									7.5	4.3
SE	2.7	3.0	1.2									6.9	4.6
SSE	1.3	3.0	2.4	.1								6.8	5.9
S	1.5	1.3	1.3	.1	.2							4.4	6.0
SSW	.4	.8	.1	.1								1.4	5.2
SW	.2	.8	.1									1.1	4.8
WSW	.5	.4	.1									1.1	4.1
W	.6	.6										1.3	3.8
WNW	.5		.1									.6	3.2
NW		.5	.1									.6	5.5
NNW	.3	.2										.5	3.0
VARBL													
CALM												16.5	
	29.5	38.6	14.5	.6	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-79,73-79 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	.3										1.3	2.6
NNE	2.8	1.5	.3									4.6	3.4
NE	3.1	2.0	.6									5.8	3.9
ENE	4.0	8.0	2.6	.1								14.6	4.8
E	12.5	11.4	2.3	.2								25.9	3.9
ESE	3.2	4.2	1.1									8.5	4.3
SE	1.2	3.1	.8									5.1	4.8
SSE	1.9	3.8	1.5	.3								7.5	5.2
S	.9	2.8	1.5	.1								5.3	5.7
SSW	.1	.5	.1		.1							.9	6.3
SW	.3	.8	.2									1.3	4.8
WSW	.2	.8	.2									1.2	4.8
W	.4	.5										1.0	3.3
WNW	.1	.2										.3	3.3
NW		.1	.1									.2	7.5
NNW	.2	.3										.5	3.8
VARBL													
CALM												16.0	
	31.5	30.3	11.3	.8	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

8183

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.3	.1									1.8	3.2
NNE	1.9	1.4	.6	.1								4.1	4.3
NE	.5	2.6	2.2	.2								5.5	6.2
ENE	3.1	7.4	4.8	.2								15.6	5.5
E	7.2	12.7	4.3	.3								24.5	4.7
ESE	2.6	4.4	1.0	.4								8.4	4.9
SE	1.5	6.8	2.6	.2								11.1	5.5
SSE	1.5	3.3	1.9	.1								6.9	5.3
S	.9	2.0	1.6									4.5	5.6
SSW	.2	.6	.2	.1								1.2	6.1
SW	.2	1.1	.9	.3								2.5	6.7
WSW	.3	.3	.1									.8	4.6
W	.6	.8	.3									1.7	4.5
WNW	.5											.5	2.2
NW	.2	.2	.1									.5	4.4
NNW	.2	.4										.6	4.3
VARBL													
CALM												9.8	
	23.0	44.4	20.8	2.0								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (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	.9	.8										1.6	3.6
NNE	.5	.4	.6									1.6	5.1
NE	.3	1.1	1.3	.2								2.9	7.1
ENE	.9	4.2	3.7	1.1								9.8	6.9
E	1.4	6.5	7.8	1.4								17.1	7.0
ESE	1.4	2.9	4.0	.6								8.9	6.5
SE	2.4	9.2	4.3	.5								16.5	5.7
SSE	2.7	6.9	2.7	.4								12.7	5.1
S	2.8	4.5	2.7	.3								10.3	5.1
SSW	.5	1.2	1.4	.3								3.4	6.8
SW	.3	.9	.8	.3	.1							2.4	6.8
WSW	.9	.9	1.2	.1								3.0	5.9
W	1.0	.5	.3	.2	.1							2.2	5.7
WNW	.2	1.1	1.0	.2								2.5	6.4
NW	.1	.6	.3									1.1	5.2
NNW	.4	.8	.2									1.4	4.6
VARBL													
CALM												2.7	
	16.7	42.4	32.3	5.8	.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

8184

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (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	.3	1.1	.3	.1								1.8	5.8
NNE	.3	1.4	.6	.1	.1							2.6	6.4
NE	.5	1.9	1.1	.2								3.8	6.0
ENE	.4	4.3	2.7	.8	.1							8.3	6.9
E	1.5	3.9	3.9	1.6	.1							11.0	7.1
ESE	.5	2.0	1.6	.6								4.8	6.6
SE	.4	2.9	1.7	.2								5.3	6.1
SSE	1.2	3.8	.9	.4								6.2	5.3
S	2.2	3.3	1.8	.2								7.5	5.2
SSW	1.4	3.2	3.3	1.2								9.1	6.8
SW	.8	2.5	3.3	.6								7.2	6.8
WSW	1.9	4.8	1.2	.3								8.3	5.0
W	2.0	7.6	2.5	.2								12.4	5.2
WNW	1.2	1.7	.6	.4	.1							4.1	5.7
NW	.2	.8	.9	.2								2.0	7.1
NNW	.4	1.2	.9	.2								2.7	6.4
VARBL													
CALM												2.9	
	15.4	46.5	27.3	7.5	.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	1.1	.2								4.0	5.5
NNE	.6	1.1	1.3	.2								3.2	6.5
NE	.4	1.1	1.7	.2								3.4	7.2
ENE	1.0	2.0	3.3	1.4	.5							8.1	8.2
E	1.3	2.0	3.7	2.0	.1							9.1	8.0
ESE	.8	2	1.2	.9								4.0	7.3
SE	.3	1.0	1.1	.3	.1							2.8	7.9
SSE	.3	1.8	1.2	.3	.1	.1						3.9	7.3
S	.4	1.0	1.8	.4								3.7	7.4
SSW	.4	2.5	3.0	.6								6.6	7.3
SW	1.2	3.0	4.6	1.0								9.8	7.1
WSW	1.3	3.5	2.5	.2								7.5	5.8
W	2.4	4.1	3.5	.2								10.2	5.5
WNW	1.0	3.5	2.5	.2								7.2	5.9
NW	.6	3.0	2.3	.3								6.2	6.3
NNW	1.5	2.7	1.6	.2								6.0	5.6
VARBL													
CALM												4.3	
	14.7	35.1	36.3	8.8	.6	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

8185

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	2.3	.6									5.8	3.8
NNE	2.3	1.6	1.0	.1								5.0	4.5
NE	1.2	1.1	1.6	.5	.1							4.5	6.5
ENE	.8	3.1	2.8	.8	.1							7.6	6.9
E	2.6	4.7	6.4	1.4								15.1	6.6
ESE	1.0	2.9	1.8	.2	.1							6.0	5.9
SE	.2	1.4	1.0	.2								2.8	6.7
SSE	.3	.9	.8	.4								2.4	7.1
S	1.0	1.8	.6	.2								3.7	5.4
SSW	1.0	1.5	1.6									4.1	5.4
SW	.2	1.2	1.6	.1								3.1	6.9
WSW	.8	1.6	.6	.2								3.2	5.6
W	2.2	3.2	1.0									6.4	4.5
WNW	1.2	2.7	.8									4.6	4.7
NW	1.8	3.2	1.1									6.1	4.7
NNW	2.2	3.3	.8									6.3	4.3
VARBL													
CALM												13.3	
	21.5	36.7	24.1	4.2	.3							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	1.2	.4									5.0	3.2
NNE	3.2	.9	.3									4.4	3.1
NE	2.2	2.2	1.0									5.3	4.5
ENE	2.7	5.2	2.1	.2								10.2	5.1
E	6.6	9.8	8.3	.9								25.6	5.5
ESE	1.9	3.2	1.7	.5								7.5	5.4
SE	1.3	2.1	.9	.2								4.4	5.1
SSE	.8	1.5	1.3	.1								3.7	5.7
S	1.1	1.7	.9									3.7	5.3
SSW	.4	.6	.5									1.6	5.3
SW	.6	1.3		.1								2.1	4.4
WSW	.9	.4	.3									1.6	4.5
W	2.1	.8										2.8	2.8
WNW	.9	.4		.1								1.4	3.4
NW	1.2	.9										2.1	3.3
NNW	1.1	.5	.2									1.8	3.6
VARBL													
CALM												17.0	
	30.2	32.7	17.9	2.2								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 926

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

8186

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.0	.4	.0								3.0	3.9
NNE	1.8	1.2	.6	.1	.0							3.7	4.3
NE	1.3	1.7	1.3	.2	.0							4.4	5.5
ENE	2.0	5.2	3.2	.6	.1							11.1	5.9
E	5.2	8.0	5.0	1.0	.0							19.3	5.5
ESE	1.7	3.1	1.7	.4	.0							7.0	5.5
SE	1.3	3.7	1.7	.2	.0							6.8	5.6
SSE	1.3	3.1	1.6	.3	.0	.0						6.3	5.6
S	1.3	2.3	1.5	.2	.0							5.4	5.6
SSW	.6	1.4	1.3	.3	.0							3.5	6.5
SW	.5	1.4	1.4	.3	.0							3.7	6.6
WSW	.8	1.6	.8	.1								3.3	5.3
W	1.4	2.3	1.0	.1	.0							4.7	4.9
WNW	.7	1.2	.6	.1	.0							2.7	5.3
NW	.5	1.2	.6	.1								2.4	5.4
NNW	.8	1.2	.5	.1								2.5	4.9
VARBL													
CALM												10.3	
	22.8	39.6	23.1	4.0	.2	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7432

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	2.1	.1									5.6	3.3
NNE	3.3	2.6	1.0									6.9	3.9
NE	2.4	2.8	2.6	.6								8.3	5.7
ENE	3.4	5.5	4.0	.9								13.8	5.7
E	7.9	14.2	4.2	.3								26.7	4.8
ESE	1.7	4.9	2.1	.4								9.1	5.6
SE	.9	1.7	1.1	.6								4.2	6.0
SSE	.8	.9	.7	.3								2.7	5.8
S	.4	1.0	.1									1.6	4.1
SSW	.1	.1	.1									.3	4.7
SW			.1									.1	8.0
WSW	.6	.9	.1									1.6	4.1
W	1.4	1.4	.3									3.2	3.8
WNW	.4	.2	.1									.8	3.7
NW	.4	.2										.7	2.5
NNW	.2		.1									.3	3.3
VARBL													
CALM												14.1	
	27.5	38.5	16.8	3.1								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 899

8187

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	1.6		.1								4.6	3.3
NNE	5.0	2.9	1.8									9.7	4.1
NE	2.8	3.9	2.3	.1								9.1	5.0
ENE	4.7	5.6	3.6	.6								14.3	5.1
E	9.7	10.9	2.6	.1								23.2	4.1
ESE	2.7	3.0	1.3									7.0	4.5
SE	1.2	1.9	.6	.4								4.1	5.0
SSE	.8	1.0		.6	.2							2.6	6.8
S	.2	.7	.4									1.3	5.7
SSW	.1	.1										.2	3.5
SW	.3	.1										.4	2.8
WSW	.7	.3										1.0	3.4
W	1.0	1.0	.1									2.1	3.8
WNW	1.1	.7	.2									2.0	3.9
NW	.8	.1										.9	2.6
NNW	.4	.4	.1	.1								1.1	5.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.3	
	34.3	34.1	13.0	2.0	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	.7	.7									3.2	4.2
NNE	3.7	4.2	1.8	.1								9.8	4.6
NE	2.2	5.0	3.6	.9								11.7	5.9
ENE	4.6	6.9	6.4	.8								18.7	5.8
E	6.9	8.7	3.9	.4								19.9	4.8
ESE	1.8	3.7	1.3									6.8	4.8
SE	1.2	3.7	1.0	.1								6.0	4.9
SSE	.2	.9	.7	.2								2.0	6.6
S	.8	.8	.6	.1								2.2	5.1
SSW	.3	.1	.1									.6	3.6
SW	.7	.1	.1									.9	3.6
WSW	.4	.8	.2									1.4	4.2
W	.8	.9	.1									1.8	3.8
WNW	.7	.8										1.4	3.6
NW	.3											.3	1.7
NNW	.1	.4	.1									.7	5.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	12.7	
	26.6	37.6	20.6	2.7								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

8188

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 57-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	.9									2.4	5.3
NNE		1.3	1.9	.4								3.7	7.8
NE	.6	2.6	3.8	1.4								8.3	7.5
ENE	2.7	3.9	6.0	2.6								15.1	7.1
E	1.6	7.1	8.9	1.8								19.3	7.2
ESE	1.2	2.2	3.2	.6								7.2	6.8
SE	2.0	5.2	2.7	.3								10.2	5.6
SSE	3.4	4.7	1.1	.2								9.4	4.4
S	2.0	3.3	.9	.2								6.4	4.8
SSW	.9	1.1	.4	.2								2.7	5.0
SW	.4	1.0	.2	.1								1.8	5.1
WSW	.4	.4	.3	.2								1.4	6.1
W	.8	1.3	.3	.2								2.7	4.9
WNW	1.0	1.1	.4	.1								2.7	4.7
NW	.7	.7	.7	.2								2.2	5.7
NNW	1.0	.6	.7									2.2	4.9
VARBL													
CALM												2.1	
	19.4	37.3	32.-	[illegible]7								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	.6									2.0	5.4
NNE	.4	1.7	.9	.2								3.2	5.9
NE	1.7	1.4	3.2	1.1			.1					7.6	7.4
ENE	.9	1.8	4.3	1.7	.1							8.8	8.0
E	1.7	3.9	5.2	1.2	.1							12.1	7.0
ESE	.2	1.4	.9	1.0	.1							3.7	8.0
SE	.1	1.7	2.2									4.0	6.8
SSE	2.0	3.6	1.1	.2								6.9	4.9
S	2.7	4.0	1.2	.3								8.2	4.9
SSW	.9	3.2	1.4	.3								5.9	5.8
SW	1.4	2.3	.7	.4	.1							5.0	5.5
WSW	2.9	3.3	1.0	.3								7.6	4.6
W	3.8	5.4	1.9	.3								11.4	4.8
WNW	.9	1.9	1.2	.4								4.4	6.2
NW	.7	1.1	1.4	.6								3.8	7.3
NNW	.2	1.6	1.8	.3								3.9	7.0
VARBL													
CALM												1.6	
	20.9	39.3	29.1	8.6	.4		.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

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

8189

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	1.6	.1	.1							5.2	5.8
NNE	.7	1.4	1.0	.2	.1							3.4	6.8
NE	.7	2.1	2.4	2.1								7.3	8.2
ENE	.3	1.9	3.2	1.8	.6							7.8	9.2
E	.8	2.1	3.6	1.3								7.8	7.4
ESE	.6	1.0	1.6	.6								3.7	7.5
SE	.4	.7	.8	.8	.1							2.8	8.1
SSE	.2	.8	.6	.4	.1							2.1	7.9
S	.3	.9	1.6	.6								3.3	7.8
SSW	.3	1.6	1.2	.2								3.3	6.3
SW	1.0	2.2	1.7	.2								5.1	5.7
WSW	1.4	2.7	1.0	.2								5.3	5.0
W	2.6	5.4	2.6									10.6	5.0
WNW	1.2	4.7	2.3	.2								8.4	5.6
NW	1.7	6.0	4.8	.9								13.3	6.2
NNW	.9	3.8	2.7	.3								7.7	6.1
VARBL													
CALM												2.8	
	14.3	39.4	32.4	10.0	1.0							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12610 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	3.7	.9									8.7	3.7
NNE	2.8	2.6	.8									6.1	4.1
NE	1.0	2.3	3.4	2.3	.1							9.2	8.1
ENE	.7	3.2	4.0	2.3								10.2	7.9
E	2.1	4.7	4.7	1.8								13.2	6.8
ESE	.7	1.2	1.3	.6	.1	.1						4.0	7.5
SE	.6	.8	1.0	.4								2.8	7.2
SSE	.2	.6	.4	.2								1.4	6.4
S	.7	1.3	.4	.3								2.8	6.2
SSW	.3	.6	.1									1.0	4.8
SW	.4	.9	.1									1.4	4.1
WSW	.2	1.2	.4									1.9	5.3
W	2.3	2.4	1.1									5.9	4.4
WNW	1.6	3.3	.9									5.8	4.7
NW	3.2	4.0	1.8	.2								9.2	4.6
NNW	3.0	4.0	2.2									9.2	4.6
VARBL													
CALM												7.1	
	23.9	36.8	23.7	8.2	.2	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

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

0818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.2	3.0	.2									8.4	3.1
NNE	4.4	2.3	.7	.2								7.7	4.0
NE	1.6	2.3	4.4	1.9								10.2	7.4
ENE	1.9	5.6	5.7	1.2	.2							14.6	6.7
E	3.8	8.8	8.7	1.1								22.3	6.1
ESE	1.6	2.8	1.2	.1								5.7	4.8
SE	.6	.8	1.3	.2								2.9	6.7
SSE	.6	.9	.9									2.3	5.6
S	.9	.6	.4									1.9	4.6
SSW	.1											.1	2.0
SW	.2	.3	.1									.7	4.3
WSW	.3	.7										1.0	3.8
W	1.1	1.2										2.3	3.6
WNW	1.8	.6	.1									2.4	3.1
NW	1.1	.9	.4									2.4	3.9
NNW	1.3	1.0	.3									2.7	3.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	12.3	
	26.4	31.7	24.6	4.8	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	1.9	.6	.0	.0							5.0	4.0
NNE	2.5	2.4	1.2	.2	.0							6.3	4.7
NE	1.6	2.8	3.2	1.3	.0		.0					9.0	6.8
ENE	2.4	4.3	4.7	1.5	.1							12.9	6.7
E	4.3	7.5	5.2	1.0	.0							18.1	5.7
ESE	1.3	2.5	1.6	.4	.0	.0						5.9	5.9
SE	.9	2.0	1.3	.4	.0							4.6	6.0
SSE	1.0	1.7	.7	.3	.0							3.7	5.6
S	1.0	1.6	.7	.2								3.5	5.3
SSW	.4	.8	.4	.1								1.8	5.5
SW	.6	.9	.4	.1	.0							1.9	5.2
WSW	.9	1.3	.4	.1								2.7	4.7
W	1.7	2.4	.8	.1								5.0	4.5
WNW	1.1	1.7	.7	.1								3.5	4.9
NW	1.1	1.6	1.1	.2								4.1	5.5
NNW	.9	1.5	1.0	.1								3.5	5.3
VARBL													
CALM												8.6	
	24.2	36.8	24.1	6.0	.3	.0	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7199

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

8181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70, 73-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.4	4.7	2.4									11.5	4.5
NNE	5.6	7.8	4.6	.4								18.5	5.1
NE	3.8	5.7	7.3	1.3	.1							18.2	6.3
ENE	2.4	6.7	4.8	1.0	.2							15.1	6.3
E	3.1	5.3	3.0	.3								11.7	5.3
ESE	.5	1.0	1.3	.3	.1							3.2	7.0
SE	.3	.9	.2									1.4	5.3
SSE		.8	.3	.5								1.6	7.9
S	.2	.8	.4									1.4	5.3
SSW	.1	.2										.3	4.0
SW	.2	.4				.1						.8	6.7
WSW	.2	.2			.1	.1						.6	9.2
W	.3	.5										.9	3.9
WNW	.4	.2										.6	2.8
NW	.1	.6	.3	.1								1.2	6.2
NNW	.3	1.2	.1									1.6	4.5
VARBL													
CALM												11.4	
	22.0	37.0	24.8	4.0	.5	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12610 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.3	6.5	3.0	.1								15.9	4.5
NNE	7.8	6.9	3.5	.4								18.7	4.6
NE	2.8	9.4	5.6	1.2								18.9	5.9
ENE	1.9	6.6	3.8	.9	.3							13.4	6.3
E	2.9	4.2	1.8	.1								9.0	4.8
ESE	.3	.3	.3	.3								1.3	6.9
SE	.2	1.0	.6	.2								2.2	6.9
SSE	.1	.9	1.0	.2								2.2	7.3
S	.1	.6	.3									1.1	5.3
SSW	.1	.3	.1									.5	5.2
SW		.2										.2	4.0
WSW		.1			.2							.3	14.7
W	.3	.3	.3	.1								1.1	5.3
WNW	.5	.1	.1									.8	3.3
NW	.5	.4	.1									1.1	4.0
NNW	1.2	.6	.2	.2								2.3	4.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.1	
	25.3	38.3	21.0	3.8	.5							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.4	6.7	2.3									13.3	4.6
NNE	6.3	9.4	5.4	.3								21.4	5.2
NE	3.2	8.6	8.2	1.7								21.7	6.5
ENE	2.6	5.5	4.0	1.2	.1							13.3	6.2
E	1.6	3.5	3.4	.1	.1							8.8	6.0
ESE	.5	.5	.4	.2								1.7	5.8
SE	.1	.6	.8	.2								1.7	7.3
SSE	.3	.9	.8	.5								2.5	7.2
S		.9	.3									1.2	6.4
SSW		.6	.2									.9	6.0
SW	.1	.1										.2	4.5
WSW	.1	.1										.2	4.5
W	.2	.2	.3									.8	5.9
WNW	.3	.1	.1									.5	4.0
NW	.4	.4										.9	3.3
NNW	.5	1.3	.1	.1								2.0	4.7
VARBL													
CALM												8.8	
	20.9	39.5	26.2	4.4	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.1	4.0	.2								8.2	6.5
NNE	.8	2.6	6.1	1.8								11.3	7.9
NE	.2	4.4	11.7	6.0	.2							22.6	9.1
ENE	1.1	3.5	8.9	4.9	.5							19.0	9.1
E	1.7	2.3	5.4	1.7	.1							11.2	7.6
ESE		1.0	1.8	.3								3.1	7.9
SE	.1	1.1	1.9	.3	.2							3.7	8.1
SSE	1.1	1.1	1.1	.5		.1						3.9	6.8
S	.9	1.6	.6	.3								3.4	5.8
SSW	.4	.3	.6	.2	.1							2.2	6.5
SW	.3	.2	.1									.6	3.8
WSW	.4	.5	.1									1.1	4.1
W	.3	.4	.5	.1								1.4	6.0
WNW	.2	.8	.5									1.5	5.5
NW	.3	.8	.9	.1								2.0	6.0
NNW	.6	.9	1.4	.2								3.1	6.4
VARBL													
CALM												1.7	
	9.4	24.9	45.8	16.9	1.2	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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

8193

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) 0[illegible] (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.7	1.6	.1								4.1	6.4
NNE	.5	2.5	3.5	1.0								7.5	7.6
NE	.9	1.8	8.5	4.6	.1							15.9	9.3
ENE	1.5	3.7	7.5	4.9	.5							18.2	9.0
E	.6	1.9	5.4	2.5	.1							10.5	8.8
ESE	.1	.9	1.0	.3	.1							2.4	8.1
SE	.8	1.5	.9	.2								3.3	5.6
SSE	.9	1.6	.4		.3							3.2	6.4
S	.5	1.0	.1	.1								1.7	4.4
SSW	.5	1.5	2.0	.8	.3							5.2	8.3
SW	.4	.6	.8	.2								2.0	6.3
WSW	.5	1.0	.4	.1								2.0	5.5
W	2.0	3.7	1.0									6.7	4.6
WNW	1.0	2.4	2.4									5.7	5.9
NW	.2	1.1	2.9	.5								4.7	7.9
NNW	.3	1.9	3.1	.6								6.0	7.6
VARBL													
CALM												.8	
	11.5	28.7	41.5	16.0	1.5							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.9	1.8	.2								4.0	6.1
NNE	.6	2.4	4.0	1.2	.1							8.3	7.8
NE	.8	3.3	6.2	4.3	.3							15.0	9.0
ENE	.8	3.3	7.5	5.5	.2	.1						17.5	9.3
E	.5	2.4	5.2	1.6	.1							9.8	8.1
ESE	.4	.6	.3	.1								1.5	5.4
SE	.1	.4	.1	.1								.8	6.1
SSE	.2	.1	.1			.1	.2					.8	14.0
S	.5	.2	.4	.3								1.5	5.9
SSW	.4	.8	1.9	.3	.1							3.6	7.5
SW	.4	1.4	.9	.1								2.8	5.8
WSW	.5	1.2	.3	.1	.1							2.3	5.6
W	2.6	2.5	.6	.1								5.8	4.1
WNW	1.4	2.6	1.4	.1								5.5	5.2
NW	1.1	4.8	6.5	.5								12.9	6.8
NNW	.5	1.9	4.1	.2								6.8	7.1
VARBL			---										
CALM	X	X	X	X	X	X	X	X	X	X	X	1.3	
	12.1	28.8	41.6	14.9	1.0	.2	.2					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 929

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

8194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	5.4	1.3	.2								10.4	4.5
NNE	1.7	5.2	3.7	1.3								11.8	6.5
NE	.9	3.0	5.4	3.3	.1							12.7	8.8
ENE	1.4	4.5	6.4	2.9	.2							15.4	8.0
E	1.0	3.9	3.4	1.8	.1							10.2	7.5
ESE	.2	.1	.3	.1								.8	7.3
SE		.5	.3									.9	5.6
SSE		.2		.1								.3	6.3
S	.2	.8	.6	.1				.2				1.9	10.0
SSW	.2	.6	.2	.2								1.3	6.8
SW	.1	1.3	.1	.1								1.6	5.4
WSW	.1	.3	.3									.8	6.0
W	.2	.8	.1									1.1	4.4
WNW	1.1	2.6	.5									4.2	4.4
NW	3.1	4.8	.8	.3								9.0	4.5
NNW	3.1	6.2	2.8									12.2	4.9
VARBL													
CALM												5.4	
	16.9	40.3	26.3	10.5	.4			.2				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.6	4.2	1.4									12.2	3.9
NNE	3.9	4.4	4.9	1.3								14.5	5.9
NE	.9	3.8	8.7	1.7	.2							15.3	7.9
ENE	1.6	6.2	8.9	1.7								18.5	7.0
E	1.2	5.3	6.1	1.3								13.9	6.9
ESE		.5	.1	.1								.8	6.3
SE	.2	.4	.1									.8	4.7
SSE	.2	.5	.5	.1								1.4	6.7
S		.9	.6	.1								1.6	6.9
SSW	.2	.3				.2		.1				.9	13.4
SW	.4	.4	.2									1.1	4.6
WSW	.4											.4	2.3
W	.4	.4	.4									1.3	5.2
WNW	.5	.4		.1								1.1	4.4
NW	1.3	1.1	.2									2.6	3.5
NNW	2.3	2.6	.3	.1								5.3	4.0
VARBL													
CALM												8.6	
	20.1	31.5	32.7	6.6	.2	.2		.1				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

8195

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	4.1	2.2	.1								9.9	4.8
NNE	3.4	5.1	4.5	1.0	.0							14.0	5.9
NE	1.7	5.0	7.7	3.0	.1							17.5	7.8
ENE	1.7	5.0	6.5	2.9	.3	.0						16.3	7.8
E	1.6	3.6	4.2	1.2	.1							10.6	6.9
ESE	.3	.6	.7	.2	.0							1.8	7.0
SE	.2	.8	.5	.1	.0							1.8	6.6
SSE	.3	.8	.5	.3	.0	.0	.0					2.0	7.3
S	.3	.8	.4	.1				.0				1.7	6.3
SSW	.3	.6	.6	.2	.1	.0		.0				1.8	7.7
SW	.3	.6	.3	.1		.0						1.2	5.6
WSW	.3	.4	.1	.0	.1	.0						1.0	5.9
W	.8	1.1	.4	.0								2.4	4.6
WNW	.7	1.1	.6	.0								2.5	5.0
NW	.9	1.8	1.5	.2								4.3	5.8
NNW	1.1	2.1	1.5	.2								4.9	5.6
VARBL													
CALM												6.1	
	17.3	33.6	32.5	9.6	.7	.1	.0	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7438

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.9	5.6	3.6	.4	.1							14.6	5.1
NNE	5.2	5.9	2.3	.6								14.0	4.8
NE	2.1	5.0	2.8	.7								10.6	5.6
ENE	2.1	4.7	3.2	.2								10.2	5.5
E	3.2	4.8	1.4									9.4	4.4
ESE	1.0	1.9	1.4	.1								4.4	5.6
SE	.3	.9	1.7	.1								3.0	6.4
SSE	.8	.7	.2	.2								1.9	5.1
S	.4	1.9	.7									3.0	5.5
SSW	.1	.8	.1	.1								1.1	5.8
SW	.4	.3	.1	.3								1.2	6.4
WSW			.1	.1								.2	9.5
W	.4	.3										.8	3.3
WNW	.4	.4	.7	.1								1.7	5.8
NW	.9	.8	.2	.4								2.3	6.0
NNW	.7	1.2	.4	.6								2.9	6.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	18.7	
	23.1	35.1	19.0	4.0	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

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

9618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12813 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.0	7.1	3.1	1.0								16.2	5.3
NNE	5.6	6.4	3.0	.2								15.2	4.6
NE	2.0	6.4	3.8	.4								12.7	5.7
ENE	2.4	4.7	1.9	.1								9.1	4.9
E	3.0	5.1	.7									8.8	4.1
ESE	.7	1.8	.2									2.7	4.5
SE	.9	.9	1.8	.3								3.9	6.5
SSE	.7	1.9	.8									3.3	5.4
S	1.1	1.3	.7									3.1	4.8
SSW	.3	.3										.7	3.5
SW	.1	.2										.3	4.0
WSW	.1	.3	.2									.7	5.3
W		.3										.3	5.3
WNW	.1	.2	.2									.6	5.8
NW	.4	.4	.4	.3								1.7	6.9
NNW	.7	.8	.6	.8								2.8	7.5
VARBL													
CALM												18.0	
	23.1	38.3	17.3	3.2								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14819	MACDILL AFB FL	67-70,73-78	NOV
STATION	STATION NAME	YEARS	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	4.8	5.7	5.2	.7								16.3	5.5
NNE	5.1	8.9	3.7									17.7	4.8
NE	1.9	6.6	4.7	.6								13.7	6.0
ENE	2.4	4.1	3.7	.4								10.7	5.8
E	3.0	3.2	1.4	.1								7.8	4.6
ESE	1.1	2.8	.4	.1								4.4	4.9
SE	1.6	1.1	1.4	.1								4.2	5.6
SSE	.7	.9	1.3	.1								3.0	6.1
S	.8	1.7	.9	.2								3.6	5.6
SSW	.3	.3		.1								.8	4.4
SW	.1	.1										.2	3.5
WSW		.1										.1	5.0
W	.1											.1	3.0
WNW	.1	.1										.2	3.5
NW	.1	.6	.1	.3								1.1	7.7
NNW	.3	.4	1.2	.2								2.2	7.1
VARBL													
CALM												13.9	
	22.4	36.6	24.1	3.0								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 980

8187

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	4.8	6.6	.6								12.7	7.0
NNE	.6	3.3	6.0	.9								10.8	7.5
NE	1.1	4.9	6.9	2.7								15.6	7.8
ENE	.9	3.6	7.8	2.3								14.6	8.1
E	1.3	2.7	2.9	1.0								7.9	6.8
ESE	.4	1.4	2.2	.3								4.4	7.2
SE	1.7	2.4	3.0	.3								7.5	6.3
SSE	1.6	2.0	1.3	.4	.2							5.6	6.1
S	.9	2.2	.9	.6								4.6	6.1
SSW	.2	.8	.4	.1								1.6	6.1
SW	.1	.2	.3									.7	5.8
WSW	.7	.3										1.0	2.9
W	1.0	.4	.1									1.6	3.4
WNW	.3	.3	.2									.9	4.8
NW	.7	.4	.4	.7								2.2	7.2
NNW	1.2	1.6	1.2	1.0								5.0	6.8
VARBL													
CALM												3.6	
	13.5	31.5	40.4	10.9	.2							100.0	6.8

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)

12610 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.2	3.8	.4								7.0	7.3
NNE	.6	2.8	2.4	.1								5.9	6.6
NE	.4	1.8	4.3	1.1								7.7	8.1
ENE	.6	2.9	4.9	1.6	.1							10.0	8.0
E	.3	1.7	3.3	1.4								6.8	8.3
ESE	.2	.6	1.6	.9								3.2	8.4
SE	.6	1.6	1.9	.2								4.2	6.6
SSE	1.6	1.7	1.4	.1								4.8	5.0
S	1.9	2.3	1.1	.8	.1							6.2	6.1
SSW	.4	2.1	1.4	1.8								5.8	8.4
SW	.7	.8	1.8	.4								3.7	7.2
WSW	1.4	2.3	.6									4.3	4.4
W	2.2	4.7	.6	.2		.2						7.9	5.0
WNW	.8	1.9	1.8	.1								4.6	5.9
NW	.4	2.3	2.9	1.2	.1							7.0	8.0
NNW	.7	2.3	4.8	1.4	.1							9.3	8.0
VARBL													
CALM												1.7	
	13.3	33.9	38.6	11.9	.4	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12819 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.3	2.7	.3								6.2	6.5
NNE	.7	2.3	2.0	.6								5.6	6.8
NE	.7	1.9	2.9	1.1								6.6	7.6
ENE	.2	1.7	3.6	2.3								7.8	9.0
E	.4	2.7	3.4	.9								7.4	7.2
ESE	.7	.8	1.7									3.1	6.2
SE	.2	.1	.4									.8	5.9
SSE	.3	.7	.1									1.1	4.8
S	.4	1.1	1.0	.3								2.9	6.9
SSW	.3	2.4	2.9	1.6								7.2	7.9
SW	.7	2.8	2.2	.6								6.2	6.6
WSW	.9	1.2	1.0	.2								3.3	5.7
W	3.3	1.8	.9	.1	.1	.1						6.3	4.6
WNW	1.7	3.0	2.3	.2								7.2	5.5
NW	2.9	5.6	5.7	1.3								15.4	6.4
NNW	.8	3.0	5.0	.8								9.6	7.3
VARBL													
CALM												3.2	
	15.1	33.3	37.8	10.3	.1	.1						100.0	6.5

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)

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.9	5.9	1.7	.1	.1							14.7	4.1
NNE	2.4	2.3	1.8	.7								7.2	5.5
NE	1.0	2.1	2.0	.7								5.8	6.5
ENE	.8	3.1	3.2	.6								7.7	6.6
E	1.6	4.1	2.2	.2								8.1	5.5
ESE	.3	.4	.1									.9	4.5
SE		.1	.1									.2	6.5
SSE		.1										.1	4.0
S	1.1	1.1	1.3	.4								4.0	6.2
SSW	1.2	1.7	.6									3.4	4.5
SW	1.3	2.2	.1									3.7	4.1
WSW	.7	.3	.3									1.3	4.1
W	.3	1.1	.6	.3								2.8	6.8
WNW	2.0	1.2	.8		.1							4.1	4.8
NW	2.8	5.0	1.9	.4								10.1	5.0
NNW	4.3	6.0	2.1	.9								13.3	5.1
VARBL													
CALM												12.6	
	27.2	36.9	18.8	4.3	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

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

8199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.2	5.7	2.3	.1								15.3	4.3
NNE	3.3	2.4	2.9	.3								9.0	5.2
NE	1.7	3.7	3.1	.7								9.1	5.9
ENE	1.0	4.3	4.3	.1								9.6	6.2
E	2.1	5.9	3.7									11.7	5.5
ESE	.7	.9	.6									2.1	4.7
SE	.2	.7	.3									1.2	4.9
SSE	.6	.6	.1									1.2	3.3
S	1.8	1.6	.8	.2								4.3	4.9
SSW	.3	1.0	.2									1.6	4.8
SW	.7	.1	.2									1.0	3.3
WSW	.3	.3	.1									.8	4.0
W	1.0	.2										1.2	2.4
WNW	1.1	.7	.4	.1		.1						2.4	5.4
NW	1.3	1.2	.9	.9	.1							4.4	6.7
NNW	1.8	1.8	1.4	1.3								6.3	6.5
VARBL													
CALM												18.4	
	25.1	31.0	21.4	3.8	.1	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	4.9	3.6	.5	.0							12.9	5.4
NNE	2.9	4.3	3.0	.4								10.7	5.5
NE	1.4	4.0	3.8	1.0								10.2	6.6
ENE	1.3	3.6	4.1	1.0	.0							10.0	6.8
E	1.9	3.8	2.4	.5								8.5	5.7
ESE	.6	1.3	1.0	.2								3.2	5.9
SE	.7	1.0	1.3	.1								3.1	6.2
SSE	.8	1.1	.7	.1	.0							2.6	5.4
S	1.1	1.7	.9	.3	.0							4.0	5.8
SSW	.4	1.2	.7	.5								2.8	6.8
SW	.5	.8	.6	.2								2.1	5.9
WSW	.5	.6	.3	.0								1.5	4.7
W	1.1	1.1	.3	.1	.0	.0						2.6	4.7
WNW	.8	1.0	.8	.1	.0	.0						2.7	5.4
NW	1.2	2.0	1.6	.7	.0							5.5	6.4
NNW	1.3	2.1	2.1	.9	.0							6.4	6.7
VARBL													
CALM												11.3	
	20.4	34.6	27.7	6.4	.2	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7199

USAFETAC FORM JUL 64 0-8-5 (01,-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

8200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.7	5.7	2.3	.6								14.3	4.7
NNE	3.4	4.3	1.7									9.5	4.4
NE	2.3	3.0	1.9	1.0								8.2	5.6
ENE	2.6	4.5	2.0	.9								10.0	5.5
E	1.7	5.2	2.5	.1								9.5	5.3
ESE	1.2	1.9	1.5	.3								4.9	5.8
SE	1.1	1.7	1.5	.2								4.5	5.8
SSE	.3	1.5	1.6	.9								4.3	7.1
S	1.1	1.8	1.6	.2								4.7	5.9
SSW	.9	.8	.6	.2								2.5	5.3
SW	.8	.9	.2	.2								2.0	4.5
WSW	.4	.4	.3									1.2	4.9
W	.6	.4	.1	.2	.1							1.5	6.1
WNW	.2	.2	.5	.1								1.1	6.5
NW	.8	1.0	.6	.6	.1							3.1	7.2
NNW	1.3	1.0	1.4	1.3	.3							5.3	7.9
VARBL													
CALM												13.4	
	24.3	34.3	20.5	6.9	.5							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.8	5.6	3.7	.3		.2						14.6	5.4
NNE	3.2	6.8	2.0									12.0	4.6
NE	2.3	5.8	2.0									10.1	5.0
ENE	3.3	3.9	2.5	.5								10.2	5.2
E	1.6	4.4	1.1									7.1	4.6
ESE	1.2	3.3	.9	.2								5.6	5.1
SE	1.2	1.3	.8	.3	.3							3.9	6.4
SSE	.8	2.3	1.7	1.0								5.7	7.2
S	1.1	1.4	1.6	.8								4.8	6.6
SSW	.4	.6	.2	.3								1.6	5.9
SW	.4	.1	.1									.6	4.0
WSW	.4	.4	.2									1.1	4.7
W	.8	.2	.1	.1								1.2	4.0
WNW	.3	.5	.1	.4								1.4	7.1
NW	.6	1.2	.4	.5	.1							2.9	7.0
NNW	.3	.4	1.0	1.1	.1	.1						3.0	9.9
VARBL													
CALM												14.1	
	22.8	38.3	18.4	5.6	.5	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

8211

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	7.2	2.8	.6		.1						14.6	5.3
NNE	4.3	6.6	2.4	.5								13.8	4.8
NE	1.3	7.1	2.7	.2								11.3	5.5
ENE	2.7	4.7	2.3	.4								10.1	5.3
E	2.9	4.8	1.3	.1								9.1	4.6
ESE	.8	2.4	1.0									4.1	5.2
SE	.9	1.5	1.9	.2	.1							4.6	6.7
SSE	.4	1.5	1.3	.6								3.9	7.0
S	.8	1.5	2.0	.9								5.2	7.3
SSW	.1		.3	.1								.5	7.6
SW	.5			.1								.6	4.7
WSW	.3			.1								.4	4.3
W	.4	.6	.1	.3	.1							1.6	6.7
WNW	.1	.1	.1	.3	.1	.1						.9	12.9
NW	.2	.9	.5	.6	.3	.1						2.7	9.8
NNW	.3	.6	1.6	.9	.2							3.7	8.9
VARBL													
CALM												12.8	
	19.9	39.6	20.3	6.1	.9	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	4.3	4.8	.9								11.8	6.5
NNE	1.3	3.9	5.1	.9								11.1	6.7
NE	.6	2.3	5.3	1.8								10.0	8.3
ENE	1.2	3.7	6.0	2.0	.1							13.0	7.5
E	1.3	2.8	3.2	1.1								8.4	7.0
ESE	.6	1.9	1.9	.4								4.9	6.6
SE	1.3	2.7	3.4	.3								7.7	6.3
SSE	1.5	2.8	2.7	.9								7.8	6.4
S	1.1	1.5	1.4	1.6								5.6	7.6
SSW	.5	1.5	.4	.3		.1						2.9	6.6
SW	.2	.6	.3									1.2	5.0
WSW	.3	.3	.1				.1					.9	7.1
W	.3	.9	.1	.1								1.4	5.3
WNW	.4		.3	.3								1.1	7.8
NW	.2	.3	1.1	1.4	.1							3.1	10.2
NNW	.4	1.7	2.2	1.7	.3							6.3	8.8
VARBL													
CALM												2.7	
	13.2	31.2	38.4	13.8	.5	.1	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8212

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.0	2.5	.3								6.9	6.4
NNE	.6	1.3	2.2	.4								4.5	7.1
NE	.9	1.9	1.9	1.0								5.7	7.0
ENE	.4	1.8	3.1	1.5								6.9	8.0
E	.5	1.9	2.4	1.6	.3							6.8	8.5
ESE	.3	.9	2.5	.9								4.5	8.2
SE	.5	2.2	2.0	.5								5.3	6.6
SSE	1.2	2.3	1.3	.9								5.6	6.3
S	.9	3.0	1.6	1.3	.3							7.1	7.5
SSW	.8	2.0	3.2	2.0	.2							8.3	8.6
SW	.2	1.6	2.6	1.5								5.9	8.5
WSW	1.2	1.7	.3									3.2	4.3
W	2.6	2.5	.2	.2								5.5	4.0
WNW	.8	.8	.9	.2								2.6	6.1
NW	.3	1.4	4.6	2.5	.1							8.9	9.3
NNW	1.0	2.5	3.5	2.7	.2							9.9	8.5
VARBL													
CALM												2.5	
	13.2	30.8	34.8	17.5	1.2							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.7	1.2	.2								5.5	5.1
NNE	.6	1.6	1.3	.1								3.7	5.9
NE	.2	1.2	1.5	.4	.2							3.5	7.6
ENE	.2	.8	1.7	1.3	.1							4.1	9.2
E	.5	2.3	2.6	1.5		.1						7.1	7.9
ESE	.3	1.3	1.9	.3								3.9	6.8
SE	.6	.8	.6									2.0	5.0
SSE	.8	.6	.4	.2								2.0	5.4
S	.3	.8	2.2	1.6	.1							4.9	9.3
SSW	.6	2.9	3.1	2.8	.2							9.7	8.2
SW	.8	2.9	4.7	.6								9.0	7.1
WSW	1.1	1.2	.4									2.7	4.0
W	2.8	2.5	.4	.1								5.8	3.7
WNW	1.4	2.7	1.7	.2								6.0	5.6
NW	1.3	4.3	5.9	2.3	.1							13.9	7.6
NNW	1.3	3.8	4.7	2.0	.1	.1						12.0	7.8
VARBL													
CALM												4.1	
	14.4	32.2	34.5	13.8	.9	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

8213

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.8	4.7	1.8	.1								12.5	4.1
NNE	2.2	1.8	1.2	.3								5.5	5.1
NE	1.2	.9	.9	.8	.1							3.8	5.9
ENE	.9	2.3	1.5	.5								5.2	6.3
E	2.3	3.6	1.2	.1								7.1	4.7
ESE	.9	.4	.2									1.5	4.1
SE	.6	.2										.9	3.6
SSE	.6	.3	.8	.1								1.8	6.4
S	1.0	1.3	2.0	.4								4.7	6.7
SSW	1.4	2.7	2.2	.5								6.8	5.9
SW	1.9	3.2	.9	.3								6.4	4.7
WSW	.6	.6										1.3	3.4
W	1.0	1.1	.2									2.3	3.7
WNW	1.8	.6	1.1									3.6	4.4
NW	3.7	5.1	2.5	1.0	.1							12.3	5.5
NNW	4.3	5.3	2.9	1.1	.1							13.7	5.5
VARBL													
CALM												10.3	
	30.2	34.2	19.3	5.3	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.0	5.6	2.3	.5								15.4	4.3
NNE	5.1	3.9	1.5									10.5	4.0
NE	2.2	2.5	1.4	1.6	.1							7.8	6.5
ENE	1.9	2.0	2.3	.6	.1							7.0	6.1
E	1.6	4.1	3.6	.2								9.5	5.9
ESE	.6	1.1	.5	.3								2.8	6.2
SE	1.0	1.0	.8	.1								2.8	4.9
SSE	.5	1.0	1.0	.2								2.7	6.0
S	1.8	1.8	1.5	.6								5.8	5.7
SSW	.3	1.3	.3	.1								2.0	5.7
SW	1.1	.3	.6									2.0	4.5
WSW	.9	.5	.2									1.6	4.1
W	.6	.8	.2	.1								1.7	5.1
WNW	.8	.5	.5	.2								2.0	5.4
NW	.3	1.2	1.1	1.0	.1							4.1	7.7
NNW	1.2	2.2	2.6	.3	.1							6.4	6.6
VARBL													
CALM												15.7	
	27.4	29.8	20.6	6.0	.4							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 927

8214

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.9	4.9	2.7	.5		.0						12.0	5.1
NNE	2.6	3.8	2.2	.3								8.8	5.1
NE	1.4	3.1	2.2	.8	.1							7.5	6.4
ENE	.7	3.0	2.7	1.9	.0							8.3	6.4
E	1.6	3.6	2.2	.6	.0	.0						8.1	6.0
ESE	.7	1.7	1.3	.3								4.0	6.1
SE	.9	1.4	1.4	.2	.1							4.0	6.1
SSE	.8	1.5	1.3	.6								4.2	6.6
S	1.0	1.6	1.7	.9	.1							5.4	7.1
SSW	.5	1.5	1.3	.8	.1	.0						4.3	7.2
SW	.7	1.2	1.2	.3								3.5	6.3
WSW	.7	.7	.2	.0			.0					1.5	4.4
W	1.1	1.1	.2	.1	.0							2.6	4.4
WNW	.7	.7	.7	.2	.0	.0						2.3	6.1
NW	1.0	1.9	2.1	1.2	.1	.0						6.4	7.6
NNW	1.3	2.2	2.5	1.4	.2	.0						7.5	7.5
VARBL													
CALM												9.5	
	20.7	33.8	25.9	9.4	.7	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7434

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-79 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.8	1.6	.2	.0	.0						7.2	4.9
NNE	2.1	2.5	1.7	.3	.0							6.5	5.3
NE	1.2	2.3	2.6	.9	.0	.0	.0					7.2	6.9
ENE	1.5	3.2	3.3	1.1	.1	.0						9.2	6.8
E	2.5	4.5	3.6	1.1	.1	.0						11.8	6.2
ESE	.9	1.8	1.4	.4	.0	.0						4.6	6.1
SE	.8	1.9	1.5	.3	.0	.0						4.6	6.2
SSE	.9	1.8	1.2	.4	.0	.0	.0					4.3	6.0
S	1.0	1.9	1.3	.5	.1	.0	.0	.0				4.7	6.4
SSW	.6	1.4	1.4	.7	.1	.0		.0				4.2	7.5
SW	.5	1.3	1.5	.6	.0	.0						4.0	7.2
WSW	.9	1.4	.8	.2	.0	.0	.0					3.3	5.6
W	1.5	2.4	1.0	.2	.0	.0						5.2	5.2
WNW	.9	1.6	1.1	.4	.0	.0						4.0	6.1
NW	.9	1.9	2.0	.7	.1	.0						5.6	6.9
NNW	1.0	1.9	1.8	.5	.0	.0						5.2	6.5
VARBL													
CALM												8.4	
	19.8	34.8	27.8	8.6	.6	.1	.0	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 87624

8215

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-79 (YEARS) ALL (MONTH)

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

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

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	3.6	2.5	.7								9.2	5.8
NNE	2.3	4.0	3.1	.7	.0							10.1	6.0
NE	1.6	2.8	3.1	.6	.3							8.3	6.7
ENE	1.9	3.1	2.9	.9	.1							8.9	6.5
E	2.0	3.4	1.9	1.2	.2	.0						8.6	6.0
ESE	.9	1.9	1.1	.3	.0	.0						4.3	5.1
SE	.6	1.3	.8	.5	.0							3.3	6.7
SSE	1.0	1.6	1.3	.3	.0	.1	.1					4.3	6.7
S	.8	1.5	1.7	.9	.2	.1	.0	.1				5.2	8.4
SSW	.6	.8	1.1	.7	.2			.0				3.4	8.2
SW	.5	1.1	1.0	.5	.1							3.3	7.6
WSW	.6	.6	.7	.2	.0	.0	.0					2.2	7.1
W	.7	.7	.5	.4	.1	.1						2.5	7.5
WNW	.9	.9	.6	.5	.1	.0						3.0	7.0
NW	.7	1.7	1.7	1.5	.3	.1						5.9	8.6
NNW	1.0	1.8	1.8	1.0	.2	.0						5.8	7.6
VARBL													
CALM												11.6	
	16.4	30.7	25.8	16.9	2.0	.4	.1	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3537

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

Beginning in January 1968, METAR stations report visibilities to 6 miles and then great. 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	≥ 1⅞	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
> 1500 ≥ 1200 ≥ 1000					91.0											92.6
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0							96.9									100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.9	60.0	61.1	62.2	62.7	63.0	63.4	63.5	63.9	64.0	64.4	64.4	64.7	65.1	65.3	65.6
≥ 20000	41.0	62.4	63.4	64.5	65.1	65.4	65.8	65.9	66.2	66.3	66.8	66.8	67.1	67.4	67.6	68.0
≥ 18000	41.0	62.5	63.5	64.6	65.2	65.5	65.9	66.0	66.3	66.5	66.9	66.9	67.2	67.5	67.7	68.1
≥ 16000	41.0	62.5	63.5	64.6	65.2	65.5	65.9	66.0	66.3	66.5	66.9	66.9	67.2	67.5	67.7	68.1
≥ 14000	41.5	63.0	64.1	65.2	65.7	66.0	66.5	66.6	66.9	67.0	67.4	67.4	67.7	68.1	68.3	68.6
≥ 12000	42.2	64.2	65.3	66.3	66.9	67.2	67.6	67.7	68.1	68.2	68.6	68.6	68.9	69.2	69.5	69.8
≥ 10000	43.7	67.1	68.2	69.2	69.8	70.1	70.5	70.6	71.0	71.1	71.5	71.5	71.8	72.2	72.4	72.7
≥ 9000	44.2	67.8	68.9	70.0	70.5	70.9	71.3	71.4	71.7	71.8	72.3	72.3	72.6	72.9	73.1	73.4
≥ 8000	44.7	68.8	69.9	71.0	71.5	71.8	72.3	72.4	72.7	72.8	73.2	73.2	73.5	73.9	74.1	74.4
≥ 7000	45.3	70.2	71.3	72.4	72.9	73.2	73.7	73.8	74.1	74.2	74.6	74.6	74.9	75.3	75.5	75.8
≥ 6000	45.7	71.0	72.0	73.1	73.7	74.0	74.4	74.5	74.8	74.9	75.4	75.4	75.7	76.0	76.2	76.6
≥ 5000	46.6	73.0	74.2	75.3	75.8	76.1	76.6	76.7	77.0	77.1	77.5	77.5	77.8	78.2	78.4	78.7
≥ 4500	47.6	74.5	75.7	76.8	77.3	77.6	78.1	78.2	78.5	78.6	79.0	79.0	79.4	79.7	79.9	80.2
≥ 4000	48.7	76.9	78.2	79.4	79.9	80.2	80.6	80.8	81.1	81.2	81.6	81.6	81.9	82.3	82.5	82.8
≥ 3500	49.0	77.6	78.9	80.1	80.6	81.0	81.4	81.5	81.8	81.9	82.4	82.4	82.7	83.0	83.2	83.5
≥ 3000	49.2	78.5	79.9	81.1	81.6	81.9	82.4	82.5	82.8	82.9	83.3	83.3	83.7	84.0	84.2	84.5
≥ 2500	50.1	80.0	81.4	82.7	83.3	83.7	84.3	84.4	84.7	84.8	85.3	85.3	85.6	85.9	86.1	86.5
≥ 2000	50.6	80.6	82.0	83.3	84.1	84.4	85.1	85.2	85.5	85.6	86.0	86.0	86.3	86.7	86.9	87.2
≥ 1800	50.6	80.8	82.2	83.4	84.2	84.5	85.2	85.3	85.6	85.7	86.1	86.1	86.5	86.8	87.0	87.3
≥ 1500	51.0	81.3	82.7	84.0	84.8	85.2	85.8	85.9	86.2	86.5	86.9	86.9	87.2	87.5	87.7	88.1
≥ 1200	51.7	82.6	84.2	85.6	86.5	86.8	87.4	87.5	87.8	88.1	88.5	88.5	88.8	89.1	89.4	89.7
≥ 1000	52.3	83.3	84.9	86.3	87.2	87.5	88.2	88.3	88.6	88.8	89.2	89.2	89.7	90.0	90.3	90.6
≥ 900	52.4	83.7	85.3	86.7	87.5	87.8	88.5	88.6	88.9	89.1	89.6	89.6	90.0	90.3	90.6	91.0
≥ 800	52.5	84.0	85.6	87.0	88.2	88.5	89.1	89.2	89.6	89.9	90.3	90.3	90.8	91.1	91.4	91.7
≥ 700	52.8	84.9	86.6	88.1	89.2	89.6	90.2	90.3	90.6	91.0	91.4	91.4	91.8	92.2	92.5	92.8
≥ 600	52.9	85.3	87.0	88.6	89.9	90.3	91.0	91.1	91.4	91.7	92.2	92.2	92.6	92.9	93.2	93.5
≥ 500	53.2	85.8	87.6	89.5	90.8	91.3	92.0	92.2	92.5	92.8	93.2	93.2	93.7	94.0	94.3	94.6
≥ 400	53.3	86.0	88.0	90.1	91.5	92.4	93.1	93.2	93.5	93.9	94.3	94.3	94.7	95.1	95.4	95.7
≥ 300	53.3	86.9	88.1	90.4	91.9	92.9	94.0	94.1	94.4	94.7	95.2	95.2	95.6	96.0	96.3	96.7
≥ 200	53.4	86.2	88.3	90.8	92.3	93.2	94.3	94.4	94.7	95.2	95.6	95.6	96.0	96.6	97.2	98.0
≥ 100	53.4	86.2	88.3	90.8	92.3	93.2	94.3	94.4	94.8	95.3	95.7	95.7	96.2	96.9	97.6	98.8
≥ 0	53.4	86.2	88.3	90.8	92.3	93.2	94.3	94.4	94.8	95.3	95.7	95.7	96.2	96.9	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	52.4	53.2	54.4	55.9	56.1	57.0	57.6	57.7	57.8	58.5	58.5	58.6	58.6	58.9	59.8
≥ 20000	33.4	55.2	56.1	57.4	58.9	59.1	60.2	60.9	61.0	61.1	61.7	61.7	61.8	61.8	62.2	63.0
≥ 18000	33.5	55.5	56.5	57.7	59.2	59.5	60.5	61.2	61.3	61.4	62.0	62.0	62.2	62.2	62.5	63.3
≥ 16000	33.5	55.5	56.5	57.7	59.2	59.5	60.5	61.2	61.3	61.4	62.0	62.0	62.2	62.2	62.5	63.3
≥ 14000	33.7	55.6	56.6	57.8	59.4	59.6	60.6	61.3	61.4	61.5	62.2	62.2	62.3	62.3	62.6	63.4
≥ 12000	34.3	56.5	57.4	58.7	60.2	60.4	61.5	62.2	62.3	62.4	63.0	63.0	63.1	63.1	63.4	64.3
≥ 10000	35.2	58.5	59.5	60.8	62.3	62.5	63.5	64.2	64.3	64.4	65.1	65.1	65.2	65.2	65.5	66.3
≥ 9000	35.2	59.2	60.3	61.6	63.1	63.3	64.4	65.1	65.2	65.3	65.9	65.9	66.0	66.0	66.3	67.2
≥ 8000	35.6	60.4	61.6	62.9	64.4	64.6	65.7	66.3	66.5	66.6	67.2	67.2	67.3	67.3	67.6	68.5
≥ 7000	36.1	61.5	62.7	64.0	65.5	65.7	66.8	67.4	67.5	67.6	68.3	68.3	68.4	68.4	68.7	69.6
≥ 6000	36.5	62.2	63.3	64.6	66.2	66.5	67.5	68.2	68.3	68.5	69.1	69.1	69.2	69.2	69.6	70.4
≥ 5000	37.3	64.4	65.7	67.0	68.6	68.8	69.9	70.5	70.6	70.9	71.5	71.5	71.6	71.6	71.9	72.8
≥ 4500	38.4	65.8	67.1	68.4	70.0	70.2	71.3	71.9	72.0	72.3	72.9	72.9	73.0	73.0	73.3	74.2
≥ 4000	39.6	68.9	70.3	71.6	73.3	73.5	74.6	75.4	75.5	75.7	76.5	76.5	76.7	76.7	77.0	77.8
≥ 3500	40.3	70.5	71.9	73.2	74.9	75.2	76.2	77.0	77.1	77.3	78.1	78.1	78.3	78.3	78.6	79.5
≥ 3000	40.9	71.7	73.1	74.4	76.2	76.5	77.5	78.4	78.5	78.7	79.5	79.5	79.7	79.7	80.0	80.9
≥ 2500	41.5	73.4	74.9	76.3	78.2	78.4	79.7	80.6	80.8	81.0	81.7	81.7	81.9	81.9	82.3	83.1
≥ 2000	42.3	74.9	76.6	78.0	79.8	80.2	81.5	82.5	82.6	82.8	83.5	83.5	83.8	83.8	84.1	84.9
≥ 1800	42.3	75.1	76.7	78.1	79.9	80.3	81.6	82.6	82.7	82.9	83.7	83.7	83.9	83.9	84.2	85.1
≥ 1500	43.1	76.3	78.1	79.6	81.4	81.8	83.3	84.3	84.4	84.6	85.4	85.4	85.6	85.6	85.9	86.8
≥ 1200	44.0	77.8	79.7	81.4	83.2	83.7	85.2	86.2	86.3	86.6	87.3	87.3	87.5	87.5	87.8	88.7
≥ 1000	44.2	78.5	80.3	82.0	84.0	84.4	85.9	87.0	87.1	87.3	88.1	88.1	88.3	88.3	88.6	89.5
≥ 900	44.5	79.4	81.2	82.9	84.8	85.3	86.8	87.8	88.0	88.2	88.9	88.9	89.1	89.2	89.6	90.4
≥ 800	44.7	79.8	81.6	83.4	85.6	86.0	87.5	88.6	88.7	88.9	89.7	89.7	89.9	90.0	90.3	91.2
≥ 700	44.7	79.8	81.6	83.4	85.7	86.1	87.6	88.7	88.8	89.0	89.8	89.8	90.0	90.1	90.4	91.3
≥ 600	45.1	80.3	82.2	84.0	86.3	86.8	88.3	89.5	89.6	89.9	90.6	90.6	90.9	91.0	91.3	92.2
≥ 500	45.2	80.4	82.5	84.3	86.8	87.5	89.0	90.4	90.5	90.9	91.6	91.6	91.8	91.9	92.3	93.1
≥ 400	45.6	81.0	83.3	85.3	87.7	88.8	90.3	92.0	92.2	92.5	93.2	93.3	93.7	93.8	94.1	94.9
≥ 300	45.6	81.0	83.3	85.3	88.1	89.2	90.9	92.7	92.9	93.7	94.5	94.7	95.1	95.2	95.5	96.3
≥ 200	45.6	81.0	83.5	85.5	88.5	89.7	91.3	93.2	93.4	94.5	95.5	95.7	96.1	96.2	96.7	97.6
≥ 100	45.6	81.0	83.5	85.5	88.5	89.7	91.3	93.2	93.5	94.7	95.7	95.9	96.3	96.5	97.0	98.9
0	45.6	81.0	83.5	85.5	88.5	89.7	91.3	93.2	93.5	94.7	95.7	95.9	96.3	96.5	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8055

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	24.9	44.7	47.7	49.0	51.2	51.6	53.2	54.0	54.3	54.9	55.8	55.8	55.9	56.1	56.2	56.1
≥ 20000	25.5	47.3	50.5	52.0	54.2	54.6	56.2	57.0	57.3	58.1	58.9	58.9	59.0	59.2	59.4	61.2
≥ 18000	25.5	47.3	50.5	52.2	54.3	54.7	56.3	57.1	57.4	58.2	59.0	59.0	59.1	59.4	59.5	61.3
≥ 16000	25.5	47.4	50.6	52.3	54.4	54.8	56.5	57.2	57.5	58.3	59.1	59.1	59.2	59.5	59.6	61.4
≥ 14000	25.5	47.5	50.8	52.4	54.5	54.9	56.6	57.3	57.6	58.4	59.2	59.2	59.4	59.6	59.7	61.5
≥ 12000	26.1	48.9	52.2	53.8	55.9	56.3	58.0	58.8	59.1	59.9	60.8	60.8	60.9	61.1	61.2	63.0
≥ 10000	27.4	51.4	54.8	56.5	58.6	59.1	60.8	61.6	61.9	62.7	63.5	63.5	63.7	63.9	64.0	65.8
≥ 9000	27.5	51.8	55.4	57.0	59.1	59.7	61.3	62.2	62.5	63.2	64.1	64.1	64.2	64.4	64.5	66.3
≥ 8000	28.1	53.5	57.2	58.8	61.2	61.8	63.4	64.3	64.6	65.5	66.3	66.3	66.5	66.7	66.8	68.6
≥ 7000	28.1	54.1	57.7	59.4	61.7	62.4	64.0	64.8	65.2	66.0	66.9	66.9	67.0	67.2	67.3	69.1
≥ 6000	28.2	54.8	58.6	60.2	62.6	63.2	64.8	65.7	66.0	66.9	67.7	67.7	67.8	68.1	68.2	70.0
≥ 5000	28.8	56.7	60.5	62.2	64.6	65.3	66.9	67.7	68.1	68.9	69.8	69.8	69.9	70.1	70.2	72.0
≥ 4500	29.7	58.1	61.9	63.8	66.2	66.9	68.5	69.4	69.7	70.5	71.4	71.4	71.5	71.7	71.8	73.7
≥ 4000	29.9	59.6	63.7	65.7	68.2	68.8	70.4	71.3	71.6	72.5	73.3	73.4	73.5	73.8	73.9	75.7
≥ 3500	30.2	61.8	66.1	68.2	70.6	71.3	72.9	73.8	74.1	74.9	75.8	75.9	76.0	76.2	76.3	78.2
≥ 3000	30.6	63.5	68.0	70.0	72.5	73.1	74.7	75.6	75.9	76.8	77.6	77.7	77.8	78.1	78.2	80.0
≥ 2500	31.1	64.5	68.9	71.0	73.4	74.1	75.7	76.6	76.9	77.7	78.6	78.7	78.8	79.0	79.1	81.0
≥ 2000	31.5	65.7	70.3	72.5	75.3	76.0	77.6	78.5	78.8	79.8	80.8	80.9	81.0	81.2	81.3	83.1
≥ 1800	31.7	66.2	70.9	73.2	76.0	76.8	78.4	79.2	79.6	80.5	81.5	81.6	81.7	81.9	82.0	83.9
≥ 1500	32.3	67.5	72.2	74.7	77.6	78.4	80.0	81.0	81.3	82.3	83.2	83.3	83.4	83.7	83.8	85.6
≥ 1200	32.4	68.1	72.7	75.5	78.4	79.1	81.0	81.9	82.3	83.2	84.2	84.3	84.4	84.6	84.7	86.6
≥ 1000	32.8	68.9	73.8	77.1	80.1	80.9	82.7	83.7	84.0	84.9	85.9	86.0	86.1	86.3	86.5	88.3
≥ 900	33.0	69.6	74.5	78.0	81.0	81.7	83.5	84.5	84.8	85.8	86.8	86.9	87.0	87.2	87.3	89.1
≥ 800	33.1	69.9	74.9	78.4	81.4	82.2	84.0	84.9	85.3	86.2	87.2	87.3	87.4	87.6	87.7	89.6
≥ 700	33.2	70.4	75.6	79.0	82.2	83.0	84.8	85.9	86.2	87.2	88.2	88.3	88.5	88.7	88.9	90.8
≥ 600	33.3	71.0	76.1	79.6	82.9	83.8	85.6	86.9	87.2	88.3	89.2	89.4	89.6	89.8	90.0	91.8
≥ 500	33.4	71.2	76.5	80.0	83.4	84.3	86.2	87.6	88.0	89.0	90.0	90.1	90.3	90.5	90.8	92.6
≥ 400	33.4	71.3	76.8	80.4	84.0	84.9	87.0	88.9	89.2	90.3	91.3	91.4	91.8	92.2	92.4	94.2
≥ 300	33.4	71.4	77.0	80.6	84.2	85.4	87.5	89.7	90.0	91.1	92.0	92.2	92.6	92.9	93.1	95.2
≥ 200	33.4	71.4	77.0	80.6	84.2	85.4	87.5	89.6	90.2	91.4	92.5	92.7	93.5	94.0	94.4	96.8
≥ 100	33.4	71.4	77.0	80.6	84.2	85.4	87.5	89.8	90.2	91.6	92.7	92.9	93.9	94.5	95.1	98.4
0	33.4	71.4	77.0	80.6	84.2	85.4	87.5	89.8	90.2	91.6	92.7	92.9	93.9	94.5	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	26.9	48.1	50.6	51.8	53.8	54.4	55.2	55.9	56.2	56.7	56.7	56.7	57.1	57.1	57.4	57.7
≥ 20000	29.2	53.7	56.6	57.7	60.0	60.6	61.5	62.4	62.7	63.1	63.2	63.2	63.7	63.7	64.0	64.3
≥ 18000	29.2	54.0	57.0	58.2	60.4	61.1	61.9	62.8	63.1	63.5	63.7	63.7	64.1	64.1	64.4	64.7
≥ 16000	29.4	54.3	57.3	58.5	60.8	61.4	62.3	63.1	63.4	63.9	64.0	64.0	64.4	64.4	64.7	65.1
≥ 14000	29.8	54.9	58.0	59.2	61.7	62.5	63.3	64.2	64.5	64.9	65.1	65.1	65.5	65.5	65.8	66.1
≥ 12000	30.0	56.0	59.0	60.3	62.8	63.5	64.4	65.3	65.6	66.0	66.1	66.1	66.6	66.6	66.9	67.2
≥ 10000	30.4	59.	62.3	63.5	66.0	66.9	67.7	68.6	68.9	69.4	69.5	69.5	69.9	69.9	70.2	70.5
≥ 9000	30.4	59.2	62.5	63.8	66.2	67.1	68.0	68.8	69.1	69.6	69.7	69.7	70.1	70.1	70.4	70.8
≥ 8000	30.4	60.0	63.4	64.8	67.3	68.2	69.0	70.0	70.3	70.8	70.9	70.9	71.3	71.3	71.6	71.9
≥ 7000	30.6	60.9	64.3	65.7	68.2	69.1	70.0	71.0	71.3	71.7	71.8	71.8	72.3	72.3	72.6	72.9
≥ 6000	31.0	61.7	65.4	66.8	69.2	70.2	71.1	72.0	72.4	72.8	72.9	72.9	73.3	73.3	73.7	74.0
≥ 5000	31.0	62.8	66.5	67.8	70.4	71.4	72.3	73.2	73.7	74.1	74.2	74.2	74.6	74.6	74.9	75.3
≥ 4500	31.3	63.5	67.3	68.7	71.3	72.3	73.1	74.1	74.5	74.9	75.1	75.1	75.5	75.5	75.8	76.1
≥ 4000	31.6	64.8	69.1	70.6	73.3	74.3	75.2	76.1	76.6	77.0	77.1	77.1	77.5	77.5	77.8	78.2
≥ 3500	32.0	66.5	70.9	72.4	75.1	76.0	76.9	77.8	78.3	78.7	78.8	78.8	79.2	79.2	79.6	79.9
≥ 3000	32.6	68.1	72.6	74.1	76.8	77.7	78.6	79.6	80.0	80.4	80.5	80.5	81.1	81.1	81.4	81.7
≥ 2500	32.9	70.2	74.8	76.3	79.2	80.3	81.2	82.2	82.7	83.1	83.2	83.2	83.8	83.8	84.1	84.4
≥ 2000	33.1	71.8	76.2	77.8	80.9	81.9	82.8	83.9	84.4	84.8	84.9	84.9	85.5	85.5	85.8	86.1
≥ 1800	33.2	71.9	76.6	78.2	81.2	82.3	83.1	84.2	84.7	85.2	85.3	85.3	85.8	85.8	86.1	86.5
≥ 1500	33.3	73.1	78.3	79.6	82.6	83.8	84.8	85.9	86.5	86.9	87.0	87.0	87.5	87.5	87.8	88.2
≥ 1200	33.7	73.5	78.5	80.3	83.4	84.6	85.9	87.0	87.5	88.1	88.2	88.2	88.7	88.8	89.1	89.5
≥ 1000	33.9	74.4	79.5	81.4	84.5	85.7	87.2	88.3	88.8	89.4	89.6	89.6	90.1	90.2	90.5	90.9
≥ 900	33.9	74.5	79.6	81.5	84.6	86.0	87.5	88.8	89.4	89.9	90.1	90.1	90.6	90.8	91.1	91.4
≥ 800	33.9	74.7	80.1	82.4	85.5	86.9	88.4	89.8	90.3	90.9	91.2	91.2	91.7	91.8	92.2	92.5
≥ 700	33.9	74.9	80.4	82.8	85.9	87.3	89.0	90.6	91.2	91.7	92.0	92.0	92.6	92.8	93.1	93.4
≥ 600	33.9	75.3	80.8	83.2	86.3	87.8	89.7	91.3	91.8	92.4	92.7	92.7	93.2	93.4	93.8	94.1
≥ 500	33.9	75.4	81.0	83.4	86.7	88.5	90.4	92.2	92.7	93.3	93.7	93.7	94.4	94.6	94.9	95.3
≥ 400	33.9	75.5	81.1	83.5	87.1	89.0	91.3	93.0	93.5	94.3	94.8	94.8	95.6	95.8	96.2	96.6
≥ 300	33.9	75.5	81.1	83.5	87.1	89.1	91.4	93.3	94.2	94.9	95.5	95.6	96.5	96.7	97.1	97.6
≥ 200	33.9	75.5	81.1	83.7	87.2	89.2	91.5	93.5	94.4	95.3	95.9	96.0	96.9	97.1	97.6	98.6
≥ 100	33.9	75.5	81.1	83.7	87.2	89.2	91.5	93.5	94.4	95.3	95.9	96.0	97.1	97.3	97.8	99.5
0	33.9	75.5	81.1	83.7	87.2	89.2	91.5	93.5	94.4	95.3	95.9	96.0	97.1	97.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

9508

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	42.3	60.3	60.9	61.2	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	46.9	69.2	69.8	70.3	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	46.9	69.7	70.2	70.8	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 16000	47.2	70.1	70.6	71.2	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	47.3	70.8	71.3	71.8	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	47.8	71.9	72.5	73.0	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	48.9	74.9	75.5	76.1	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	49.0	75.1	75.6	76.2	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 8000	49.2	76.7	77.3	78.1	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	49.4	78.1	78.7	79.5	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	50.0	78.8	79.5	80.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	50.0	79.9	80.6	81.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500	50.1	80.6	81.6	82.4	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4000	50.9	82.8	83.9	84.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	51.3	84.4	85.6	86.7	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	51.6	85.2	86.5	87.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	52.2	86.9	88.2	89.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	52.7	88.3	89.7	90.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	52.8	89.0	90.4	91.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	52.8	90.1	91.7	92.9	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	53.2	91.3	92.9	94.3	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	53.2	91.9	93.8	95.2	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	53.2	92.0	94.0	95.4	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	53.2	92.0	94.1	95.6	97.2	97.5	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	53.2	92.3	94.3	96.0	97.8	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	53.2	92.3	94.3	96.0	98.0	98.5	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	53.2	92.3	94.3	96.2	98.2	98.7	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	53.2	92.4	94.4	96.3	98.3	98.8	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	53.2	92.4	94.4	96.3	98.3	98.8	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	53.2	92.4	94.4	96.3	98.3	98.8	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	53.2	92.4	94.4	96.3	98.3	98.8	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.2	92.4	94.4	96.3	98.3	98.8	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.3	58.1	58.5	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	50.8	68.4	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 18000	50.8	68.4	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	50.9	68.7	69.1	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000	51.6	70.2	70.6	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	52.9	72.2	72.6	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	54.5	75.1	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	54.6	75.5	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	56.2	78.6	79.2	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	56.8	79.6	80.2	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	57.0	80.4	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	57.3	81.7	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	57.7	82.6	83.5	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	58.3	84.2	85.4	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	59.1	86.5	87.6	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	60.1	88.5	89.7	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	60.9	90.5	91.7	92.0	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	61.4	92.7	93.9	94.2	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	61.5	93.0	94.2	94.5	95.1	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	61.6	94.3	95.5	96.0	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	61.7	95.1	96.3	96.9	97.5	97.5	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	61.9	95.5	96.8	97.3	98.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	61.9	95.7	97.0	97.5	98.4	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	61.9	95.7	97.0	97.5	98.4	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	61.9	95.8	97.3	97.8	98.7	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	61.9	95.9	97.4	98.0	98.9	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	61.9	96.1	97.6	98.2	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	61.9	96.2	97.7	98.3	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	61.9	96.2	97.7	98.3	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	61.9	96.2	97.7	98.3	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	61.9	96.2	97.7	98.3	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0	61.9	96.2	97.7	98.3	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

7508

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES): ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	0
NO CEILING	44.8	62.0	62.6	62.8	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
≥ 20000	48.4	68.9	69.5	69.7	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 18000	48.4	68.9	69.5	69.7	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 16000	48.4	69.0	69.6	69.8	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 14000	48.5	69.9	70.4	70.6	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 12000	49.4	71.8	72.4	72.6	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
≥ 10000	51.1	74.8	75.4	75.6	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 9000	51.1	75.3	75.8	76.0	76.3	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
≥ 8000	52.4	77.4	78.0	78.3	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0
≥ 7000	52.8	78.7	79.2	79.6	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
≥ 6000	53.5	80.1	80.6	81.0	81.4	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
≥ 5000	54.1	81.6	82.2	82.6	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7
≥ 4500	55.3	83.0	83.5	84.0	84.5	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1
> 4000	55.7	84.7	85.4	85.8	86.3	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 3500	56.2	86.5	87.1	87.7	88.3	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 3000	56.5	87.3	88.1	88.7	89.2	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 2500	56.8	88.3	89.4	90.0	90.5	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 2000	57.4	90.2	91.4	92.2	92.7	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 1800	57.6	90.5	91.7	92.5	93.0	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7
≥ 1500	57.8	91.7	93.0	93.8	94.3	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.1
≥ 1200	58.8	93.3	94.7	95.5	96.1	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.0
≥ 1000	58.9	93.7	95.1	95.8	96.5	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3
≥ 900	59.0	94.2	95.7	96.5	97.1	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	98.0
≥ 800	59.1	94.5	96.1	96.9	97.5	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.5
≥ 700	59.2	94.6	96.2	97.0	97.6	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6
≥ 600	59.2	94.6	96.3	97.1	97.7	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 500	59.2	94.8	96.7	97.4	98.2	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.5
≥ 400	59.2	94.8	96.7	97.4	98.4	98.7	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9
≥ 300	59.2	94.8	96.7	97.4	98.4	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.9	100.0
≥ 200	59.2	94.8	96.7	97.4	98.4	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.9	100.0
≥ 100	59.2	94.8	96.7	97.4	98.4	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.9	100.0
≥ 0	59.2	94.8	96.7	97.4	98.4	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥0	≥0
NO CEILING	46.3	64.5	65.5	66.2	66.8	66.9	67.0	67.0	67.0	67.1	67.2	67.2	67.6	67.8	67.9	68.0
≥ 20000	47.7	68.8	69.5	70.2	70.8	70.9	71.0	71.0	71.0	71.1	71.2	71.2	71.6	71.8	71.8	71.9
≥ 18000	47.7	68.8	69.5	70.2	70.8	70.9	71.0	71.0	71.0	71.1	71.2	71.2	71.6	71.8	71.8	71.9
≥ 16000	47.7	68.8	69.5	70.2	70.8	70.9	71.0	71.0	71.0	71.1	71.2	71.2	71.6	71.8	71.8	71.9
≥ 14000	48.2	69.4	70.0	70.8	71.3	71.4	71.5	71.5	71.5	71.6	71.7	71.7	72.2	72.4	72.4	72.5
≥ 12000	48.5	69.9	70.5	71.3	71.8	71.9	72.0	72.0	72.0	72.2	72.3	72.3	72.7	72.9	72.9	73.0
≥ 10000	49.8	73.7	74.3	75.1	75.6	75.7	75.8	75.8	75.8	75.9	76.0	76.0	76.5	76.7	76.7	76.8
≥ 9000	49.9	74.1	74.7	75.5	76.0	76.1	76.2	76.2	76.2	76.3	76.5	76.5	76.9	77.1	77.1	77.2
≥ 8000	50.9	76.1	76.9	77.5	78.1	78.2	78.3	78.3	78.3	78.4	78.5	78.5	78.9	79.1	79.1	79.2
≥ 7000	51.5	77.5	78.3	79.0	79.6	79.7	79.8	79.8	79.8	79.9	80.0	80.0	80.4	80.5	80.6	80.7
≥ 6000	52.4	78.5	79.2	80.0	80.5	80.6	80.8	80.8	80.8	80.9	81.0	81.0	81.4	81.5	81.6	81.7
≥ 5000	53.0	79.6	80.3	81.1	81.6	81.7	81.9	81.9	81.9	82.0	82.2	82.2	82.6	82.8	82.8	82.9
≥ 4500	53.7	80.3	81.1	81.8	82.4	82.5	82.7	82.7	82.7	82.8	82.9	82.9	83.3	83.5	83.5	83.7
≥ 4000	54.7	82.7	83.4	84.3	84.8	84.9	85.2	85.2	85.2	85.3	85.4	85.4	85.8	86.0	86.0	86.1
≥ 3500	55.4	84.1	84.8	85.7	86.2	86.3	86.6	86.6	86.6	86.7	86.8	86.8	87.2	87.4	87.4	87.5
≥ 3000	55.4	84.9	85.7	86.6	87.1	87.2	87.4	87.4	87.4	87.5	87.6	87.6	88.1	88.3	88.3	88.4
≥ 2500	55.7	86.1	86.9	87.7	88.3	88.4	88.6	88.6	88.6	88.7	88.8	88.8	89.2	89.5	89.5	89.6
≥ 2000	56.1	86.8	87.5	88.5	89.1	89.2	89.5	89.5	89.5	89.6	89.7	89.7	90.1	90.3	90.3	90.4
≥ 1800	56.1	86.8	87.5	88.5	89.1	89.2	89.5	89.5	89.5	89.6	89.7	89.7	90.1	90.3	90.3	90.4
≥ 1500	56.3	87.1	88.0	88.9	89.7	89.8	90.0	90.0	90.0	90.1	90.2	90.2	90.6	90.9	90.9	91.0
≥ 1200	57.3	88.8	89.6	90.8	91.5	91.6	91.9	91.9	91.9	92.0	92.2	92.2	92.6	92.8	92.8	92.9
≥ 1000	57.6	89.6	90.5	91.5	92.3	92.4	92.7	92.7	92.7	92.8	92.9	92.9	93.3	93.5	93.5	93.7
≥ 900	57.6	89.6	90.5	91.5	92.3	92.6	92.9	92.9	92.9	93.0	93.1	93.1	93.5	93.8	93.8	93.9
≥ 800	57.6	90.0	91.0	91.9	92.7	93.0	93.3	93.3	93.3	93.4	93.5	93.5	94.0	94.2	94.2	94.3
≥ 700	57.8	90.5	91.7	92.9	93.8	94.1	94.4	94.4	94.4	94.5	94.6	94.6	95.1	95.3	95.3	95.4
≥ 600	57.8	90.8	92.0	93.5	94.5	94.8	95.3	95.3	95.4	95.5	95.6	95.6	96.0	96.2	96.2	96.3
≥ 500	57.8	91.1	92.4	93.9	94.8	95.2	95.6	95.6	95.7	95.8	95.9	95.9	96.5	96.7	96.7	96.9
≥ 400	57.8	91.2	92.6	94.2	95.4	95.7	96.2	96.2	96.3	96.5	96.6	96.6	97.1	97.3	97.3	97.5
≥ 300	57.8	91.2	92.6	94.3	95.6	95.9	96.7	96.7	96.8	97.0	97.1	97.1	97.6	97.8	97.8	98.1
≥ 200	57.8	91.2	92.6	94.3	95.8	96.1	96.9	97.0	97.4	97.6	97.8	97.8	98.5	98.7	98.7	99.1
≥ 100	57.8	91.2	92.6	94.3	95.8	96.1	96.9	97.0	97.4	97.6	97.8	97.8	98.6	98.8	98.9	99.4
0	57.8	91.2	92.6	94.3	95.8	96.1	96.9	97.0	97.4	97.5	97.8	97.8	98.6	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8058

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.8	56.3	57.5	58.3	59.2	59.5	60.0	60.3	60.4	60.6	60.8	60.8	61.0	61.1	61.2	61.7
≥ 20000	40.4	61.7	63.0	63.9	64.9	65.1	65.7	66.0	66.1	66.3	66.6	66.6	66.7	66.8	67.0	67.4
≥ 18000	40.4	61.9	63.2	64.0	65.1	65.3	65.8	66.2	66.3	66.5	66.7	66.7	66.9	67.0	67.1	67.6
≥ 16000	40.4	62.0	63.3	64.2	65.2	65.5	66.0	66.3	66.5	66.6	66.9	66.9	67.1	67.2	67.3	67.7
≥ 14000	40.8	62.7	64.0	64.8	65.9	66.1	66.7	67.0	67.1	67.3	67.6	67.6	67.8	67.8	68.0	68.4
≥ 12000	41.4	63.9	65.2	66.1	67.2	67.4	67.9	68.3	68.4	68.6	68.9	68.9	69.0	69.1	69.2	69.7
≥ 10000	42.6	66.8	68.2	69.0	70.1	70.4	70.9	71.3	71.4	71.6	71.8	71.8	72.0	72.1	72.2	72.7
≥ 9000	42.7	67.3	68.6	69.5	70.6	70.8	71.4	71.7	71.9	72.0	72.3	72.3	72.5	72.6	72.7	73.1
≥ 8000	43.4	69.0	70.4	71.3	72.4	72.7	73.3	73.6	73.7	73.9	74.2	74.2	74.4	74.5	74.6	75.0
≥ 7000	43.8	70.1	71.6	72.5	73.6	73.9	74.4	74.8	74.9	75.1	75.4	75.4	75.5	75.6	75.8	76.2
≥ 6000	44.3	70.9	72.5	73.4	74.5	74.8	75.4	75.7	75.8	76.1	76.3	76.3	76.5	76.6	76.7	77.2
≥ 5000	44.8	72.5	74.1	75.0	76.2	76.5	77.0	77.4	77.5	77.7	78.0	78.0	78.2	78.3	78.4	78.8
≥ 4500	45.5	73.6	75.2	76.2	77.4	77.6	78.2	78.6	78.7	78.9	79.2	79.2	79.4	79.5	79.6	80.0
≥ 4000	46.2	75.6	77.4	78.5	79.7	80.0	80.5	80.9	81.0	81.3	81.5	81.6	81.7	81.8	82.0	82.4
≥ 3500	46.7	77.2	79.1	30.2	81.4	81.7	82.3	82.6	82.8	83.0	83.3	83.3	83.5	83.6	83.7	84.2
≥ 3000	47.1	78.5	80.4	81.5	82.7	83.0	83.6	84.0	84.1	84.3	84.6	84.6	84.8	84.9	85.1	85.5
≥ 2500	47.6	80.0	82.0	83.2	84.4	84.7	85.4	85.8	85.9	86.1	86.4	86.4	86.6	86.7	86.8	87.3
≥ 2000	48.1	81.4	83.5	84.7	86.0	86.4	87.0	87.4	87.6	87.8	88.1	88.1	88.3	88.4	88.5	89.0
≥ 1800	48.2	81.7	83.8	85.0	86.4	86.7	87.4	87.8	88.0	88.2	88.5	88.5	88.7	88.8	88.9	89.4
≥ 1500	48.5	82.7	84.5	86.2	87.6	88.0	88.7	89.2	89.3	89.6	89.9	89.9	90.1	90.2	90.3	90.7
≥ 1200	49.1	83.8	86.1	87.5	89.1	89.4	90.2	90.7	90.8	91.1	91.4	91.4	91.6	91.7	91.9	92.3
≥ 1000	49.4	84.5	86.8	88.3	89.9	90.3	91.2	91.6	91.8	92.0	92.4	92.4	92.6	92.7	92.8	93.3
≥ 900	49.4	84.8	87.2	88.7	90.3	90.8	91.6	92.1	92.3	92.6	92.9	92.9	93.1	93.2	93.4	93.8
≥ 800	49.5	85.1	87.6	89.1	90.8	91.3	92.1	92.6	92.8	93.1	93.4	93.4	93.6	93.8	93.9	94.3
≥ 700	49.6	85.4	88.0	89.6	91.4	91.9	92.8	93.3	93.5	93.8	94.1	94.1	94.3	94.5	94.6	95.1
≥ 600	49.7	85.7	88.3	90.0	91.8	92.4	93.3	93.9	94.0	94.4	94.7	94.7	94.9	95.1	95.2	95.7
≥ 500	49.7	85.9	88.6	90.4	92.2	92.9	93.9	94.5	94.7	95.1	95.4	95.4	95.7	95.8	96.0	96.4
≥ 400	49.8	86.0	88.8	90.7	92.7	93.5	94.5	95.3	95.5	95.8	96.2	96.2	96.5	96.7	96.9	97.3
≥ 300	49.8	86.1	88.9	90.8	92.8	93.7	94.8	95.7	95.9	96.3	96.7	96.8	97.1	97.3	97.4	98.0
≥ 200	49.8	86.1	88.9	90.9	93.0	93.8	95.0	95.9	96.2	96.7	97.1	97.2	97.6	97.8	98.1	98.7
≥ 100	49.8	86.1	88.9	90.9	93.0	93.8	95.0	95.9	96.2	96.7	97.2	97.2	97.7	98.0	98.3	99.4
0	49.8	86.1	88.9	90.9	93.0	93.8	95.0	95.9	96.2	96.7	97.2	97.2	97.7	98.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12816 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.3	66.7	67.8	68.4	69.2	69.2	69.5	69.7	69.7	69.7	69.8	69.8	70.1	70.1	70.1	70.3
≥ 20000	46.5	68.9	69.9	70.5	71.4	71.4	71.6	71.8	71.8	71.8	72.0	72.0	72.2	72.2	72.2	72.4
≥ 18000	46.5	68.	69.9	70.5	71.4	71.4	71.6	71.8	71.8	71.8	72.0	72.0	72.2	72.2	72.2	72.4
≥ 16000	46.5	68	69.9	70.5	71.4	71.4	71.6	71.8	71.8	71.8	72.0	72.0	72.2	72.2	72.2	72.4
≥ 14000	46.7	69.	70.2	70.8	71.6	71.6	71.8	72.1	72.1	72.1	72.2	72.2	72.4	72.4	72.4	72.7
≥ 12000	47.7	70.5	71.6	72.2	73.0	73.0	73.3	73.5	73.6	73.6	73.7	73.7	74.1	74.1	74.2	74.4
≥ 10000	49.2	73.7	74.8	75.4	76.2	76.2	76.4	76.7	76.8	76.8	76.9	76.9	77.3	77.3	77.4	77.6
≥ 9000	49.7	75.4	76.4	77.0	77.9	77.9	78.1	78.3	78.5	78.5	78.6	78.6	78.9	78.9	79.1	79.3
≥ 8000	51.0	77.4	78.6	79.2	80.0	80.0	80.2	80.5	80.6	80.6	80.7	80.7	81.1	81.1	81.2	81.4
≥ 7000	51.8	78.7	79.9	80.5	81.3	81.3	81.5	81.8	81.9	81.9	82.0	82.0	82.4	82.4	82.5	82.7
≥ 6000	52.7	80.0	81.2	81.8	82.6	82.6	82.8	83.1	83.2	83.2	83.3	83.3	83.7	83.7	83.8	84.0
≥ 5000	53.6	81.4	82.6	83.2	84.1	84.1	84.4	84.6	84.7	84.7	84.9	84.9	85.2	85.2	85.3	85.6
≥ 4500	53.8	81.8	83.0	83.6	84.5	84.5	84.7	85.0	85.1	85.1	85.2	85.2	85.6	85.6	85.7	85.9
≥ 4000	55.0	83.3	84.6	85.3	86.3	86.3	86.5	86.7	86.9	86.9	87.0	87.0	87.3	87.3	87.5	87.7
≥ 3500	55.5	84.3	85.6	86.3	87.3	87.3	87.6	87.8	87.9	87.9	88.0	88.0	88.4	88.4	88.5	88.8
≥ 3000	56.0	85.3	86.7	87.5	89.0	89.0	89.2	89.5	89.6	89.6	89.7	89.7	90.1	90.1	90.2	90.4
≥ 2500	56.4	86.2	87.7	88.4	89.9	89.9	90.2	90.4	90.5	90.5	90.7	90.7	91.0	91.0	91.1	91.4
≥ 2000	57.2	87.7	89.2	90.3	91.8	91.8	92.1	92.3	92.4	92.4	92.5	92.5	92.9	92.9	93.0	93.3
≥ 1800	57.4	88.0	89.6	90.7	92.2	92.2	92.4	92.7	92.8	92.8	92.9	92.9	93.3	93.3	93.4	93.6
≥ 1500	58.2	88.9	90.4	91.5	93.0	93.0	93.3	93.5	93.6	93.6	93.7	93.7	94.1	94.1	94.2	94.4
≥ 1200	58.8	89.6	91.1	92.2	93.7	93.7	94.1	94.3	94.4	94.4	94.6	94.6	94.9	94.9	95.0	95.3
≥ 1000	58.8	89.9	91.5	92.5	94.1	94.1	94.4	94.7	94.8	94.8	94.9	94.9	95.3	95.3	95.4	95.6
≥ 900	58.8	90.1	91.6	92.7	94.2	94.2	94.6	94.8	94.9	94.9	95.0	95.0	95.4	95.4	95.5	95.7
≥ 800	58.9	90.3	92.0	93.0	94.6	94.6	94.9	95.1	95.3	95.3	95.4	95.4	95.7	95.7	95.9	96.1
≥ 700	59.1	90.9	92.7	93.8	95.4	95.4	95.7	96.0	96.1	96.1	96.3	96.3	96.7	96.7	96.8	97.0
≥ 600	59.2	91.1	92.9	94.1	95.6	95.6	96.0	96.2	96.3	96.3	96.6	96.6	96.9	96.9	97.0	97.3
≥ 500	59.3	91.2	93.0	94.6	96.1	96.1	96.4	96.7	96.8	96.8	97.0	97.0	97.4	97.4	97.5	97.8
≥ 400	59.3	91.6	93.4	95.0	96.7	96.7	97.0	97.3	97.4	97.4	97.6	97.6	98.1	98.1	98.2	98.5
≥ 300	59.3	91.6	93.4	95.0	96.7	96.7	97.0	97.3	97.4	97.4	97.6	97.6	98.2	98.2	98.3	98.6
≥ 200	59.3	91.6	93.4	95.0	96.7	96.7	97.0	97.3	97.4	97.4	97.6	97.8	98.6	98.6	98.7	98.9
≥ 100	59.3	91.6	93.4	95.0	96.7	96.7	97.0	97.3	97.4	97.4	97.6	97.8	98.7	98.8	99.1	99.4
0	59.3	91.6	93.4	95.0	96.7	96.7	97.0	97.3	97.4	97.4	97.6	97.8	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 845

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

6508

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS IN LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.0	58.7	59.8	60.4	61.3	61.7	62.2	62.8	63.1	63.2	63.5	63.5	63.5	63.5	63.8	64.4
≥ 20000	41.7	60.4	61.6	62.3	63.2	63.6	64.1	64.7	65.0	65.2	65.5	65.5	65.5	65.5	65.8	66.4
≥ 18000	41.7	60.4	61.6	62.3	63.2	63.6	64.1	64.7	65.0	65.2	65.5	65.5	65.5	65.5	65.8	66.4
≥ 16000	41.7	60.4	61.6	62.3	63.2	63.6	64.1	64.7	65.0	65.2	65.5	65.5	65.5	65.5	65.8	66.4
≥ 14000	42.2	61.2	62.4	63.1	64.1	64.4	64.9	65.5	65.8	66.1	66.3	66.3	66.3	66.3	66.7	67.3
≥ 12000	44.0	63.1	64.2	64.9	65.8	66.2	66.7	67.3	67.6	68.0	68.3	68.3	68.3	68.3	68.7	69.3
≥ 10000	45.5	65.8	67.0	67.7	68.7	69.0	69.5	70.1	70.4	70.8	71.2	71.2	71.2	71.2	71.5	72.1
≥ 9000	45.5	67.3	68.4	69.1	70.1	70.4	70.9	71.5	71.9	72.2	72.6	72.6	72.6	72.6	72.9	73.5
≥ 8000	46.9	69.0	70.2	70.9	71.9	72.2	72.7	73.3	73.6	74.0	74.3	74.3	74.3	74.3	74.7	75.3
≥ 7000	47.3	70.7	71.9	72.6	73.5	73.9	74.3	74.9	75.3	75.7	76.0	76.0	76.0	76.0	76.4	77.0
≥ 6000	48.2	72.2	73.5	74.2	75.2	75.5	76.0	76.6	77.0	77.3	77.7	77.7	77.7	77.7	78.0	78.6
≥ 5000	49.4	73.9	75.2	75.9	77.0	77.3	77.9	78.5	78.8	79.2	79.6	79.6	79.6	79.6	79.9	80.5
≥ 4500	49.8	74.6	75.9	76.6	77.7	78.0	78.6	79.2	79.6	79.9	80.3	80.3	80.3	80.3	80.6	81.2
≥ 4000	50.6	76.4	77.8	78.5	79.6	79.9	80.5	81.1	81.4	81.8	82.2	82.2	82.2	82.2	82.5	83.1
≥ 3500	51.1	77.4	79.0	79.7	80.7	81.1	81.7	82.3	82.6	83.0	83.3	83.3	83.3	83.3	83.7	84.3
≥ 3000	51.8	78.6	80.5	81.2	82.4	82.7	83.3	83.9	84.3	84.6	85.0	85.0	85.0	85.0	85.3	85.9
≥ 2500	52.4	79.6	81.6	82.4	83.6	83.9	84.6	85.2	85.6	85.9	86.3	86.3	86.3	86.3	86.6	87.2
≥ 2000	53.1	81.0	83.0	83.8	85.0	85.3	86.1	86.6	87.0	87.4	87.7	87.7	87.7	87.7	88.1	88.7
≥ 1800	53.1	81.2	83.2	84.0	85.3	85.7	86.4	87.0	87.4	87.7	88.1	88.1	88.1	88.1	88.4	89.0
≥ 1500	53.2	81.8	83.9	84.8	86.1	86.5	87.2	87.8	88.2	88.5	88.9	88.9	88.9	88.9	89.2	89.8
≥ 1200	53.7	82.9	85.1	85.9	87.4	87.8	88.5	89.1	89.5	89.8	90.2	90.2	90.2	90.2	90.5	91.1
≥ 1000	54.5	84.0	86.3	87.2	88.7	89.1	89.8	90.4	90.8	91.1	91.5	91.5	91.5	91.5	91.8	92.4
≥ 900	54.6	84.4	86.6	87.6	89.0	89.5	90.2	90.8	91.1	91.5	91.8	91.8	91.8	91.8	92.2	92.8
≥ 800	54.6	84.6	86.9	87.8	89.2	89.7	90.5	91.3	91.6	92.0	92.3	92.3	92.3	92.3	92.7	93.3
≥ 700	55.1	85.3	87.6	88.5	90.0	90.4	91.3	92.0	92.3	92.7	93.0	93.0	93.0	93.0	93.4	94.0
≥ 600	55.3	86.1	88.8	89.7	91.3	91.7	92.6	93.3	93.6	94.0	94.3	94.3	94.3	94.3	94.7	95.3
≥ 500	55.3	86.5	89.2	90.5	92.3	92.8	93.6	94.3	94.7	95.0	95.4	95.4	95.4	95.4	95.7	96.3
≥ 400	55.4	87.0	89.7	91.0	93.1	93.6	94.4	95.2	95.5	95.9	96.2	96.2	96.2	96.2	96.6	97.2
≥ 300	55.4	87.0	89.7	91.0	93.3	93.7	94.7	95.5	95.9	96.3	96.7	96.7	96.7	96.7	97.0	97.6
≥ 200	55.4	87.0	89.7	91.0	93.3	93.7	94.7	95.5	95.9	96.3	96.8	96.8	96.8	96.8	96.9	97.3	97.9
≥ 100	55.6	87.1	90.0	91.3	93.5	94.0	94.9	95.7	96.1	96.6	97.0	97.0	97.0	97.0	97.2	98.1	99.5
≥ 0	55.6	87.1	90.0	91.3	93.5	94.0	94.9	95.7	96.1	96.6	97.0	97.0	97.0	97.0	97.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.[illegible]	46.3	49.3	50.9	52.7	53.4	54.1	54.6	55.1	55.4	56.1	56.1	56.4	56.7	57.7	58.3
≥ 20000	29.8	48.3	51.3	53.2	55.2	55.9	56.6	57.2	57.7	58.3	59.0	59.0	59.2	59.6	60.5	61.1
≥ 18000	29.9	48.5	51.4	53.3	55.3	56.0	56.7	57.3	57.8	58.4	59.1	59.1	59.3	59.7	60.6	61.2
≥ 16000	29.9	48.5	51.4	53.3	55.3	56.0	56.7	57.3	57.8	58.4	59.1	59.1	59.3	59.7	60.6	61.2
≥ 14000	30.5	49.1	52.0	53.9	55.9	56.6	57.3	57.9	58.4	59.0	59.7	59.7	59.9	60.3	61.2	61.8
≥ 12000	31.8	51.1	54.1	56.3	58.3	59.0	59.7	60.5	61.0	61.7	62.4	62.4	62.6	63.0	63.9	64.5
≥ 10000	33.3	53.7	57.1	59.2	61.3	62.1	62.9	63.7	64.2	64.9	65.6	65.6	65.8	66.2	67.1	67.7
≥ 9000	34.2	55.8	59.2	61.3	63.5	64.2	65.0	65.8	66.3	67.0	67.7	67.7	68.0	68.3	69.3	69.9
≥ 8000	35.0	57.7	61.1	63.2	65.4	66.1	66.9	67.7	68.2	68.9	69.6	69.6	69.9	70.3	71.3	71.9
≥ 7000	35.6	59.3	62.8	64.9	67.0	67.7	68.6	69.4	69.9	70.6	71.3	71.3	71.5	72.0	72.9	73.5
≥ 6000	35.7	59.8	63.2	65.4	67.5	68.2	69.0	69.9	70.3	71.0	71.7	71.7	72.0	72.6	73.5	74.1
≥ 5000	36.2	61.0	64.4	66.5	68.8	69.5	70.3	71.2	71.6	72.3	73.0	73.0	73.3	73.9	74.8	75.4
≥ 4500	36.5	62.4	65.8	68.0	70.2	70.9	71.7	72.6	73.0	73.8	74.5	74.5	74.7	75.3	76.2	76.8
≥ 4000	37.1	63.9	67.4	69.6	71.9	72.6	73.5	74.5	74.9	75.7	76.4	76.4	76.6	77.2	78.1	78.7
≥ 3500	37.9	65.1	68.7	70.9	73.3	74.0	74.9	75.9	76.4	77.1	77.8	77.8	78.0	78.6	79.6	80.1
≥ 3000	38.2	67.0	70.8	73.0	75.4	76.1	77.2	78.1	78.6	79.3	80.0	80.0	80.3	80.9	81.9	82.6
≥ 2500	38.7	68.8	72.9	75.2	77.5	78.3	79.3	80.3	80.7	81.4	82.2	82.2	82.4	83.0	84.0	84.8
≥ 2000	39.[illegible]	70.4	74.6	76.8	79.2	79.9	81.2	82.3	82.7	83.5	84.2	84.2	84.4	85.0	86.2	87.0
≥ 1800	40.0	70.7	74.8	77.1	79.6	80.3	81.6	82.6	83.2	83.9	84.6	84.6	84.9	85.5	86.6	87.5
≥ 1500	40.3	71.3	75.4	77.8	80.3	81.0	82.3	83.3	83.9	84.6	85.3	85.3	85.6	86.2	87.4	88.2
≥ 1200	40.5	72.2	76.5	78.8	81.6	82.3	83.7	84.8	85.3	86.1	86.8	86.8	87.0	87.6	88.8	89.6
≥ 1000	41.0	73.0	77.3	79.7	82.6	83.3	84.8	85.8	86.5	87.2	87.9	87.9	88.2	88.8	90.0	90.8
≥ 900	41.3	73.9	78.6	81.1	84.2	84.9	86.4	87.5	88.2	88.9	89.6	89.6	89.8	90.4	91.6	92.4
≥ 800	41.4	74.3	79.2	81.9	85.1	85.8	87.4	88.4	89.1	89.8	90.5	90.5	90.8	91.4	92.6	93.4
≥ 700	41.4	74.9	80.1	82.9	86.1	86.8	88.3	89.4	90.1	90.8	91.5	91.5	91.7	92.3	93.5	94.3
≥ 600	41.5	75.5	80.9	83.7	86.9	87.6	89.1	90.2	90.9	91.6	92.3	92.3	92.7	93.3	94.4	95.3
≥ 500	41.6	76.0	81.4	84.4	87.6	88.3	89.8	90.9	91.6	92.3	93.0	93.0	93.4	94.0	95.2	96.0
≥ 400	41.6	76.1	81.6	84.5	87.7	88.5	90 1	91.1	91.8	92.6	93.3	93.3	93.6	94.2	95.4	96.2
≥ 300	41.6	76.1	81.6	84.6	88.2	89.0	90.7	92.0	92.7	93.5	94.2	94.2	94.6	95.2	96.3	97.2
≥ 200	41.6	76.1	81.6	84.6	88.3	89.1	90.8	92.1	92.8	93.7	94.4	94.4	95.0	95.6	97.6	98.0
≥ 100	41.6	76.1	81.6	84.6	88.3	89.1	90.8	92.1	92.8	93.7	94.4	94.4	95.2	95.9	98.0	99.6
0	41.6	76.1	81.6	84.6	88.3	89.1	90.8	92.1	92.8	93.7	94.4	94.4	95.2	95.9	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 845

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

8060

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	32.5	51.8	53.4	55.7	56.5	57.0	57.2	57.4	57.4	57.8	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	33.8	55.6	57.6	59.8	60.6	61.1	61.3	61.6	61.6	61.9	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	33.8	55.7	57.7	59.9	60.8	61.2	61.5	61.7	61.7	62.1	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	34.0	55.9	57.9	60.2	61.0	61.5	61.7	61.9	61.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	34.6	57.2	59.2	61.5	62.3	62.8	63.0	63.2	63.2	63.6	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	36.1	59.1	61.1	63.4	64.2	64.7	64.9	65.1	65.1	65.5	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	36.6	62.3	64.7	66.9	67.7	68.2	68.4	68.7	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	37.5	63.7	66.5	68.9	69.7	70.2	70.4	70.7	70.7	71.0	71.4	71.4	71.4	71.4	71.4	71.4
≥ 8000	38.4	66.3	69.6	72.0	73.0	73.5	73.8	74.0	74.0	74.3	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	38.7	67.8	71.2	73.5	74.6	75.1	75.3	75.5	75.5	75.9	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	38.8	68.4	71.7	74.1	75.2	75.8	76.0	76.2	76.2	76.6	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	39.6	69.9	73.3	75.7	77.0	77.5	77.8	78.1	78.1	78.5	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	39.8	70.4	73.9	76.4	77.7	78.3	78.5	78.8	78.8	79.2	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	40.7	72.3	75.8	78.4	79.7	80.3	80.5	80.9	80.9	81.2	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	40.8	73.2	76.7	79.3	80.6	81.2	81.5	81.9	81.9	82.3	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	41.3	74.1	77.7	80.5	81.8	82.4	83.0	83.3	83.3	83.7	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	41.5	75.1	79.0	81.8	83.2	83.9	84.5	84.9	84.9	85.2	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	41.8	76.7	80.9	83.8	85.5	86.2	86.9	87.2	87.2	87.6	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	42.4	77.3	81.4	84.4	86.1	86.8	87.5	87.9	87.9	88.3	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	42.8	78.4	82.6	85.6	87.2	87.9	89.1	89.7	89.7	90.1	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	43.6	79.8	84.2	87.1	88.8	89.6	90.9	91.6	91.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	43.9	81.0	85.3	88.3	90.1	91.0	92.4	93.1	93.1	93.6	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	44.0	81.1	85.7	88.8	90.5	91.5	93.0	93.7	93.7	94.2	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	44.3	81.8	86.5	89.6	91.4	92.3	93.9	94.6	94.6	95.0	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	44.6	82.3	87.2	90.4	92.2	93.1	94.7	95.4	95.4	95.9	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	44.7	82.4	87.6	90.8	92.7	93.6	95.2	96.0	96.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	44.8	82.6	87.9	91.3	93.4	94.3	96.0	96.8	96.8	97.5	98.0	98.0	98.1	98.1	98.1	98.2
≥ 400	44.8	82.6	87.9	91.3	93.4	94.3	96.0	97.0	97.0	97.9	98.3	98.3	98.7	98.7	98.7	98.8
≥ 300	44.8	82.7	88.1	91.4	93.5	94.4	96.1	97.2	97.3	98.1	98.9	98.9	99.3	99.3	99.3	99.4
≥ 200	44.8	82.7	88.1	91.4	93.5	94.4	96.1	97.2	97.3	98.1	99.1	99.1	99.5	99.5	99.5	99.6
≥ 100	44.8	82.7	88.1	91.4	93.5	94.4	96.1	97.2	97.3	98.1	99.1	99.1	99.5	99.5	99.6	99.9
≥ 0	44.8	82.7	88.1	91.4	93.5	94.4	96.1	97.2	97.3	98.1	99.1	99.1	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.6	61.2	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	46.9	69.1	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	46.9	69.4	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	47.4	70.0	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	48.0	71.0	71.6	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
≥ 12000	50.0	73.4	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	51.3	76.2	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	52.1	78.0	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 8000	52.8	80.4	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	53.5	81.8	82.5	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
≥ 6000	54.4	83.3	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	55.3	85.3	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	55.3	85.5	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
≥ 4000	56.0	86.4	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	56.1	87.2	88.7	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
≥ 3000	56.7	89.0	90.5	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	57.0	89.6	91.1	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	58.6	92.1	93.9	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	59.0	92.4	94.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	59.3	92.5	95.4	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	59.7	94.1	96.1	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	59.8	94.6	96.7	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	59.9	94.7	96.8	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	59.9	95.0	97.3	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	59.9	95.0	97.5	98.6	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	59.9	95.0	97.5	98.6	99.2	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	59.9	95.0	97.5	98.6	99.2	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	59.9	95.0	97.5	98.6	99.2	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.9	95.0	97.5	98.6	99.2	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.9	95.0	97.5	98.6	99.2	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.9	95.0	97.5	98.6	99.2	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.9	95.0	97.5	98.6	99.2	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

1908

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 66-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	47.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	47.5	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	48.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	48.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	50.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	54.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	55.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	55.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	56.1	80.9	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	81.1
≥ 6000	56.1	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	57.1	83.8	83.9	84.0	84.0	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	58.0	84.8	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	58.6	86.3	86.4	86.6	86.6	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	59.0	87.2	87.6	87.8	87.8	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	59.8	89.1	89.5	89.8	90.0	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	60.3	90.7	91.3	91.7	92.0	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	60.5	92.3	93.3	94.0	94.2	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	61.2	93.1	94.1	94.8	95.0	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	61.7	94.1	95.2	95.9	96.2	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	61.7	95.0	96.5	97.3	97.6	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	61.9	95.5	96.9	97.8	98.1	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	61.9	95.5	96.9	97.8	98.1	98.6	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	61.9	95.6	97.0	98.0	98.5	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	61.9	95.6	97.0	98.1	98.6	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	61.9	95.7	97.2	98.2	98.7	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	61.9	95.7	97.2	98.2	98.7	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	61.9	95.7	97.2	98.2	98.7	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	61.9	95.7	97.2	98.2	98.7	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	61.9	95.7	97.2	98.2	98.7	99.3	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	61.9	95.7	97.2	98.2	98.7	99.3	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	61.9	95.7	97.2	98.2	98.7	99.3	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.6	63.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 20000	44.2	67.5	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	44.4	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	44.4	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	46.1	69.7	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
≥ 12000	47.4	71.5	71.7	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
≥ 10000	50.5	76.0	76.2	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
≥ 9000	50.6	76.7	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 8000	52.4	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	53.0	81.2	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
≥ 6000	53.4	82.4	82.9	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	54.8	84.0	84.6	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	55.1	85.1	85.7	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	55.8	86.4	87.0	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	56.3	87.4	87.9	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
≥ 3000	56.6	88.8	89.4	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	56.9	90.3	91.4	92.2	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	57.6	92.2	93.3	94.1	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	57.8	92.7	93.7	94.6	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	58.5	93.7	95.0	96.0	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	58.9	94.4	95.7	96.7	97.2	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	59.0	95.3	96.6	97.6	98.1	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	59.1	95.4	96.7	97.8	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	59.1	95.4	96.8	97.9	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	59.1	95.4	96.8	97.9	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	59.1	95.5	97.0	98.1	98.7	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	59.1	95.5	97.0	98.1	98.7	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	59.1	95.5	97.0	98.2	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	59.1	95.5	97.2	98.3	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	59.1	95.5	97.2	98.3	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.1	95.5	97.2	98.3	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	59.1	95.5	97.2	98.3	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

2968

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.3	68.1	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
≥ 20000	47.8	69.6	70.2	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8
≥ 18000	47.8	69.7	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
≥ 16000	47.8	69.7	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
≥ 14000	48.2	70.3	70.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
≥ 12000	48.7	71.0	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.3	72.3
≥ 10000	50.6	75.2	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.5	76.5
≥ 9000	51.1	76.2	76.8	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.5	77.5
≥ 8000	52.6	78.3	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.7	79.7
≥ 7000	53.2	79.9	80.6	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.3	81.3
≥ 6000	54.1	81.4	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.9	82.9
≥ 5000	55.4	83.0	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.8	84.8
≥ 4500	55.6	83.3	84.3	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.2	85.2
≥ 4000	55.8	84.2	85.1	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.2	86.2
≥ 3500	57.1	86.1	87.0	87.5	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.2	88.2
≥ 3000	57.3	86.9	87.9	88.4	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.2	89.2
≥ 2500	57.9	89.1	90.5	91.0	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.8	91.8
≥ 2000	59.2	90.4	91.8	92.4	92.7	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.4	93.4
≥ 1800	59.7	90.9	92.3	92.9	93.1	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.9	93.9
≥ 1500	59.9	91.6	93.0	93.6	93.9	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.6	94.6
≥ 1200	60.4	92.3	93.7	94.3	94.7	94.7	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.4	95.4
≥ 1000	60.8	92.9	94.4	95.2	95.5	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.2	96.2
≥ 900	60.8	93.0	94.6	95.4	95.7	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.5	96.5
≥ 800	60.8	93.0	94.6	95.5	95.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.6	96.6
≥ 700	60.8	93.0	94.7	95.6	96.1	96.1	96.5	96.6	96.6	96.8	96.7	96.7	96.8	96.8	97.0	97.0
≥ 600	60.9	93.1	94.8	95.9	96.6	96.6	97.0	97.3	97.3	97.3	97.5	97.5	97.6	97.6	97.9	97.9
≥ 500	61.0	93.5	95.3	96.3	97.0	97.0	97.5	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.3	98.3
≥ 400	61.0	93.6	95.4	96.7	97.4	97.4	97.9	98.1	98.1	98.1	98.5	98.5	98.6	98.6	98.8	98.8
≥ 300	61.0	93.6	95.4	96.7	97.4	97.4	97.9	98.1	98.1	98.1	98.5	98.5	98.6	98.6	98.8	98.8
≥ 200	61.0	93.6	95.4	96.7	97.4	97.4	97.9	98.1	98.1	98.2	98.6	98.6	99.2	99.2	99.4	99.4
≥ 100	61.0	93.6	95.4	96.7	97.4	97.4	97.9	98.1	98.2	98.3	98.7	98.7	99.3	99.3	99.5	99.5
0	61.0	93.6	95.4	96.7	97.4	97.4	97.9	98.1	98.2	98.3	98.7	98.7	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 STATION | MACDILL AFB FL STATION NAME | 68-70,73-79 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥ 0	≥0
NO CEILING	40.3	59.4	60.4	61.2	61.7	61.9	62.1	62.3	62.4	62.5	62.7	62.7	62.8	62.8	63.0	63.2
≥ 20000	42.3	63.3	64.4	65.2	65.7	65.9	66.1	66.4	66.5	66.6	66.8	66.8	66.9	66.9	67.1	67.3
≥ 18000	42.3	63.5	64.5	65.3	65.9	66.1	66.3	66.5	66.6	66.8	67.0	67.0	67.0	67.1	67.3	67.4
≥ 16000	42.5	63.6	64.7	65.5	66.1	66.3	66.5	66.7	66.8	67.0	67.1	67.1	67.2	67.2	67.4	67.6
≥ 14000	43.1	64.5	65.6	66.4	67.0	67.2	67.4	67.6	67.7	67.9	68.1	68.1	68.1	68.2	68.3	68.5
≥ 12000	44.3	66.3	67.4	68.2	68.8	69.0	69.2	69.5	69.6	69.8	70.0	70.0	70.1	70.1	70.3	70.5
≥ 10000	46.4	69.9	71.1	71.9	72.5	72.7	72.9	73.2	73.3	73.5	73.7	73.7	73.8	73.8	74.0	74.2
≥ 9000	46.9	71.4	72.6	73.4	74.1	74.2	74.5	74.7	74.8	75.0	75.2	75.2	75.3	75.3	75.5	75.7
≥ 8000	48.1	73.5	74.9	75.7	76.3	76.5	76.8	77.0	77.1	77.3	77.5	77.5	77.6	77.6	77.8	78.0
≥ 7000	48.6	75.0	76.4	77.3	77.9	78.1	78.3	78.6	78.7	78.9	79.1	79.1	79.2	79.2	79.4	79.6
≥ 6000	49.2	76.2	77.6	78.5	79.2	79.4	79.6	79.8	80.0	80.2	80.3	80.3	80.4	80.5	80.7	0.9
≥ 5000	50.2	77.8	79.3	80.2	80.9	81.2	81.4	81.7	81.8	82.0	82.2	82.2	82.3	82.3	82.5	82.7
≥ 4500	50.5	78.5	80.0	80.9	81.7	81.9	82.2	82.4	82.5	82.7	82.9	82.9	83.0	83.1	83.3	83.4
≥ 4000	51.2	79.4	81.5	82.4	83.2	83.4	83.7	84.0	84.1	84.3	84.5	84.5	84.6	84.6	84.8	85.0
≥ 3500	51.7	81.0	82.6	83.6	84.4	84.7	85.0	85.2	85.4	85.5	85.7	85.7	85.8	85.9	86.1	86.3
≥ 3000	52.2	82.4	84.1	85.2	86.1	86.3	86.7	87.0	87.1	87.3	87.5	87.5	87.6	87.6	87.8	88.0
≥ 2500	52.6	83.7	85.7	86.8	87.7	88.0	88.4	88.7	88.8	89.0	89.2	89.2	89.3	89.4	89.6	89.8
≥ 2000	53.5	85.4	87.5	88.9	89.7	90.0	90.4	90.7	90.9	91.2	91.2	91.2	91.3	91.4	91.6	91.8
≥ 1800	53.8	85.8	87.9	89.2	90.2	90.5	90.9	91.3	91.4	91.6	91.8	91.8	91.9	91.9	92.2	92.4
≥ 1500	54.2	86.7	88.9	90.2	91.2	91.5	92.0	92.4	92.5	92.7	92.9	92.9	93.0	93.1	93.3	93.5
≥ 1200	54.7	87.5	89.9	91.2	92.3	92.7	93.2	93.6	93.7	93.9	94.1	94.1	94.2	94.3	94.5	94.7
≥ 1000	55.0	88.3	90.6	92.0	93.2	93.6	94.1	94.5	94.7	94.9	95.0	95.0	95.1	95.2	95.4	95.6
≥ 900	55.0	88.5	90.9	92.4	93.5	93.9	94.5	94.9	95.0	95.3	95.5	95.5	95.6	95.6	95.8	96.1
≥ 800	55.1	88.8	91.3	92.8	94.0	94.4	95.0	95.4	95.5	95.7	95.9	95.9	96.0	96.1	96.3	96.5
≥ 700	55.2	89.1	91.7	93.2	94.5	94.9	95.5	95.9	96.1	96.3	96.5	96.5	96.6	96.7	96.9	97.1
≥ 600	55.3	89.3	92.1	93.6	94.9	95.4	96.0	96.5	96.6	96.9	97.1	97.1	97.2	97.3	97.5	97.8
≥ 500	55.4	89.5	92.3	94.0	95.4	95.8	96.5	96.9	97.1	97.4	97.6	97.6	97.7	97.8	98.0	98.3
≥ 400	55.4	89.7	92.5	94.2	95.6	96.1	96.7	97.2	97.4	97.7	97.9	97.9	98.1	98.2	98.4	98.6
≥ 300	55.4	89.7	92.5	94.2	95.7	96.2	96.9	97.4	97.6	97.9	98.2	98.2	98.4	98.5	98.7	98.9
≥ 200	55.4	89.7	92.5	94.2	95.7	96.2	96.9	97.4	97.6	98.0	98.3	98.3	98.6	98.7	99.0	99.2
≥ 100	55.4	89.7	92.5	94.3	95.8	96.2	96.9	97.5	97.7	98.0	98.3	98.4	98.7	98.8	99.3	99.7
0	55.4	89.7	92.5	94.3	95.8	96.2	96.9	97.5	97.7	98.0	98.3	98.4	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6767

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

8063

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12211U (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	45.9	67.3	68.2	68.7	68.8	68.8	69.0	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.5	69.5
≥ 20000	48.0	71.0	72.0	72.4	72.6	72.6	72.8	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.5
≥ 18000	48.0	71.0	72.0	72.4	72.6	72.6	72.8	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.5
≥ 16000	48.2	71.4	72.3	72.8	72.9	72.9	73.1	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.6	73.8
≥ 14000	48.7	72.3	73.3	73.7	73.8	73.8	74.1	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.6	74.8
≥ 12000	49.7	74.0	74.9	75.3	75.5	75.5	75.7	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.2	76.4
≥ 10000	51.0	76.3	77.4	77.8	77.9	77.9	78.1	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.9
≥ 9000	51.0	76.3	77.4	77.8	77.9	77.9	78.1	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.9
≥ 8000	51.7	77.9	79.0	79.4	79.5	79.5	79.8	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.5
≥ 7000	52.4	78.9	80.1	80.5	80.6	80.6	80.8	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.5	81.7
≥ 6000	53.2	80.2	81.4	81.8	81.9	81.9	82.1	82.3	82.5	82.6	82.6	82.7	82.7	82.7	82.8	83.0
≥ 5000	54.7	82.0	83.2	83.6	83.7	83.7	84.0	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.6	84.8
≥ 4500	55.3	82.9	84.1	84.5	84.6	84.6	84.8	85.0	85.1	85.3	85.3	85.4	85.4	85.4	85.5	85.7
≥ 4000	56.2	83.9	85.0	85.5	85.6	85.6	85.8	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.7
≥ 3500	57.2	85.7	86.9	87.3	87.4	87.4	87.6	87.8	88.1	88.2	88.2	88.3	88.3	88.3	88.4	88.6
≥ 3000	57.3	87.5	88.7	89.1	89.3	89.3	89.6	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.3	90.5
≥ 2500	57.5	88.2	89.3	90.0	90.2	90.2	90.4	90.6	90.9	91.0	91.0	91.1	91.1	91.1	91.2	91.4
≥ 2000	58.4	89.7	91.0	91.6	91.8	91.8	92.0	92.2	92.5	92.6	92.6	92.7	92.7	92.7	92.8	93.0
≥ 1800	58.6	90.1	91.4	92.0	92.2	92.2	92.5	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.4
≥ 1500	59.0	90.5	91.9	92.6	92.8	92.8	93.0	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.8	94.0
≥ 1200	59.2	91.0	92.5	93.2	93.4	93.4	93.6	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.4	94.6
≥ 10"	59.2	91.4	92.9	93.8	94.0	94.0	94.2	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.9	95.2
≥ 900	59.2	91.4	93.0	93.9	94.1	94.1	94.3	94.5	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.3
≥ 800	59.2	91.4	93.0	93.9	94.1	94.1	94.3	94.5	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.3
≥ 700	59.3	92.0	93.6	94.5	94.7	94.7	94.9	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.7	95.9
≥ 600	59.3	92.0	93.6	94.5	94.7	94.7	94.9	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.7	95.9
≥ 500	59.3	92.2	94.1	94.9	95.4	95.4	95.6	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.6
≥ 400	59.3	92.4	94.4	95.4	95.8	95.8	96.0	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.9	97.1
≥ 300	59.3	92.4	94.4	95.4	95.8	95.9	96.1	96.8	97.0	97.2	97.4	97.5	97.5	97.5	97.6	98.0
≥ 200	59.3	92.4	94.4	95.4	95.8	95.9	96.1	96.8	97.2	97.4	97.6	97.7	98.4	98.4	98.6	98.9
≥ 100	59.3	92.4	94.4	95.4	95.8	95.9	96.1	96.8	97.2	97.4	97.6	97.7	98.5	98.7	99.1	99.6
≥ 0	59.3	92.4	94.4	95.4	95.8	95.9	96.1	96.8	97.2	97.4	97.6	97.7	98.5	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-78,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/4	≥0
NO CEILING	38.4	62.4	63.3	64.3	64.7	64.9	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.9	66.2
≥ 20000	40.0	65.1	66.2	67.2	67.6	68.0	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.4
≥ 18000	40.0	65.1	66.2	67.2	67.6	68.0	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.4
≥ 16000	40.1	65.3	66.5	67.4	67.8	68.2	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.2	69.6
≥ 14000	41.4	66.7	67.8	68.8	69.2	69.6	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.6	71.0
≥ 12000	43.1	69.5	70.6	71.6	72.0	72.4	72.8	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.5	73.9
≥ 10000	43.8	71.0	72.2	73.1	73.5	73.9	74.3	74.5	74.6	74.6	74.6	74.6	74.7	74.7	75.1	75.4
≥ 9000	44.4	71.7	72.9	73.9	74.3	74.6	75.1	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.8	76.1
≥ 8000	45.2	73.1	74.3	75.3	75.7	76.0	76.5	76.7	76.8	76.8	76.8	76.8	76.9	76.9	77.2	77.5
≥ 7000	45.6	73.5	74.7	75.7	76.1	76.5	76.9	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.6	78.0
≥ 6000	46.7	75.1	76.2	77.2	77.6	78.0	78.4	78.6	78.7	78.7	78.7	78.7	78.8	78.8	79.1	79.5
≥ 5000	49.7	78.5	79.7	80.6	81.1	81.4	81.8	82.0	82.2	82.2	82.2	82.2	82.3	82.3	82.6	82.9
≥ 4500	50.2	79.8	81.0	81.9	82.4	82.7	83.1	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.9	84.2
≥ 4000	50.8	80.5	81.7	82.7	83.1	83.4	83.9	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.6	84.9
≥ 3500	51.0	81.0	82.2	83.1	83.5	83.9	84.3	84.5	84.6	84.6	84.6	84.6	84.7	84.7	85.1	85.4
≥ 3000	51.5	82.3	83.5	84.6	85.1	85.4	85.8	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.6	86.9
≥ 2500	51.9	83.1	84.4	85.6	86.0	86.3	86.8	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.5	87.8
≥ 2000	53.1	85.1	86.5	87.7	88.2	88.5	88.9	89.1	89.2	89.2	89.2	89.2	89.4	89.4	89.7	90.0
≥ 1800	53.2	85.3	86.7	88.0	88.4	88.7	89.1	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.9	90.2
≥ 1500	53.4	85.6	87.1	88.4	88.8	89.1	89.6	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.4	90.8
≥ 1200	53.5	85.8	87.4	88.8	89.2	89.6	90.0	90.3	90.4	90.4	90.4	90.4	90.5	90.5	91.0	91.3
≥ 1000	53.7	86.9	88.6	90.2	90.9	91.2	91.6	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.6	92.9
≥ 900	53.8	87.1	88.8	90.4	91.2	91.5	91.9	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.9	93.2
≥ 800	53.9	87.5	89.5	91.1	91.8	92.2	92.6	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.5	93.9
≥ 700	54.2	88.1	90.1	91.7	92.5	92.8	93.3	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.4	94.7
≥ 600	54.3	88.5	90.6	92.3	93.0	93.3	93.9	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.9	95.3
≥ 500	54.4	88.6	91.0	92.8	93.5	93.9	94.7	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.9	96.2
≥ 400	54.4	88.6	91.1	93.0	94.0	94.3	95.3	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.6	96.9
≥ 300	54.4	88.6	91.1	93.1	94.2	94.5	95.7	96.5	96.6	96.7	96.7	96.7	96.8	96.9	97.4	98.1
≥ 200	54.4	88.6	91.1	93.1	94.2	94.5	95.7	96.5	96.6	96.7	96.7	96.7	96.9	97.0	97.7	98.4
≥ 100	54.4	88.6	91.1	93.1	94.3	94.6	95.8	96.6	96.7	96.8	96.8	96.8	97.2	97.5	98.4	99.4
0	54.4	88.6	91.1	93.1	94.3	94.6	95.8	96.6	96.7	96.9	96.9	96.9	97.3	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12610 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	27.7	53.5	57.3	59.9	61.8	62.5	63.2	64.2	64.3	64.5	64.8	64.8	64.8	64.8	64.8	64.9
≥ 20000	29.4	56.6	60.5	63.4	65.4	66.0	66.9	68.0	68.1	68.3	68.6	68.6	68.6	68.6	68.6	68.7
≥ 18000	29.4	56.8	60.8	63.7	65.6	66.2	67.1	68.2	69.3	68.5	68.8	68.8	68.8	68.8	68.8	68.9
≥ 16000	29.5	56.9	60.9	63.8	65.7	66.3	67.2	68.3	68.4	68.6	68.9	68.9	68.9	68.9	68.9	69.0
≥ 14000	29.8	57.6	61.6	64.5	66.5	67.1	68.0	69.0	69.1	69.4	69.7	69.7	69.7	69.7	69.7	69.8
≥ 12000	31.1	59.7	63.7	66.7	68.6	69.2	70.1	71.2	71.3	71.5	71.8	71.8	71.8	71.8	71.8	71.9
≥ 10000	31.5	61.1	65.2	68.2	70.2	71.0	71.8	72.9	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.7
≥ 9000	31.5	61.3	65.4	68.4	70.4	71.2	72.0	73.1	73.2	73.4	73.8	73.8	73.8	73.8	73.8	73.9
≥ 8000	32.3	63.2	67.5	70.6	72.7	73.4	74.3	75.4	75.5	75.7	76.0	76.0	76.0	76.0	76.0	76.1
≥ 7000	32.6	63.5	67.8	71.0	73.1	74.0	74.8	75.9	76.0	76.2	76.6	76.6	76.6	76.6	76.6	76.7
≥ 6000	33.1	64.6	68.9	72.0	74.3	75.2	76.0	77.1	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.8
≥ 5000	34.2	66.3	71.1	74.2	76.5	77.3	78.2	79.2	79.4	79.6	79.9	79.9	79.9	79.9	79.9	80.0
≥ 4500	34.7	67.7	72.5	75.6	77.8	78.7	79.6	80.6	80.8	81.0	81.3	81.3	81.3	81.3	81.3	81.4
≥ 4000	36.2	70.0	74.7	77.8	80.1	81.0	81.8	82.9	83.0	83.2	83.5	83.5	83.5	83.5	83.5	83.7
≥ 3500	36.6	70.8	75.6	78.7	81.0	81.8	82.7	83.8	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.5
≥ 3000	36.9	71.7	76.6	79.7	82.2	83.0	83.9	84.9	85.1	85.3	85.6	85.6	85.6	85.6	85.6	85.7
≥ 2500	37.0	72.6	77.4	80.5	83.0	83.9	84.7	85.8	85.9	86.1	86.5	86.5	86.5	86.5	86.5	86.6
≥ 2000	37.4	74.4	79.2	82.5	84.9	85.8	86.7	87.7	87.8	88.2	88.5	88.5	88.5	88.5	88.5	88.6
≥ 1800	37.4	74.6	79.5	82.7	85.2	86.0	86.9	88.0	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.8
≥ 1500	37.4	74.7	79.6	82.9	85.5	86.3	87.2	88.3	88.4	88.7	89.0	89.0	89.0	89.0	89.0	89.1
≥ 1200	37.4	75.4	80.2	83.7	86.2	87.1	88.1	89.1	89.2	89.7	90.0	90.0	90.0	90.0	90.0	90.1
≥ 1000	37.6	75.8	80.8	84.2	86.8	87.6	88.6	89.7	89.8	90.2	90.5	90.5	90.5	90.5	90.5	90.6
≥ 900	37.7	75.9	80.9	84.3	87.0	87.8	88.8	89.9	90.1	90.5	90.9	90.9	90.9	90.9	90.9	91.0
≥ 800	37.7	76.5	81.5	84.9	87.6	88.5	89.5	90.5	90.8	91.2	91.5	91.5	91.5	91.5	91.5	91.6
≥ 700	37.8	77.3	82.5	86.0	88.7	89.6	90.5	91.6	91.8	92.3	92.6	92.6	92.6	92.6	92.6	92.7
≥ 600	37.8	77.3	82.6	86.1	89.2	90.1	91.2	92.3	92.5	92.9	93.2	93.2	93.2	93.2	93.2	93.3
≥ 500	38.1	77.6	83.1	87.0	90.2	91.1	92.5	93.5	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.6
≥ 400	38.1	77.6	83.4	87.5	90.9	91.8	93.5	94.7	95.1	95.6	95.9	95.9	95.9	95.9	95.9	96.0
≥ 300	38.1	77.6	83.4	87.6	91.0	91.9	94.0	95.3	95.7	96.5	97.0	97.0	97.3	97.4	97.5	97.6
≥ 200	38.1	77.6	83.4	87.6	91.1	92.0	94.1	95.4	95.9	96.7	97.5	97.5	98.4	98.6	99.1	99.7
≥ 100	38.1	77.6	83.4	87.6	91.1	92.0	94.1	95.4	95.9	96.7	97.6	97.6	98.6	98.8	99.4	99.9
0	38.1	77.6	83.4	87.6	91.1	92.0	94.1	95.4	95.9	96.7	97.6	97.6	98.6	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 66-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	38.0	62.0	64.3	65.1	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	39.6	67.1	69.4	70.2	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	39.7	67.3	69.6	70.4	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 16000	39.8	67.5	69.8	70.6	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	40.0	68.3	70.5	71.4	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	41.3	70.6	72.9	73.8	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	42.7	72.6	74.8	75.8	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	42.7	72.8	75.1	76.0	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	43.3	74.7	77.1	78.2	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	43.5	74.9	77.3	78.6	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	43.8	76.0	78.4	79.8	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	44.0	76.8	79.1	80.5	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	44.1	77.2	79.6	81.0	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	45.1	78.9	81.2	82.6	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	45.8	80.1	82.8	84.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	46.2	81.2	84.2	85.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	46.3	82.3	85.5	87.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	46.9	84.1	87.4	89.1	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	46.9	84.4	87.7	89.5	90.4	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	47.2	85.7	89.1	91.0	92.0	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	47.3	86.6	90.0	92.0	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	47.4	87.2	90.8	93.0	94.1	94.1	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	47.4	87.3	91.1	93.4	94.5	94.5	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	47.4	88.0	91.5	93.9	94.9	94.9	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	47.5	88.4	92.0	94.6	95.7	95.8	96.2	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	47.5	88.6	92.5	95.2	96.5	96.7	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	47.7	89.0	93.1	96.1	97.5	97.8	98.3	98.5	98.6	98.8	98.9	98.8	98.9	98.9	98.9	98.9
≥ 400	47.7	89.0	93.1	96.1	97.7	98.1	98.5	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	47.7	89.0	93.1	96.1	97.7	98.1	98.6	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	47.7	89.0	93.1	96.1	97.7	98.1	98.6	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	47.7	89.0	93.1	96.1	97.7	98.1	98.6	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.9	100.0
≥ 0	47.7	89.0	93.1	96.1	97.7	98.1	98.6	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5908

A PROCESSING BRANCH
F ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	)
NO CEILING	47.5	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	51.7	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	51.8	77.4	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
≥ 16000	51.8	77.4	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
≥ 14000	52.3	78.7	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
≥ 12000	53.8	80.8	81.1	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
≥ 10000	56.0	84.2	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	84.4
≥ 9000	56.0	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	56.9	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	57.1	86.2	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
≥ 6000	57.3	86.7	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
≥ 5000	58.4	88.3	88.6	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
≥ 4500	59.1	89.1	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	59.9	90.0	90.6	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	60.3	90.8	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	60.5	91.6	92.3	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
≥ 2500	60.8	92.6	93.3	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	61.2	94.4	95.1	95.4	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	61.4	94.7	95.4	95.7	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	61.8	95.2	95.8	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	61.9	95.9	96.9	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	62.0	96.1	97.3	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	62.0	96.2	97.3	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
≥ 800	62.0	96.2	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
≥ 700	62.0	96.3	97.7	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	62.0	96.5	97.8	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	62.0	96.6	98.0	98.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	62.0	96.6	98.0	98.5	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	62.0	96.6	98.0	98.5	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	62.0	96.6	98.0	98.5	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	62.0	96.6	98.0	98.5	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	62.0	96.6	98.0	98.5	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 930

USAF ETAC FORM AUG 64 9-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12816 (STATION) MACDILL AFB FL (STATION NAME) 68-70,75-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.5	68.5	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	54.7	76.2	76.3	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
≥ 18000	54.7	76.2	76.3	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
≥ 16000	54.7	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	55.7	77.4	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
≥ 12000	56.6	78.6	78.7	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
≥ 10000	58.3	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	81.5
≥ 9000	59.0	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	82.4
≥ 8000	59.9	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
≥ 7000	60.4	85.5	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
≥ 6000	61.1	86.7	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
≥ 5000	61.7	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	61.9	88.6	88.7	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	62.9	89.8	90.0	90.3	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90	90.5	90.5	90.5
≥ 3500	63.9	90.9	91.1	91.5	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	64.1	91.9	92.2	92.8	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	64.5	93.7	94.0	94.6	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	64.5	95.1	95.6	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	64.5	95.3	95.8	96.7	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	64.5	95.5	96.1	97.2	97.4	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	64.7	96.0	96.7	97.7	98.0	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 1000	64.8	96.3	97.6	98.2	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1
≥ 900	64.8	96.5	97.1	98.3	98.5	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 800	64.8	96.5	97.1	98.3	98.5	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.4
≥ 700	64.8	96.5	97.1	98.3	98.5	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.5	99.5
≥ 600	64.8	96.5	97.1	98.3	98.7	98.9	99.1	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 500	64.8	96.5	97.1	98.3	98.7	98.9	99.1	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 400	64.8	96.5	97.1	98.3	98.8	99.0	99.2	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	64.8	96.5	97.1	98.3	98.8	99.0	99.2	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	64.8	96.5	97.1	98.3	98.8	99.0	99.2	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	64.8	96.5	97.1	98.3	98.8	99.0	99.2	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	64.8	96.5	97.1	98.3	98.8	99.0	99.2	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

9908

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.7	68.7	69.2	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
≥ 20000	52.0	75.9	76.6	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
≥ 18000	52.3	76.2	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	52.4	76.7	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
≥ 14000	53.1	77.4	78.1	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
≥ 12000	53.3	77.7	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
≥ 10000	54.7	80.5	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	81.3
≥ 9000	54.9	80.8	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	81.5
≥ 8000	55.5	81.7	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	56.0	82.8	83.7	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
≥ 6000	56.8	84.2	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	57.6	85.6	86.5	86.6	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	58.2	86.3	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4000	59.4	87.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	59.7	88.5	89.6	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
≥ 3000	60.3	90.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 2500	60.6	91.5	92.8	93.0	93.3	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 2000	60.9	92.4	93.8	94.2	94.7	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 1800	61.0	92.6	94.1	94.5	95.1	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1500	61.3	93.3	94.9	95.4	95.9	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1200	61.3	93.5	95.2	95.6	96.1	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1000	61.5	94.2	95.8	96.2	96.8	97.0	97.2	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 900	61.5	94.4	96.0	96.5	97.0	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	61.5	94.5	96.2	96.7	97.3	97.5	97.8	97.8	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 700	61.5	94.6	96.3	96.8	97.5	97.7	98.1	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 600	61.5	94.7	96.5	97.0	97.7	98.1	98.5	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 500	61.5	94.7	96.5	97.0	98.0	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	61.5	94.7	96.5	97.0	98.0	98.3	98.9	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 300	61.5	94.8	96.6	97.1	98.1	98.4	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 200	61.5	94.8	96.6	97.1	98.1	98.4	99.1	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 00	61.5	94.9	96.7	97.2	98.2	98.5	99.2	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0
≥ 0	61.5	94.9	96.7	97.2	98.2	98.5	99.2	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12510 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.1	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4
≥ 20000	51.7	76.5	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.2	77.4	77.4	77.4
≥ 18000	51.7	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.3	77.5	77.5	77.5
≥ 16000	51.7	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.3	77.5	77.5	77.5
≥ 14000	52.4	77.5	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.3	78.5	78.5	78.5
≥ 12000	53.1	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.2	79.5	79.5	79.5
≥ 10000	53.7	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	80.0	80.2	80.2	80.2
≥ 9000	54.0	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.5	80.8	80.8	80.8
≥ 8000	54.5	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	82.0	82.3	82.3	82.3
≥ 7000	54.9	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.1	83.2	83.4	83.4	83.4
≥ 6000	55.9	83.8	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.5	84.6	84.8	84.8	84.8
≥ 5000	57.5	85.7	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.6	86.7	86.9	86.9	86.9
≥ 4500	57.7	86.0	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.9	87.0	87.2	87.2	87.2
≥ 4000	58.7	87.2	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.1	88.2	88.4	88.4	88.4
≥ 3500	59.8	88.7	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.6	89.7	89.9	89.9	89.9
≥ 3000	60.2	89.9	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.9	91.0	91.2	91.2	91.2
≥ 2500	60.9	91.0	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.3	92.4	92.6	92.6	92.6
≥ 2000	61.1	92.2	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.5	93.7	93.9	93.9	93.9
≥ 1800	61.1	92.5	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.9	94.0	94.2	94.2	94.2
≥ 1500	61.5	93.0	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.7	94.8	95.1	95.1	95.1
≥ 1200	61.8	93.4	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.4	95.5	95.7	95.7	95.7
≥ 1000	61.8	93.9	94.8	95.6	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.1	96.2	96.5	96.5	96.5
≥ 900	61.8	93.9	94.8	95.6	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.1	96.2	96.5	96.5	96.5
≥ 800	61.8	94.2	95.3	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.7	96.8	97.0	97.0	97.0
≥ 700	61.8	94.6	95.7	96.6	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.1	97.2	97.4	97.4	97.4
≥ 600	61.8	94.7	95.9	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.3	97.4	97.6	97.6	97.6
≥ 500	61.8	94.8	96.0	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.4	97.5	97.7	97.7	97.7
≥ 400	61.8	94.8	96.0	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.6	97.7	98.0	98.0	98.0
≥ 300	61.8	94.8	96.0	97.0	97.6	97.7	97.8	98.0	98.0	98.0	98.1	98.2	98.3	98.5	98.5	98.5
≥ 200	61.8	94.8	96.0	97.0	97.6	97.7	97.8	98.0	98.0	98.0	98.2	98.3	98.5	98.8	99.0	99.0
≥ 100	61.8	94.8	96.0	97.0	97.6	97.7	97.8	98.0	98.0	98.0	98.4	98.5	98.8	99.1	99.6	99.7
0	61.8	94.8	96.0	97.0	97.6	97.7	97.8	98.0	98.0	98.0	98.4	98.5	98.8	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8057

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.9	65.6	66.8	67.4	67.8	67.9	68.1	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.6
≥ 20000	45.9	70.7	71.9	72.6	73.0	73.2	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.9
≥ 18000	45.9	70.8	72.1	72.8	73.2	73.3	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	74.0
≥ 16000	46.0	71.0	72.2	72.9	73.3	73.5	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.2
≥ 14000	46.7	72.0	73.2	73.9	74.3	74.5	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.1	75.2
≥ 12000	47.7	73.7	74.9	75.6	76.0	76.1	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.9
≥ 10000	49.0	75.3	77.0	77.7	78.2	78.3	78.5	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	79.0
≥ 9000	49.2	76.1	77.4	78.1	78.5	78.7	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.4
≥ 8000	49.9	77.6	79.1	79.8	80.3	80.4	80.6	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.1	81.2
≥ 7000	50.3	78.5	79.8	80.6	81.1	81.2	81.4	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.9	82.0
≥ 6000	51.0	79.6	81.0	81.8	82.3	82.4	82.6	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.1	83.2
≥ 5000	52.2	81.4	82.8	83.6	84.1	84.3	84.5	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.0
≥ 4500	52.7	82.2	83.6	84.4	84.9	85.1	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.9
≥ 4000	53.6	83.4	84.9	85.8	86.3	86.4	86.7	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.2
≥ 3500	54.2	84.5	86.1	86.9	87.5	87.6	87.9	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.4
≥ 3000	54.6	85.8	87.4	88.3	88.9	89.1	89.3	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.8	89.9
≥ 2500	54.9	86.9	88.5	89.6	90.2	90.4	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.2
≥ 2000	55.4	88.4	90.2	91.3	92.0	92.2	92.4	92.6	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.1
≥ 1800	55.5	88.7	90.5	91.6	92.3	92.5	92.7	92.9	93.0	93.1	93.1	93.1	93.2	93.2	93.3	93.3
≥ 1500	55.8	89.2	91.1	92.2	93.0	93.2	93.5	93.7	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.1
≥ 1200	55.9	89.7	91.7	92.9	93.7	93.9	94.2	94.4	94.5	94.5	94.6	94.6	94.7	94.7	94.8	94.9
≥ 1000	56.0	90.2	92.2	93.6	94.4	94.6	94.9	95.2	95.2	95.3	95.4	95.4	95.5	95.5	95.6	95.7
≥ 900	56.0	90.4	92.4	93.8	94.6	94.8	95.1	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.8	95.9
≥ 800	56.1	90.6	92.7	94.1	94.9	95.2	95.5	95.7	95.8	95.9	96.0	96.0	96.0	96.1	96.2	96.2
≥ 700	56.1	91.0	93.1	94.6	95.5	95.7	96.0	96.3	96.4	96.5	96.6	96.6	96.7	96.7	96.8	96.8
≥ 600	56.2	91.1	93.3	94.8	95.8	96.0	96.4	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.2	97.2
≥ 500	56.2	91.3	93.6	95.2	96.3	96.6	97.0	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.8	97.9
≥ 400	56.2	91.3	93.7	95.3	96.5	96.8	97.4	97.7	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.3
≥ 300	56.2	91.3	93.7	95.4	96.6	96.9	97.6	98.0	98.1	98.3	98.5	98.5	98.6	98.7	98.8	98.9
≥ 200	56.2	91.3	93.7	95.4	96.6	96.9	97.6	98.0	98.2	98.4	98.6	98.6	98.9	99.0	99.2	99.4
≥ 100	56.2	91.3	93.7	95.4	96.6	97.0	97.6	98.0	98.2	98.4	98.7	98.7	99.1	99.2	99.5	99.8
0	56.2	91.3	93.7	95.4	96.6	97.0	97.6	98.0	98.2	98.5	98.7	98.7	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.4	81.4	82.4	82.7	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 20000	49.6	84.7	85.7	85.9	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 18000	49.8	85.0	86.0	86.2	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 16000	50.1	85.3	86.3	86.6	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 14000	50.4	85.7	86.7	86.9	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 12000	51.0	86.2	87.2	87.4	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	51.6	87.3	88.3	88.6	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	52.1	88.0	89.0	89.2	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	52.4	88.6	89.7	90.0	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	52.4	89.0	90.1	90.4	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	53.6	90.4	91.6	91.9	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 5000	54.0	91.4	92.6	92.9	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	54.4	92.2	93.3	93.7	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	55.3	93.4	94.6	94.9	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	55.4	93.8	94.9	95.2	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	56.0	94.4	95.6	95.9	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	56.1	94.6	95.7	96.0	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	56.1	94.9	96.0	96.3	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	56.1	94.9	96.0	96.3	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	56.3	95.1	96.2	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	56.9	95.9	97.0	97.3	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	57.3	96.6	97.8	98.1	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	57.4	96.9	98.1	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
≥ 800	57.7	97.2	98.4	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	57.7	97.4	98.7	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	57.7	97.6	98.8	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	57.7	97.6	98.8	99.1	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	57.7	97.6	98.8	99.1	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	57.7	97.6	98.8	99.1	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	57.7	97.6	98.8	99.1	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	57.7	97.6	98.8	99.1	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	57.7	97.6	98.8	99.1	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

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

8908

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.7	73.7	75.6	76.2	76.9	77.0	77.3	77.6	77.6	77.6	77.8	77.8	77.9	77.9	77.9	77.9
≥ 20000	45.3	77.4	79.3	80.1	80.8	80.9	81.2	81.4	81.4	81.4	81.7	81.7	81.8	81.8	81.8	81.8
≥ 18000	45.3	77.4	79.3	80.1	80.8	80.9	81.2	81.4	81.4	81.4	81.7	81.7	81.8	81.8	81.8	81.8
≥ 16000	45.3	77.4	79.3	80.1	80.8	80.9	81.2	81.4	81.4	81.4	81.7	81.7	81.8	81.8	81.8	81.8
≥ 14000	45.6	77.7	79.6	80.3	81.1	81.2	81.6	81.8	81.8	81.8	82.0	82.0	82.1	82.1	82.1	82.1
≥ 12000	46.2	78.4	80.3	81.1	81.9	82.0	82.3	82.6	82.6	82.6	82.8	82.8	82.9	82.9	82.9	82.9
≥ 10000	46.6	79.2	81.2	82.0	82.8	82.9	83.2	83.4	83.4	83.4	83.7	83.7	83.8	83.8	83.8	83.8
≥ 9000	46.9	79.8	81.8	82.6	83.3	83.4	83.8	84.0	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.3
≥ 8000	47.1	80.7	82.8	83.6	84.3	84.4	84.8	85.0	85.0	85.0	85.2	85.2	85.3	85.3	85.3	85.3
≥ 7000	47.4	81.8	83.9	84.7	85.4	85.6	85.9	86.1	86.1	86.1	86.3	86.3	86.4	86.4	86.4	86.4
≥ 6000	48.3	83.0	85.1	85.9	86.7	86.8	87.1	87.3	87.3	87.3	87.6	87.6	87.7	87.7	87.7	87.7
≥ 5000	48.8	84.0	86.1	86.9	87.7	87.8	88.1	88.3	88.3	88.3	88.6	88.6	88.7	88.7	88.7	88.7
≥ 4500	49.0	84.9	87.0	87.8	88.6	88.7	89.0	89.2	89.2	89.2	89.4	89.4	89.6	89.6	89.6	89.6
≥ 4000	49.6	85.8	87.9	88.7	89.4	89.6	89.9	90.1	90.1	90.1	90.3	90.3	90.4	90.4	90.4	90.4
≥ 3500	49.9	87.2	89.3	90.1	90.9	91.0	91.3	91.6	91.6	91.6	91.8	91.8	91.9	91.9	91.9	91.9
≥ 3000	50.1	87.8	90.1	91.0	91.8	91.9	92.2	92.4	92.4	92.4	92.7	92.7	92.8	92.8	92.8	92.8
≥ 2500	50.8	88.4	90.8	91.7	92.4	92.6	93.0	93.2	93.2	93.2	93.4	93.4	93.6	93.6	93.6	93.6
≥ 2000	51.1	88.9	91.2	92.1	93.0	93.1	93.7	93.9	93.9	93.9	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1800	51.1	89.0	91.3	92.2	93.1	93.2	93.8	94.0	94.0	94.0	94.2	94.2	94.3	94.3	94.3	94.3
≥ 1500	51.6	89.7	92.0	92.9	93.8	93.9	94.4	94.7	94.7	94.8	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1200	52.1	90.6	92.9	93.8	94.7	94.8	95.3	95.6	95.6	95.7	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1000	52.4	91.4	93.9	94.8	95.7	95.8	96.3	96.6	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.0
≥ 900	52.6	92.3	94.8	95.7	96.6	96.7	97.2	97.4	97.4	97.6	97.8	97.8	97.9	97.9	97.9	97.9
≥ 800	52.7	92.7	95.1	96.0	96.9	97.0	97.6	97.8	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.3
≥ 700	52.8	92.9	95.4	96.3	97.2	97.3	97.9	98.1	98.1	98.2	98.4	98.4	98.6	98.6	98.6	98.7
≥ 600	52.8	93.1	95.8	96.7	97.6	97.7	98.2	98.4	98.4	98.6	98.8	98.8	98.9	98.9	98.9	99.0
≥ 500	52.8	93.2	95.9	96.8	97.7	97.8	98.3	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.1
≥ 400	52.8	93.2	95.9	96.8	97.7	97.8	98.3	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.2
≥ 300	52.8	93.2	95.9	96.8	97.9	98.0	98.6	98.8	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.4
≥ 200	52.8	93.2	95.9	96.8	98.0	98.1	98.7	98.9	98.9	99.2	99.4	99.4	99.7	99.7	99.8	99.9
≥ 100	52.8	93.2	95.9	96.8	98.0	98.1	98.7	98.9	98.9	99.2	99.4	99.4	99.7	99.7	99.8	99.9
0	52.8	93.2	95.9	96.8	98.0	98.1	98.7	98.9	98.9	99.2	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.3	63.0	66.8	69.9	72.3	73.0	73.3	73.8	73.8	73.9	74.1	74.1	74.1	74.2	74.2	74.2
≥ 20000	28.1	67.2	71.2	74.7	77.1	77.9	78.2	78.7	78.7	78.8	79.0	79.0	79.0	79.1	79.1	79.1
≥ 18000	28.3	67.6	71.7	75.1	77.6	78.3	78.7	79.1	79.1	79.2	79.4	79.4	79.4	79.6	79.6	79.6
≥ 16000	28.4	67.7	71.8	75.2	77.7	78.4	78.8	79.2	79.2	79.3	79.6	79.6	79.6	79.7	79.7	79.7
≥ 14000	28.8	68.1	72.2	75.7	78.1	78.9	79.2	79.7	79.7	79.8	80.0	80.0	80.0	80.1	80.1	80.1
≥ 12000	28.9	69.8	73.9	77.6	80.1	80.9	81.2	81.7	81.7	81.8	82.0	82.0	82.0	82.1	82.1	82.1
≥ 10000	29.6	70.8	75.0	78.7	81.2	82.0	82.3	82.8	82.8	82.9	83.1	83.1	83.1	83.2	83.2	83.2
≥ 9000	29.7	71.1	75.3	79.0	81.6	82.3	82.7	83.1	83.1	83.2	83.4	83.4	83.4	83.6	83.6	83.6
≥ 8000	29.8	72.3	76.7	80.3	82.9	83.8	84.2	84.7	84.7	84.8	85.0	85.0	85.0	85.1	85.1	85.1
≥ 7000	29.9	73.6	78.0	81.7	84.2	85.1	85.5	86.0	86.0	86.1	86.3	86.3	86.3	86.4	86.4	86.4
≥ 6000	30.4	74.3	78.8	82.4	85.0	85.9	86.3	86.8	86.8	86.9	87.1	87.1	87.1	87.2	87.2	87.2
≥ 5000	30.8	74.8	79.2	82.9	85.4	86.3	86.8	87.2	87.2	87.3	87.6	87.6	87.6	87.7	87.7	87.7
≥ 4500	30.8	75.6	80.0	83.7	86.2	87.1	87.6	88.0	88.0	88.1	88.3	88.3	88.3	88.4	88.4	86.4
≥ 4000	31.2	76.3	80.8	84.6	87.1	88.0	88.4	88.9	88.9	89.0	89.2	89.2	89.2	89.3	89.3	89.3
≥ 3500	31.3	77.1	81.8	85.6	88.2	89.1	89.6	90.0	90.0	90.1	90.3	90.3	90.3	90.4	90.4	90.4
≥ 3000	31.3	77.6	82.2	86.0	88.7	89.6	90.1	90.6	90.6	90.7	90.9	90.9	90.9	91.0	91.0	91.0
≥ 2500	31.6	78.3	83.0	86.8	89.6	90.4	91.0	91.4	91.4	91.6	91.8	91.8	91.8	91.9	91.9	91.9
≥ 2000	32.0	79.3	84.1	88.0	91.0	91.9	92.4	92.9	92.9	93.0	93.2	93.2	93.2	93.3	93.3	93.3
≥ 1800	32.1	79.6	84.3	88.2	91.2	92.1	92.7	93.1	93.1	93.2	93.4	93.4	93.4	93.6	93.6	93.6
≥ 1500	32.3	80.3	85.1	89.0	92.0	92.9	93.4	93.9	93.9	94.0	94.2	94.2	94.2	94.3	94.3	94.3
≥ 1200	32.6	80.7	85.4	89.3	92.4	93.3	93.9	94.3	94.3	94.4	94.7	94.7	94.7	94.8	94.8	94.8
≥ 1000	32.7	81.3	86.2	90.2	93.3	94.2	94.8	95.2	95.2	95.3	95.6	95.6	95.6	95.7	95.7	95.7
≥ 900	33.0	81.9	86.8	90.9	94.0	94.9	95.4	95.9	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3
≥ 800	33.2	82.7	87.7	91.9	95.0	95.9	96.4	96.9	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3
≥ 700	33.2	82.8	87.9	92.2	95.3	96.2	96.8	97.2	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7
≥ 600	33.4	83.1	88.2	92.6	95.7	96.6	97.1	97.6	97.6	97.7	97.9	97.9	97.9	98.0	98.0	98.0
≥ 500	33.4	83.1	88.3	92.9	95.9	96.8	97.3	97.8	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2
≥ 400	33.4	83.1	88.3	93.0	96.3	97.3	97.9	98.3	98.3	98.4	98.7	98.7	98.7	98.8	98.8	99.0
≥ 300	33.4	83.2	88.4	93.1	96.4	97.4	98.0	98.4	98.6	98.7	99.1	99.1	99.1	99.2	99.2	99.4
≥ 200	33.4	83.2	88.4	93.1	96.6	97.6	98.1	98.7	98.9	99.0	99.4	99.4	99.4	99.6	99.6	99.8
≥ 100	33.4	83.2	88.4	93.1	96.6	97.6	98.1	98.7	98.9	99.0	99.4	99.4	99.4	99.6	99.8	100.0
0	33.4	83.2	88.4	93.1	96.6	97.6	98.1	98.7	98.9	99.0	99.4	99.4	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

8069

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.1	74.8	75.9	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 20000	43.7	79.1	80.6	81.3	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2
≥ 18000	43.7	79.3	80.8	81.6	82.1	82.3	32.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 16000	43.7	79.4	80.9	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6
≥ 14000	44.2	80.2	81.7	82.4	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 12000	45.6	82.8	84.2	85.1	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 10000	45.8	84.7	86.1	87.0	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 9000	46.0	84.9	86.3	87.2	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 8000	46.0	85.3	86.9	87.9	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 7000	46.1	85.7	87.2	88.2	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 6000	46.4	86.2	87.8	88.8	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 5000	46.8	87.1	88.8	89.8	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 4500	46.9	87.7	89.3	90.3	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 4000	47.2	88.6	90.2	91.3	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 3500	47.6	89.2	90.9	92.0	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 3000	47.9	89.9	91.6	92.7	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 2500	48.4	91.1	92.8	93.9	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 2000	49.1	92.1	93.8	95.1	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1800	49.1	92.3	94.0	95.3	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 1500	49.2	93.0	94.7	96.0	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97 0	97.1	97.1	97.1	97.1
≥ 1200	49.4	94.2	96.0	97.3	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 1000	49.6	94.6	96.6	97.9	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 900	49.6	94.6	96.6	97.9	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 800	49.6	94.6	96.6	97.9	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700	49.7	94.8	96.8	98.1	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	49.7	94.8	96.8	98.2	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 500	49.7	94.8	96.8	98.2	99.0	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	49.7	94.8	96.8	98.2	99.1	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	49.7	94.8	96.8	98.2	99.1	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	49.7	94.8	96.8	98.2	99.1	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	49.7	94.8	96.8	98.2	99.1	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	49.7	94.8	96.8	98.2	99.1	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (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	52.2	77.6	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
≥ 20000	56.1	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 18000	56.2	84.7	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
≥ 16000	56.2	84.7	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
≥ 14000	56.9	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
≥ 12000	59.0	88.4	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
≥ 10000	59.9	90.6	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 9000	60.0	90.7	90.9	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
≥ 8000	60.2	91.7	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
≥ 7000	60.4	93.0	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	60.8	93.6	93.8	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
≥ 5000	61.1	94.3	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	61.2	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	61.6	95.3	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	62.0	96.1	96.3	96.8	96.8	96.8	96.8	96.8	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	62.2	97.1	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	62.3	97.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	62.4	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	62.4	98.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	62.6	98.6	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
≥ 1200	62.6	98.6	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
≥ 1000	62.6	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
≥ 900	62.6	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
≥ 800	62.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	62.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	62.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	62.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	62.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	62.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	62.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	62.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	62.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

0708

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.3	76.6	76.6	76.6	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 20000	55.7	84.1	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
≥ 18000	55.7	84.3	84.3	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 16000	55.7	84.3	84.3	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 14000	56.0	84.9	84.9	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	57.7	86.9	86.9	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 10000	59.1	89.7	89.7	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	59.1	90.3	90.3	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 8000	59.2	91.4	91.4	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	59.6	92.2	92.2	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	60.6	93.4	93.4	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	60.8	94.0	94.0	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
≥ 4500	61.1	94.4	94.4	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	61.7	96.3	96.3	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	61.8	96.8	96.8	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	62.1	97.4	97.4	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	62.2	97.8	97.8	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	62.3	98.3	98.3	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	62.4	98.4	98.4	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES): ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	50.0	80.3	80.6	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 20000	53.3	85.8	86.3	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 18000	53.3	85.8	86.3	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 16000	53.4	85.9	86.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 14000	53.4	85.9	86.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 12000	54.3	87.7	88.2	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 10000	55.9	90.7	91.2	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 9000	56.0	91.1	91.7	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000	56.4	92.4	93.0	93.1	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 7000	57.0	93.1	93.7	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	57.2	93.4	94.0	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	57.6	94.2	94.8	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	57.8	94.8	95.5	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	58.2	96.0	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	58.4	96.7	97.2	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	58.7	97.3	98.0	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	58.7	97.8	98.4	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	58.7	98.1	98.6	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	58.7	98.1	98.8	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	58.7	98.1	98.8	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	58.7	98.1	98.8	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	58.7	98.1	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	58.7	98.1	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	58.7	98.1	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	58.7	98.1	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	58.7	98.1	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	58.7	98.1	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	58.7	98.1	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	58.7	98.1	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	58.7	98.1	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.7	98.1	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	58.7	98.1	98.8	99.1	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

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

1708

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	51.0	82.9	83.6	83.8	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 20000	52.9	86.3	87.0	87.2	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 18000	52.9	86.3	87.0	87.2	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 16000	53.0	86.4	87.1	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 14000	53.2	86.7	87.3	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 12000	53.9	87.3	88.0	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 10000	54.6	89.2	89.9	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
≥ 9000	54.8	89.6	90.2	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	55.4	91.9	92.6	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 7000	55.6	92.0	92.7	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 6000	55.6	92.0	92.7	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	56.9	94.1	94.8	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	56.9	94.4	95.1	95.3	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	57.6	95.4	96.1	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	57.8	96.1	96.8	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	58.1	96.6	97.2	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
≥ 2500	58.1	96.8	97.4	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	58.1	96.8	97.4	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	58.1	96.8	97.4	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	58.3	97.2	97.9	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	58.6	97.4	98.1	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	58.7	97.7	98.3	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	58.7	97.7	98.3	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	59.0	98.0	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	59.0	98.0	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	59.0	98.0	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	59.0	98.0	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	59.0	98.0	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.0	98.0	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.0	98.0	98.7	99.1	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	59.0	98.0	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.0	98.0	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12813 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	45.6	76.3	77.4	78.1	78.7	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20000	48.1	81.2	82.4	83.1	83.7	83.9	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 18000	48.2	81.3	82.5	83.3	83.9	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 16000	48.2	81.4	82.6	83.4	84.0	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 14000	48.6	81.9	83.1	83.8	84.5	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0
≥ 12000	49.6	83.4	84.7	85.4	86.1	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	50.4	85.3	86.5	87.3	88.0	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 9000	50.6	85.7	86.9	87.7	88.4	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	50.8	86.8	88.1	88.9	89.6	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000	51.1	87.5	88.9	89.7	90.3	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000	51.6	88.3	89.6	90.5	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 5000	52.1	89.2	90.6	91.4	92.1	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	52.3	89.8	91.2	92.0	92.6	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 4000	52.8	90.9	92.2	93.1	93.8	94.0	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	53.0	91.6	93.0	93.9	94.5	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	53.3	92.3	93.7	94.6	95.2	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	53.5	92.8	94.2	95.2	95.9	96.1	96.3	96.4	96.4	96.4	96.4	95.4	96.5	96.5	96.5	96.5
≥ 2000	53.7	93.3	94.8	95.7	96.5	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	53.8	93.4	94.9	95.9	96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 1500	53.9	93.9	95.3	96.3	97.1	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	54.1	94.3	95.8	96.7	97.5	97.8	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	54.3	94.7	96.2	97.2	98.1	98.3	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	54.4	94.9	96.5	97.5	98.3	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	54.5	95.1	96.7	97.7	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 700	54.5	95.2	96.9	97.9	98.7	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	54.5	95.3	96.9	98.0	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 500	54.5	95.3	97.0	98.0	98.9	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	54.5	95.3	97.0	98.1	99.0	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	54.5	95.3	97.0	98.1	99.0	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	54.5	95.3	97.0	98.1	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	54.5	95.3	97.0	98.1	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
0	54.5	95.3	97.0	98.1	99.1	99.3	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

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

3072

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.5	79.6	80.0	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 20000	50.9	85.1	85.5	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 18000	50.9	85.2	85.6	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 16000	50.9	85.2	85.6	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	51.8	86.5	86.9	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 12000	52.6	87.3	87.7	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 10000	53.8	89.4	89.8	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 9000	53.8	89.9	90.3	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 8000	54.8	92.3	92.7	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 7000	55.1	92.6	93.1	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
≥ 6000	55.3	93.2	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	55.5	94.1	94.6	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4500	55.8	94.7	95.3	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	56.5	95.5	96.0	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	56.8	96.0	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	57.0	96.3	97.0	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	57.0	96.6	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	57.5	97.1	97.7	98.1	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	57.6	97.2	97.8	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	57.7	97.4	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	58.5	98.2	98.8	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
≥ 1000	58.5	98.2	98.8	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
≥ 900	58.5	98.3	98.9	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
≥ 800	58.7	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	58.7	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	58.8	98.6	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	58.8	98.6	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	58.8	98.6	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	58.8	98.6	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	58.8	98.6	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.8	98.6	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.8	98.6	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.4	75.5	78.1	78.8	79.0	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 20000	43.9	80.3	83.0	83.8	84.0	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	43.9	80.3	83.0	83.8	84.0	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	43.9	80.3	83.0	83.8	84.0	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 14000	44.6	81.4	84.1	84.8	85.1	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 12000	45.5	82.6	85.3	86.0	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	46.3	84.0	86.7	87.4	87.6	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 9000	46.3	85.2	87.8	88.6	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000	47.6	87.4	90.2	91.0	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	47.6	87.5	90.3	91.1	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	48.0	88.2	91.1	91.8	92.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000	48.7	89.2	92.2	92.9	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4500	48.7	89.2	92.2	92.9	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	48.9	89.8	92.7	93.4	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3500	49.1	90.0	92.9	93.7	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	49.6	90.6	93.5	94.3	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	49.8	91.0	93.9	94.6	94.8	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	50.1	91.6	94.5	95.3	95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	50.3	91.8	94.7	95.5	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	50.6	92.4	95.3	96.0	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	51.2	93.3	96.3	97.1	97.3	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	51.2	93.8	97.0	97.7	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	51.3	94.0	97.2	98.0	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	51.5	94.3	97.5	98.3	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	51.6	94.4	97.6	98.4	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	51.6	94.5	97.7	98.5	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	51.6	94.5	97.8	98.6	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	51.6	94.5	97.8	98.6	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	51.6	94.5	97.8	98.6	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 200	51.6	94.5	97.8	98.7	98.9	99.1	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	51.6	94.5	97.8	98.7	98.9	99.1	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	51.6	94.5	97.8	98.7	98.9	99.1	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8073

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.6	56.3	63.8	66.8	68.9	69.5	70.2	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8
≥ 20000	24.8	61.9	70.1	73.2	75.6	76.2	77.0	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7
≥ 18000	24.9	62.0	70.2	73.3	75.7	76.3	77.1	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8
≥ 16000	25.1	62.3	70.4	73.5	75.9	76.6	77.3	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1
≥ 14000	25.4	63.5	72.7	74.8	77.2	77.8	78.6	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4
≥ 12000	25.7	64.5	73.1	76.3	78.7	79.5	80.2	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0
≥ 10000	27.0	68.1	76.7	79.9	82.3	83.0	83.8	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5
≥ 9000	27.0	68.5	77.1	80.5	82.9	83.7	84.4	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2
≥ 8000	28.2	71.4	80.5	84.0	86.3	87.1	87.8	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6
≥ 7000	28.3	72.0	81.3	84.7	87.1	87.8	88.6	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4
≥ 6000	28.3	72.3	81.5	84.9	87.3	88.1	88.8	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6
≥ 5000	28.6	73.1	82.6	86.0	88.6	89.4	90.1	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9
≥ 4500	28.6	73.3	82.8	86.2	88.8	89.6	90.3	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 4000	29.0	74.1	83.5	87.0	89.6	90.4	91.2	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9
≥ 3500	29.1	74.4	83.9	87.3	89.9	90.8	91.5	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
≥ 3000	29.4	74.9	84.4	87.8	90.4	91.3	92.0	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 2500	29.4	75.3	84.8	88.4	91.1	91.9	92.7	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
≥ 2000	29.4	75.8	85.4	88.9	91.6	92.5	93.2	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1
≥ 1800	29.7	76.2	85.8	89.4	92.0	92.9	93.7	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5
≥ 1500	29.7	76.7	86.3	90.0	92.8	93.7	94.4	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3
≥ 1200	29.7	77.1	86.8	90.4	93.2	94.1	94.8	95.4	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8
≥ 1000	29.8	77.3	87.0	90.8	93.5	94.4	95.3	95.8	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.2
≥ 900	29.8	77.4	87.1	90.9	93.8	94.6	95.5	96.0	96.1	96.2	96.2	96.3	96.5	96.5	96.5	96.5
≥ 800	29.9	77.6	87.4	91.3	94.2	95.1	95.9	96.5	96.6	96.7	96.7	96.8	96.9	96.9	96.9	96.9
≥ 700	30.0	77.8	87.6	91.8	94.7	95.6	96.5	97.0	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4
≥ 600	30.3	78.3	88.1	92.3	95.2	96.0	96.9	97.4	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8
≥ 500	30.3	78.4	88.3	92.7	95.7	96.6	97.4	98.1	98.2	98.3	98.3	98.4	98.6	98.6	98.6	98.6
≥ 400	30.3	78.4	88.4	92.9	95.9	96.8	97.8	98.5	98.6	98.7	98.7	98.8	99.0	99.0	99.0	99.0
≥ 300	30.3	78.4	88.4	92.9	95.9	96.8	97.8	98.5	98.6	98.8	98.8	98.9	99.4	99.4	99.4	99.4
≥ 200	30.3	78.4	88.4	92.9	95.9	96.8	97.8	98.7	98.8	99.0	99.1	99.2	99.7	99.7	99.7	99.7
≥ 100	30.3	78.4	88.4	92.9	95.9	96.9	98.0	98.8	98.9	99.1	99.2	99.4	99.8	99.8	100.0	100.0
≥ 0	30.3	78.4	88.4	92.9	95.9	96.9	98.0	98.8	98.9	99.1	99.2	99.4	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.8	67.6	69.8	70.5	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 20000	37.7	74.4	76.8	77.5	77.8	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000	37.7	74.5	76.9	77.6	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 16000	38.0	74.7	77.1	77.8	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	39.1	76.3	78.9	79.7	80.0	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	40.2	78.9	81.6	82.4	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	41.2	81.5	84.3	85.1	85.5	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	41.2	82.0	85.2	85.9	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	42.3	84.6	87.7	88.5	89.1	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	42.3	84.7	87.8	88.6	89.2	89.2	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	42.5	85.1	88.3	89.0	89.7	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	42.5	85.9	89.1	90.0	90.6	90.6	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	42.6	86.1	89.4	90.2	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	42.8	87.1	90.3	91.2	91.9	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	43.0	87.4	90.6	91.5	92.3	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	43.2	88.4	91.7	92.6	93.3	93.3	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	43.5	89.2	92.6	93.7	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	44.0	90.2	93.7	94.7	95.5	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	44.3	90.5	94.2	95.3	96.0	96.1	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	44.6	91.2	94.8	95.9	96.9	97.1	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	44.7	91.7	95.4	96.5	97.4	97.6	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	44.7	91.8	95.5	96.8	97.7	98.0	98.5	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	44.7	91.9	95.7	97.0	98.0	98.2	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	44.7	92.0	95.8	97.2	98.2	98.4	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	44.7	92.0	95.8	97.2	98.4	98.6	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	44.7	92.0	95.8	97.2	98.4	98.6	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	44.7	92.0	95.8	97.2	98.4	98.6	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	44.7	92.0	95.8	97.2	98.4	98.6	99.1	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	44.7	92.0	95.8	97.2	98.4	98.6	99.1	99.5	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	44.7	92.0	95.8	97.2	98.4	98.6	99.1	99.5	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	44.7	92.0	95.8	97.2	98.4	98.6	99.1	99.5	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
0	44.7	92.0	95.8	97.2	98.4	98.6	99.1	99.5	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

4708

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.2	71.9	72.3	72.8	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	47.8	80.1	80.5	81.1	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	48.0	80.2	80.6	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
≥ 16000	48.1	80.3	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	48.9	81.8	82.3	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
≥ 12000	50.1	83.7	84.1	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
≥ 10000	50.8	86.5	86.9	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
≥ 9000	50.9	87.4	87.8	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
≥ 8000	52.2	89.5	90.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 7000	52.5	90.2	90.8	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	52.8	90.8	91.4	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
≥ 5000	53.0	91.3	92.0	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500	53.0	91.5	92.3	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	53.4	92.6	93.3	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
≥ 3500	53.7	93.1	93.9	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	53.9	95.1	95.8	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	54.1	95.7	96.5	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
≥ 2000	54.4	96.7	97.5	98.2	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	54.4	96.7	97.6	98.4	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	54.4	96.8	97.7	98.5	98.7	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	54.4	96.9	97.8	98.6	98.8	99.0	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.4	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 20000	46.0	79.5	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
≥ 18000	46.0	79.5	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
≥ 16000	46.2	79.7	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
≥ 14000	46.9	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 12000	47.6	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 10000	49.9	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 9000	50.0	85.7	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
≥ 8000	51.1	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	52.4	89.4	89.8	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
≥ 6000	52.7	90.5	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	52.8	91.6	92.0	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
≥ 4500	53.1	91.9	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	92.7
≥ 4000	54.0	93.8	94.2	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
≥ 3500	54.4	95.3	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	54.4	95.9	96.3	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
≥ 2500	54.7	96.5	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	55.3	97.5	98.1	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
≥ 1800	55.3	97.6	98.2	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	55.3	97.9	98.4	98.8	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	55.3	97.8	98.4	98.8	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	55.3	97.8	98.4	98.8	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	55.3	97.8	98.4	98.8	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	55.3	97.8	98.4	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	55.3	97.8	98.4	98.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	55.3	97.8	98.4	98.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	55.3	97.8	98.4	98.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	55.3	97.8	98.4	98.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	55.3	97.8	98.4	98.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	55.3	97.8	98.4	98.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	55.3	97.8	98.4	98.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	55.3	97.8	98.4	98.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8075

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS IN G.M.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.0	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	44.9	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	44.9	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	45.2	78.5	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
≥ 14000	46.3	80.5	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
≥ 12000	46.7	81.1	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
≥ 10000	48.5	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	48.6	85.1	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
≥ 8000	49.5	86.7	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
≥ 7000	49.9	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	50.1	88.8	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
≥ 5000	50.9	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	51.3	90.3	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	51.9	91.5	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	92.3
≥ 3500	52.2	92.7	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	52.5	94.6	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	53.1	96.1	96.8	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	53.5	97.0	97.6	97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1800	53.5	97.0	97.6	97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 1500	53.7	97.3	98.0	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0
≥ 1200	53.7	97.5	98.2	98.5	98.8	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.4	99.4	99.4	99.4
≥ 1000	53.7	97.6	98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9
≥ 900	53.7	97.6	98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9
≥ 800	53.7	97.6	98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9
≥ 700	53.7	97.6	98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9
≥ 600	53.7	97.6	98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9
≥ 500	53.7	97.6	98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	53.7	97.6	98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0
≥ 300	53.7	97.6	98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0
≥ 200	53.7	97.6	98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0
≥ 100	53.7	97.6	98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0
≥ 0	53.7	97.6	98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 20000	51.6	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
≥ 18000	51.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 16000	51.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 14000	52.5	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	85.3
≥ 12000	53.1	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
≥ 10000	54.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	54.2	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
≥ 8000	54.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	55.1	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	91.7
≥ 6000	55.3	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
≥ 5000	55.8	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	93.2
≥ 4500	56.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	57.1	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
≥ 3500	57.5	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	57.7	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
≥ 2500	57.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	58.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	58.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	58.1	98.8	99.0	99.0	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	58.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	58.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	58.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	58.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	58.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	58.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	58.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	58.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	58.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	58.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	58.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.6	70.8	72.3	73.2	73.5	73.6	73.8	73.0	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9
≥ 20000	43.5	78.0	79.8	80.5	80.9	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	43.5	78.0	79.9	80.6	80.9	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 16000	43.6	78.2	80.0	80.7	81.1	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 14000	44.4	79.5	81.4	82.0	82.4	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 12000	45.2	80.7	82.7	83.3	83.7	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10000	46.4	83.5	85.5	86.2	86.6	86.7	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0
≥ 9000	46.5	84.2	86.2	86.9	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	47.5	86.3	88.4	89.2	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	47.9	87.0	89.2	89.9	90.4	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	48.1	87.6	89.8	90.6	91.0	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	48.5	88.5	90.8	91.6	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	48.7	88.9	91.1	91.9	92.4	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	49.2	90.0	92.2	93.0	93.5	93.6	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0
≥ 3500	49.5	90.7	92.9	93.7	94.2	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	49.7	91.7	94.0	94.8	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 2500	49.9	92.3	94.6	95.4	96.0	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	50.3	93.1	95.4	96.3	96.9	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	50.4	93.2	95.6	96.5	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1500	50.5	93.5	96.0	96.9	97.5	97.7	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	50.7	94.0	96.4	97.3	98.0	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1000	50.7	94.1	96.6	97.5	98.2	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 900	50.8	94.2	96.6	97.6	98.3	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 800	50.8	94.3	96.8	97.8	98.4	98.6	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	50.8	94.3	96.8	97.9	98.6	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	50.9	94.4	96.9	97.9	98.6	98.8	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	50.9	94.4	96.9	98.0	98.7	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	50.9	94.4	96.9	98.1	98.8	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	50.9	94.4	96.9	98.1	98.8	99.0	99.4	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	50.9	94.4	96.9	98.1	98.8	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	50.9	94.4	96.9	98.1	98.8	99.0	99.4	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	50.9	94.4	96.9	98.1	98.8	99.0	99.4	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

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

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥ 0	≥0
NO CEILING	44.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	48.3	84.7	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
≥ 18000	48.4	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 16000	48.6	84.9	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
≥ 14000	48.8	85.3	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
≥ 12000	49.7	87.2	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
≥ 10000	51.9	91.6	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
≥ 9000	51.9	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 8000	52.6	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 7000	52.9	94.0	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
≥ 6000	53.0	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 5000	53.4	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	53.7	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	53.7	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	53.7	95.9	96.8	96.8	96.	-8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	53.8	96.1	97.0	97.0	97		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	53.9	96.4	97.4	97.4	97.4	.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	53.9	96.9	98.1	98.1	98.2	3.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	53.9	96.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	54.0	97.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	54.0	97.0	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	54.2	97.4	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	99.2
≥ 900	54.2	97.4	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	54.4	97.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	54.6	97.8	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	54.6	97.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	54.6	97.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	54.6	97.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	54.6	97.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	54.6	97.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	54.6	97.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
0	54.6	97.8	99.6	99.6	99.9	99.9	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

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

8077

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	44.4	78.6	79.7	80.1	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 20000	46.6	82.7	83.8	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 18000	46.7	82.8	83.9	84.4	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 16000	46.8	82.9	84.0	84.6	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 14000	47.0	83.1	84.2	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	48.0	84.8	85.9	86.4	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 10000	49.4	88.0	89.2	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 9000	49.4	88.2	89.4	90.1	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 8000	50.0	90.1	91.3	92.0	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 7000	50.1	90.2	91.4	92.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6000	50.4	90.7	91.9	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	50.6	90.9	92.2	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	50.7	91.0	92.3	93.0	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	51.0	91.9	93.4	94.1	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	51.1	92.1	93.7	94.3	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	51.1	92.2	93.8	94.4	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	51.1	92.3	93.9	94.6	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	51.2	92.6	94.1	94.9	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	51.6	93.0	94.6	95.3	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	52.0	93.7	95.3	96.1	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	52.0	93.7	95.3	96.1	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	52.9	94.6	96.3	97.2	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	52.9	94.6	96.3	97.2	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	53.0	94.7	96.4	97.3	98.1	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	53.1	94.9	96.9	97.8	98.6	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	53.2	95.1	97.2	98.1	98.9	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	53.2	95.2	97.3	98.2	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	53.2	95.3	97.4	98.3	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	53.2	95.3	97.4	98.3	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	53.2	95.3	97.4	98.3	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	53.2	95.3	97.4	98.3	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.2	95.3	97.4	98.3	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12610 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	30.7	63.6	68.6	69.8	72.2	72.8	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3
≥ 20000	34.3	75.4	75.3	77.0	79.6	80.1	80.4	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7
≥ 18000	35.1	70.9	75.8	77.4	80.0	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 16000	35.1	70.9	75.8	77.4	80.0	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 14000	35.8	72.0	77.0	78.7	81.2	81.8	82.1	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 12000	36.7	74.0	79.1	80.9	83.4	84.0	84.4	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 10000	37.9	77.3	82.8	84.9	87.6	88.1	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 9000	37.9	77.8	83.2	85.3	88.0	88.6	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 8000	38.7	79.2	84.9	87.0	89.8	90.3	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 7000	39.1	80.8	86.4	88.6	91.3	91.9	92.3	92.3	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6
≥ 6000	39.1	80.8	86.4	88.6	91.3	91.9	92.3	92.3	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6
≥ 5000	39.1	81.1	86.9	88.9	91.7	92.2	92.7	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9
≥ 4500	39.1	81.2	86.9	89.0	91.8	92.3	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 4000	39.2	81.4	87.1	89.2	92.0	92.6	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 3500	39.2	81.7	87.3	89.6	92.3	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.6	93.6	93.6
≥ 3000	39.3	82.0	87.7	89.9	92.7	93.2	93.7	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 2500	39.4	82.3	88.0	90.2	93.1	93.7	94.1	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 2000	39.7	82.7	88.3	90.6	93.4	94.0	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 1800	39.7	82.7	88.3	90.6	93.4	94.0	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 1500	39.7	82.8	88.4	90.8	93.8	94.3	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1200	39.8	83.2	88.9	91.4	94.4	95.1	95.7	95.7	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1
≥ 1000	39.9	83.7	89.3	92.0	95.3	96.0	96.7	96.7	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1
≥ 900	40.0	84.1	89.9	92.6	95.9	96.6	97.2	97.2	97.3	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 800	40.0	84.3	90.2	92.9	96.3	97.1	97.9	97.9	98.0	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 700	40.1	84.6	90.6	93.4	96.9	97.8	98.6	98.6	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 600	40.1	84.8	90.8	93.7	97.1	98.0	99.0	99.0	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6
≥ 500	40.1	84.9	90.9	93.8	97.2	98.1	99.1	99.1	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 400	40.1	85.0	91.1	94.0	97.4	98.3	99.3	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	40.1	85.0	91.1	94.1	97.6	98.4	99.4	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	40.1	85.0	91.1	94.1	97.6	98.4	99.4	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	40.1	85.0	91.1	94.1	97.6	98.4	99.4	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	40.1	85.0	91.1	94.1	97.6	98.4	99.4	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

8078

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.1	69.7	71.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 20000	41.1	78.7	81.1	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 18000	41.3	79.0	81.4	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 16000	41.4	79.1	81.6	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 14000	41.7	80.1	82.6	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	42.7	82.7	85.1	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	44.4	85.9	88.3	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 9000	44.4	86.3	88.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	45.0	87.7	90.1	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	45.6	88.7	91.1	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6000	45.7	89.0	91.4	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	45.7	89.0	91.4	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	45.7	89.3	91.8	92.8	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	45.9	89.6	92.0	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3500	46.0	89.8	92.2	93.2	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	46.3	90.3	92.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	46.6	90.8	93.2	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	47.3	92.4	95.0	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1800	47.3	92.7	95.2	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 1500	47.8	93.1	95.9	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1200	47.8	93.6	96.3	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 1000	47.9	93.7	96.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 900	47.9	93.8	96.7	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 800	47.9	93.8	96.7	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700	48.0	93.9	96.8	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	48.0	93.9	96.8	98.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	48.0	93.9	96.8	98.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	48.0	93.9	96.8	98.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	48.0	93.9	96.9	98.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	48.0	93.9	96.9	98.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	48.0	93.9	96.9	98.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0	48.0	93.9	96.9	98.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.4	67.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	44.0	79.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 18000	44.0	79.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	44.1	79.7	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	44.6	80.6	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 12000	45.2	82.7	84.1	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
≥ 10000	46.6	87.0	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	46.6	87.1	88.6	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
≥ 8000	47.6	88.9	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
≥ 7000	47.8	89.9	91.4	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
≥ 6000	48.1	90.6	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	48.4	91.6	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
≥ 4500	48.6	91.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	49.1	93.7	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
≥ 3500	49.2	94.0	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
≥ 3000	49.9	95.3	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	50.3	96.0	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	50.7	96.4	98.2	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	50.7	96.4	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
≥ 1500	50.7	96.6	98.6	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	50.8	96.7	98.7	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	50.8	96.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	50.8	96.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	50.8	96.9	99.0	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
≥ 700	50.8	96.9	99.1	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
≥ 600	50.8	96.9	99.1	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
≥ 500	50.8	96.9	99.1	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
≥ 400	50.8	96.9	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.8	96.9	99.1	99.8	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	50.8	96.9	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.8	96.9	99.1	99.8	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	50.8	96.9	99.1	99.8	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 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.3	53.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000	41.8	71.6	73.3	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
≥ 18000	41.8	71.7	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	41.8	71.7	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	42.4	72.8	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	43.6	75.7	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	45.2	81.1	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
≥ 9000	45.3	81.2	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
≥ 8000	47.0	84.7	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000	47.1	85.0	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 6000	47.6	85.7	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
≥ 5000	47.9	86.6	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	47.9	86.6	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	48.6	88.2	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
≥ 3500	49.6	90.1	92.3	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	50.4	92.0	94.4	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	50.7	93.2	95.7	96.2	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	51.1	94.7	97.2	97.8	98.1	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	51.1	94.8	97.3	97.9	98.2	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	51.1	94.8	97.3	97.9	98.2	98.3	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	51.3	95.4	98.0	98.6	98.9	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.2	47.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 20000	38.6	66.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	38.7	66.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 16000	38.8	66.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	39.6	67.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	41.9	71.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	44.9	78.4	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
≥ 9000	45.3	79.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	46.4	83.7	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
≥ 7000	46.7	84.3	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
≥ 6000	47.2	85.4	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
≥ 5000	47.2	85.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	47.2	5.8	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
≥ 4000	48.1	5.7	90.7	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
≥ 3500	48.6	89.9	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	49.7	92.8	95.1	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 2500	50.2	94.1	96.6	96.8	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 2000	50.6	95.0	97.4	97.8	97.9	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1800	50.8	95.4	97.9	98.2	98.3	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1500	50.8	95.4	97.9	98.2	98.3	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1200	50.8	95.8	98.3	98.7	98.8	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1000	50.8	95.8	98.4	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	50.8	95.8	98.4	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	50.8	95.8	98.4	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	50.8	95.8	98.4	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	50.8	95.8	98.4	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	50.8	95.8	98.4	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	50.8	95.8	98.4	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	50.8	95.8	98.4	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	50.8	95.8	98.4	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	50.8	95.8	98.4	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0
0	50.8	95.8	98.4	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

0808

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.7	65.0	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
≥ 20000	44.3	77.0	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
≥ 18000	44.4	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	44.4	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	44.7	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	45.8	79.7	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
≥ 10000	48.4	84.4	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
≥ 9000	48.6	85.8	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
≥ 8000	49.6	89.0	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
≥ 7000	49.7	89.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 6000	50.3	90.4	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
≥ 5000	51.1	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	92.4
≥ 4500	51.3	91.9	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
≥ 4000	51.4	92.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 3500	51.6	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 3000	51.9	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 2500	52.0	95.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 2000	52.3	96.0	97.7	97.7	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1800	52.3	96.0	97.7	97.7	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1500	52.4	96.1	97.9	97.9	98.0	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 1200	52.6	96.3	98.3	98.3	98.4	98.4	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1000	52.9	96.7	98.9	99.0	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	52.9	96.7	98.9	99.0	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	52.9	96.7	98.9	99.0	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	53.0	96.8	99.0	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	53.0	96.8	99.0	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	53.0	96.8	99.0	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	53.0	96.8	99.0	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	53.0	96.8	99.0	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	53.0	96.8	99.0	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	53.0	96.8	99.0	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	53.0	96.8	99.0	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12813 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.4	65.3	66.9	67.2	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 20000	42.4	76.3	78.2	78.6	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	42.6	76.5	78.4	78.8	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	42.6	76.6	78.4	78.9	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 14000	43.1	77.4	79.3	79.7	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	44.2	79.7	81.6	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 10000	46.1	84.2	86.2	86.7	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	46.2	84.8	86.8	87.3	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 8000	47.1	87.1	89.1	89.6	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 7000	47.4	87.8	89.8	90.3	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	47.7	88.3	90.4	90.9	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 5000	47.9	89.0	91.1	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 4500	48.0	89.2	91.3	91.8	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	48.4	90.1	92.3	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	48.6	90.8	93.0	93.5	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 3000	49.1	91.9	94.1	94.8	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	49.3	92.5	94.9	95.5	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 2000	49.6	93.3	95.8	96.5	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1800	49.7	93.5	95.9	96.7	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1500	49.8	93.7	96.2	96.9	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1200	49.9	94.0	96.5	97.3	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 1000	50.1	94.3	96.9	97.8	98.5	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 900	50.1	94.3	97.0	97.9	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 800	50.1	94.4	97.1	98.0	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 700	50.2	94.5	97.3	98.2	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	50.2	94.6	97.4	98.2	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	50.2	94.6	97.4	98.3	99.1	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	50.2	94.6	97.4	98.3	99.1	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	50.2	94.6	97.4	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	50.2	94.6	97.4	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	50.2	94.6	97.4	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
0	50.2	94.6	97.4	98.3	99.2	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.8	75.3	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 20000	43.3	85.1	85.8	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
≥ 18000	43.4	85.3	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 16000	43.4	85.3	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 14000	44.3	87.0	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 12000	45.5	89.4	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 10000	48.2	94.2	94.9	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
≥ 9000	48.5	95.3	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8000	49.6	96.8	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 7000	49.7	97.0	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 6000	50.1	97.4	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	50.2	97.6	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	50.2	97.6	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	50.4	98.2	98.9	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
≥ 3500	50.4	98.3	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	99.2
≥ 3000	50.8	98.7	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	50.8	98.8	99.6	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
≥ 2000	50.8	98.8	99.6	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
≥ 1800	50.8	98.8	99.6	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
≥ 1500	50.8	98.8	99.6	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
≥ 1200	50.9	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	50.9	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	50.9	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	50.9	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	50.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	50.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	50.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	50.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	50.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.4	81.3	82.3	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 20000	42.5	87.7	88.7	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 18000	42.7	88.0	88.9	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 16000	42.9	88.2	89.1	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 14000	43.0	88.7	89.7	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 12000	44.2	90.1	91.1	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 10000	46.6	93.4	94.4	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 9000	46.7	94.3	95.3	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
≥ 8000	47.1	94.9	95.9	96.2	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	47.6	95.5	96.5	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 6000	47.7	95.8	96.8	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
≥ 5000	47.8	95.9	96.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	47.8	95.9	96.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	48.0	96.1	97.1	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
≥ 3500	48.1	96.2	97.2	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	48.3	96.7	97.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	48.3	96.8	97.7	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	48.5	97.2	98.3	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	48.5	97.2	98.3	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	48.6	97.4	98.5	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	48.6	97.4	98.5	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	48.6	97.4	98.5	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	48.6	97.4	98.5	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	48.6	97.4	98.5	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	48.6	97.4	98.5	99.0	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	48.6	97.4	98.5	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	48.6	97.4	98.5	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	48.6	97.4	98.5	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	48.6	97.4	98.5	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	48.6	97.4	98.5	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	48.6	97.4	98.5	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	48.6	97.4	98.5	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.0	68.5	72.8	75.3	76.3	76.3	76.5	76.6	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9
≥ 20000	34.8	75.9	80.8	83.3	84.4	84.4	84.5	84.6	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9
≥ 18000	35.5	76.7	81.5	84.1	85.2	85.2	85.3	85.4	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000	35.8	77.0	81.8	84.4	85.5	85.5	85.6	85.7	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	36.3	78.1	82.9	85.6	86.7	86.7	86.9	87.0	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3
≥ 12000	37.7	80.9	85.7	88.4	89.5	89.5	89.7	89.8	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000	39.5	84.3	89.2	91.9	93.0	93.0	93.3	93.4	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8
≥ 9000	39.9	86.1	92.1	93.8	94.8	94.8	95.2	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 8000	40.1	87.0	91.9	94.6	95.8	95.8	96.1	96.2	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	40.4	87.3	92.3	94.9	96.1	96.1	96.5	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9
≥ 6000	40.5	87.4	92.4	95.1	96.2	96.2	96.6	96.7	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 5000	40.5	87.4	92.4	95.1	96.2	96.2	96.6	96.7	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4500	40.5	87.4	92.4	95.1	96.2	96.2	96.6	96.7	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	40.6	87.5	92.5	95.3	96.5	96.5	96.8	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	41.0	87.8	92.8	95.6	96.8	96.8	97.1	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	41.0	88.1	93.0	95.8	97.0	97.0	97.3	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	41.1	88.2	93.1	95.9	97.1	97.1	97.4	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	41.1	88.4	93.3	96.2	97.4	97.4	97.7	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	41.1	88.5	93.4	96.3	97.5	97.5	97.8	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	41.1	88.5	93.4	96.3	97.5	97.5	98.0	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	41.1	88.6	93.5	96.6	97.7	97.7	98.2	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	41.1	88.6	93.5	96.6	97.8	97.8	98.4	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	41.1	88.6	93.7	96.7	98.0	98.0	98.5	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	41.1	88.6	93.7	96.7	98.0	98.0	98.5	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	41.2	88.7	93.8	96.8	98.2	98.2	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	41.2	88.7	93.8	96.8	98.2	98.2	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	41.2	88.7	93.8	96.8	98.2	98.2	98.7	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	41.2	88.7	93.8	96.8	98.2	98.2	98.7	99.0	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	41.2	88.7	93.8	96.9	98.2	98.2	98.7	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	41.2	88.7	93.8	96.8	98.2	98.2	98.7	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	41.2	88.7	93.8	96.8	98.2	98.2	98.7	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	41.2	88.7	93.8	96.8	98.2	98.2	98.7	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS at S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥7/16	≥⅜	≥¼	0
NO CEILING	38.0	69.8	71.6	72.0	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	42.3	80.8	82.7	83.1	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
< 20000	42.6	81.1	83.0	83.4	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 18000	43.1	81.6	83.5	84.0	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
< 18000	44.1	83.2	85.3	85.7	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 16000	45.3	85.9	88.0	88.4	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
< 16000	47.1	90.0	92.2	92.6	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 14000	47.4	90.5	92.7	93.1	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
< 14000	48.0	91.7	93.9	94.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 12000	48.2	92.2	94.3	94.7	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
< 12000	48.3	92.3	94.4	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
≥ 10000	48.5	92.8	95.1	95.5	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
< 10000	48.5	93.1	95.4	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
≥ 9000	48.5	93.1	95.5	95.9	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
< 9000	48.5	93.4	95.8	96.2	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 8000	48.6	94.1	96.6	97.0	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
< 8000	48.6	94.5	97.1	97.6	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 7000	48.9	95.3	97.8	98.4	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
< 7000	48.9	95.3	97.8	98.4	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 6000	48.9	95.4	98.0	98.5	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
< 6000	48.9	95.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	48.9	95.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
< 5000	48.9	95.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 4500	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 4000	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 3500	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 3000	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 2500	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 2000	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 1800	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 1500	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 1200	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 1000	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 900	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 800	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 700	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 600	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 500	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 400	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 300	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
< 200	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	48.9	95.6	98.2	98.7	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8083

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12610 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	34.5	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 20000	42.4	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	42.5	78.8	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
≥ 16000	42.5	78.9	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 14000	43.0	80.4	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
≥ 12000	45.4	85.4	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	47.6	89.8	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
≥ 9000	47.6	90.2	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
≥ 8000	48.4	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 7000	48.5	91.7	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
≥ 6000	48.8	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	48.8	92.8	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
≥ 4500	48.8	92.8	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
≥ 4000	48.8	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3500	48.8	93.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	49.8	94.9	96.3	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	49.9	95.5	96.9	97.1	97.2	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	50.1	96.2	97.8	98.1	98.3	98.5	98.6	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	50.1	96.2	98.0	98.2	98.4	98.6	98.7	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	50.2	96.6	98.4	98.6	98.8	99.0	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	50.2	96.6	98.4	98.6	98.9	99.1	99.2	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	50.2	96.6	98.4	98.6	98.9	99.1	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	50.2	96.6	98.4	98.6	98.9	99.1	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	50.3	96.7	98.5	98.7	99.0	99.2	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	50.3	96.7	98.5	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	50.3	96.7	98.5	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	50.3	96.7	98.5	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	50.3	96.7	98.5	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	50.3	96.7	98.5	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	50.3	96.7	98.5	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	50.3	96.7	98.5	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	50.3	96.7	98.5	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	39.8	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	39.8	77.7	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
≥ 16000	39.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	40.4	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	41.3	82.3	82.8	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
≥ 10000	44.7	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	45.4	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	47.2	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
≥ 7000	47.6	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	47.8	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
≥ 5000	48.3	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	48.5	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
≥ 4000	49.0	96.8	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
≥ 3500	49.2	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	97.5
≥ 3000	49.5	97.8	98.5	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
≥ 2500	49.7	98.5	99.1	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
≥ 2000	49.8	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	49.8	98.8	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	49.8	98.9	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8085

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	24.5	41.8	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 20000	36.8	66.7	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	36.8	67.2	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	36.9	67.6	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	37.5	68.8	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
≥ 12000	39.6	75.5	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
≥ 10000	42.7	82.6	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 9000	43.2	84.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	44.2	87.5	88.5	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
≥ 7000	44.4	88.2	89.1	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
≥ 6000	44.6	88.8	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	44.7	89.7	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	44.8	89.9	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	44.9	90.5	91.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	44.9	91.2	92.3	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	45.7	93.1	94.2	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	45.9	94.4	95.7	96.2	96.7	96.8	96.9	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 2000	46.0	95.3	96.7	97.5	98.0	98.2	98.3	98.4	98.6	98.7	98.7	98.7	98.2	98.8	98.8	98.8
≥ 1800	46.0	95.4	96.8	97.6	98.1	98.3	98.4	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1500	46.0	95.8	97.2	98.1	98.5	98.7	98.8	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 1200	46.0	95.9	97.3	98.2	98.6	98.8	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1000	46.0	95.9	97.3	98.2	98.6	98.8	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	46.0	95.9	97.3	98.2	98.6	98.8	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	46.0	96.0	97.4	98.3	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	46.0	96.0	97.4	98.3	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	46.0	96.0	97.4	98.3	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	46.0	96.0	97.4	98.3	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	46.0	96.0	97.4	98.3	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	46.0	96.0	97.4	98.3	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	46.0	96.0	97.4	98.3	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	46.0	96.0	97.4	98.3	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	46.0	96.0	97.4	98.3	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) ALL (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	25.2	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	37.1	69.0	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
≥ 18000	37.1	69.1	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	70.4
≥ 16000	37.2	69.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	38.3	70.5	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
≥ 12000	40.0	74.0	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	43.4	80.6	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
≥ 9000	43.8	82.4	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
≥ 8000	44.7	85.3	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000	44.7	85.7	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
≥ 6000	44.9	86.1	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	44.9	87.7	89.4	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
≥ 4500	45.2	88.2	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	45.3	89.4	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	45.3	90.1	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	46.5	92.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	47.0	93.5	95.7	96.0	96.1	96.1	96.3	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	47.4	94.6	97.0	97.4	97.8	97.8	98.2	98.2	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1800	47.4	94.7	97.1	97.5	98.0	98.0	98.3	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1500	47.4	94.7	97.6	97.8	98.4	98.4	98.7	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1200	47.4	94.7	97.4	97.8	98.5	98.5	99.0	99.0	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7
≥ 1000	47.4	94.7	97.4	97.8	98.5	98.5	99.0	99.0	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9
≥ 900	47.4	94.7	97.4	97.8	98.5	98.5	99.0	99.0	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9
≥ 800	47.4	94.7	97.4	97.8	98.6	98.6	99.1	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 700	47.4	94.7	97.4	97.8	98.6	98.6	99.1	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 600	47.4	94.7	97.4	97.8	98.6	98.6	99.1	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	47.4	94.7	97.4	97.8	98.6	98.6	99.1	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	47.4	94.7	97.4	97.8	98.6	98.6	99.1	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	47.4	94.7	97.4	97.8	98.6	98.6	99.1	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	47.4	94.7	97.4	97.8	98.6	98.6	99.1	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	47.4	94.7	97.4	97.8	98.6	98.6	99.1	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	47.4	94.7	97.4	97.8	98.6	98.6	99.1	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AA 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

8088

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.5	62.2	63.4	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	39.9	77.6	79.1	79.5	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	40.0	78.0	79.4	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	40.2	78.2	79.7	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 14000	40.9	79.5	80.9	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	42.4	82.9	84.4	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	45.0	87.9	89.5	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 9000	45.3	89.1	90.7	91.1	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	46.2	90.9	92.5	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 7000	46.4	91.4	93.0	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 6000	46.6	91.8	93.4	93.9	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 5000	46.7	92.4	94.0	94.5	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	46.8	92.5	94.2	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	46.9	93.1	94.7	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	47.0	93.4	95.1	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	47.5	94.4	96.2	96.8	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	47.6	95.0	96.9	97.5	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	47.8	95.6	97.5	98.2	98.7	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	47.8	95.6	97.6	98.3	98.7	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	47.8	95.8	97.8	98.5	99.0	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	47.9	95.8	97.8	98.5	99.1	99.1	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	47.9	95.8	97.8	98.5	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	47.9	95.8	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	47.9	95.9	97.9	98.6	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	47.9	95.9	97.9	98.6	99.2	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	47.9	95.9	97.9	98.6	99.2	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	47.9	95.9	97.9	98.6	99.2	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	47.9	95.9	97.9	98.6	99.2	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	47.9	95.9	97.9	98.6	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	47.9	95.9	97.9	98.6	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	47.9	95.9	97.9	98.6	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	47.9	95.9	97.9	98.6	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.2	73.4	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 20000	45.5	83.3	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 18000	45.6	83.5	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 16000	45.6	83.9	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥ 14000	46.5	84.7	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 12000	47.7	87.4	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 10000	49.4	91.5	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.4
≥ 9000	49.4	92.9	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8
≥ 8000	50.2	94.3	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	95.2
≥ 7000	50.3	94.6	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 6000	50.3	94.9	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	95.8
≥ 5000	50.4	95.4	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	96.3
≥ 4500	50.4	95.4	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	96.3
≥ 4000	50.6	96.0	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 3500	50.7	96.7	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 3000	50.7	97.0	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 2500	51.0	97.8	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 2000	51.3	98.6	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1800	51.3	98.6	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1500	51.5	98.7	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	100.0
≥ 1200	51.5	98.7	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	100.0
≥ 1000	51.5	98.7	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	100.0
≥ 900	51.5	98.7	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	100.0
≥ 800	51.5	98.7	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	100.0
≥ 700	51.5	98.7	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	100.0
≥ 600	51.5	98.7	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	100.0
≥ 500	51.5	98.7	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	100.0
≥ 400	51.5	98.7	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	100.0
≥ 300	51.5	98.7	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	100.0
≥ 200	51.5	98.7	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	100.0
≥ 100	51.5	98.7	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	100.0
0	51.5	98.7	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	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

9808

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.0	81.1	82.7	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 20000	43.9	85.6	87.2	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 18000	43.9	85.6	87.2	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 16000	44.1	86.0	87.6	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 14000	44.6	86.6	88.2	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0
≥ 12000	45.5	88.3	89.9	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 10000	46.8	92.0	93.7	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 9000	46.8	92.6	94.2	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 8000	47.1	93.7	95.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 7000	47.3	94.1	95.7	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 6000	47.4	94.5	96.1	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 5000	47.4	94.7	96.3	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 4500	47.4	94.8	96.5	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 4000	47.7	95.4	97.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 3500	47.7	95.4	97.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 3000	47.8	95.6	97.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 2500	47.8	95.6	97.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 2000	47.8	95.7	97.3	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1800	48.0	95.8	97.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1500	48.0	95.8	97.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1200	48.1	96.0	97.6	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1000	48.1	96.0	97.7	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	48.2	96.1	97.8	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	48.3	96.2	98.0	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	48.3	96.2	98.0	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	48.3	96.2	98.0	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	48.3	96.2	98.0	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	48.3	96.2	98.0	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	48.3	96.2	98.0	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	48.3	96.2	98.0	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	48.3	96.2	98.0	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	48.3	96.2	98.0	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.8	67.0	71.6	74.0	75.8	76.5	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 20000	29.6	73.0	77.8	80.3	82.3	83.0	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 18000	29.7	73.1	78.0	80.4	82.4	83.1	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 16000	30.0	73.4	78.3	80.8	82.7	83.4	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 14000	31.2	75.3	80.1	82.6	84.5	85.3	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 12000	32.5	78.4	83.2	85.7	87.6	88.4	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 10000	33.1	81.2	86.1	88.7	90.6	91.4	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 9000	33.2	82.0	87.0	89.6	91.5	92.3	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 8000	34.2	84.3	89.2	91.8	93.8	94.5	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 7000	34.2	84.9	89.9	92.5	94.4	95.2	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	34.2	85.1	90.0	92.6	94.5	95.3	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 5000	34.2	85.2	90.1	92.7	94.6	95.4	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	34.2	85.2	90.1	92.7	94.6	95.4	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4000	34.2	85.2	90.1	92.7	94.6	95.4	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	34.2	85.2	90.1	92.7	94.6	95.4	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	34.2	85.4	90.3	92.9	94.8	95.6	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	34.4	85.7	90.6	93.2	95.2	95.9	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	34.5	86.0	91.0	93.7	95.6	96.3	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	34.5	86.3	91.3	94.1	96.0	96.8	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	34.7	86.6	91.5	94.3	96.2	97.0	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	34.7	86.6	91.5	94.3	96.2	97.0	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	34.7	86.9	91.8	94.6	96.6	97.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	34.7	86.9	91.8	94.6	96.6	97.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	34.7	86.9	91.8	94.6	96.7	97.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	34.7	86.9	91.8	94.7	96.8	97.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	34.7	87.0	92.2	95.1	97.1	97.8	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	34.7	87.1	92.3	95.3	97.3	98.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	34.7	87.1	92.3	95.3	97.3	98.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	34.7	87.1	92.3	95.3	97.4	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	34.7	87.1	92.3	95.3	97.4	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	34.7	87.1	92.3	95.3	97.4	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	34.7	87.1	92.3	95.3	97.4	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

80870

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.2	73.2	74.7	75.5	76.5	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 20000	42.4	80.4	82.2	82.9	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 18000	42.5	80.6	82.4	83.1	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	42.6	80.8	82.5	83.2	84.2	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000	43.3	82.2	83.9	84.6	85.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 12000	45.3	85.4	87.1	87.8	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 10000	46.6	88.4	90.2	91.0	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 9000	46.9	89.1	91.0	91.7	92.7	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 8000	47.2	90.2	92.0	92.8	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 7000	47.3	90.5	92.4	93.1	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 6000	47.5	90.9	92.8	93.5	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 5000	47.5	91.0	92.9	93.7	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	47.5	91.0	92.9	93.7	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	47.5	91.3	93.2	94.0	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	47.7	91.5	93.4	94.2	95.2	95.2	95 4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	47.8	91.8	93.9	94.7	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	48.2	92.2	94.2	95.2	96.2	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 2000	48.6	93.5	95.7	96.8	98.0	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1800	48.6	93.5	95.7	96.8	98.0	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1500	48.6	93.8	95.9	97.0	98.2	98.4	98.6	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1200	48.6	93.8	95.9	97.0	98.2	98.4	98.6	98.8	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4
≥ 1000	48.6	93.9	96.0	97.1	98.4	98.6	98.8	99.1	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7
≥ 900	48.6	93.9	96.0	97.1	98.4	98.6	98.8	99.1	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7
≥ 800	48.6	93.9	96.0	97.2	98.5	98.7	98.9	99.2	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8
≥ 700	48.6	93.9	96.0	97.2	98.5	98.7	98.9	99.2	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8
≥ 600	48.6	93.9	96.0	97.2	98.6	98.8	99.0	99.4	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 500	48.6	93.9	96.0	97.2	98.6	98.8	99.0	99.4	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 400	48.6	93.9	96.0	97.2	98.6	98.8	99.0	99.4	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 300	48.6	93.9	96.0	97.2	98.6	98.8	99.0	99.4	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200	48.6	93.9	96.0	97.2	98.6	98.8	99.0	99.4	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	48.6	93.9	96.0	97.2	98.6	98.8	99.0	99.4	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0
0	48.6	93.9	96.0	97.2	98.6	98.8	99.0	99.4	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (EST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	>0
NO CEIL'NG	36.9	65.2	65.9	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	45.2	79.8	80.5	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 18000	45.3	80.1	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
≥ 16000	45.3	80.3	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 14000	46.3	82.4	83.2	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 12000	47.8	85.4	86.2	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 10000	49.7	89.0	90.1	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 9000	49.7	89.4	90.4	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
≥ 8000	49.9	90.1	91.2	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
≥ 7000	50.0	90.5	91.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	50.0	90.8	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000	50.0	91.1	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
≥ 4500	50.0	91.3	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	50.0	91.4	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	50.1	91.9	93.3	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	50.2	93.0	94.4	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	51.3	95.2	96.7	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
≥ 2000	51.4	96.2	98.0	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	51.4	96.3	98.1	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	51.4	96.5	98.2	99.0	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	51.4	96.5	98.3	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	51.4	96.5	98.3	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	51.4	96.5	98.3	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	51.4	96.6	98.4	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
≥ 700	51.4	96.6	98.4	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	51.4	96.6	98.4	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
≥ 500	51.4	96.6	98.4	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	51.4	96.6	98.4	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
≥ 300	51.4	96.6	98.4	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	51.4	96.6	98.4	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
≥ 100	51.4	96.6	98.4	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	51.4	96.6	98.4	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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12816 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	26.5	42.5	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 20000	40.1	69.1	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000	40.8	70.4	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	40.9	70.6	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	41.5	71.7	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	43.0	75.9	76.5	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
≥ 10000	45.6	82.7	83.2	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
≥ 9000	45.7	83.4	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
≥ 8000	46.0	85.9	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000	46.1	86.5	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000	46.1	86.9	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	46.2	87.4	88.2	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	46.3	87.7	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	46.3	88.5	89.5	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
≥ 3500	46.9	90.0	91.0	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	47.6	92.3	93.3	94.0	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	48.4	94.3	95.5	96.3	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	48.5	95.3	96.8	97.7	98.1	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	48.5	95.3	96.8	97.7	98.1	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	48.5	95.8	97.1	98.1	98.6	98.8	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	48.5	95.6	97.1	98.1	98.6	98.8	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	48.5	95.7	97.2	98.2	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	48.5	95.7	97.2	98.2	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	48.5	95.7	97.2	98.2	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	48.5	95.7	97.2	98.2	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	48.5	95.7	97.2	98.2	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	48.5	95.7	97.2	98.2	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	48.5	95.7	97.2	98.2	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	48.5	95.7	97.2	98.2	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	48.5	95.7	97.2	98.2	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	48.5	95.7	97.2	98.2	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	48.5	95.7	97.2	98.2	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	22.5	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 20000	35.4	63.5	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
≥ 18000	35.4	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	35.6	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	36.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	38.3	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	42.9	77.6	78.3	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
≥ 9000	43.1	79.1	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	44.9	83.5	84.1	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
≥ 7000	45.4	85.1	85.9	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
≥ 6000	45.6	85.5	86.2	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
≥ 5000	45.8	86.8	87.5	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
≥ 4500	45.8	86.9	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	46.5	89.1	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	46.7	90.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	47.8	93.1	94.2	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	48.3	94.9	96.1	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	48.9	96.0	97.3	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	49.0	96.1	97.4	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	49.0	96.4	97.8	98.5	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	49.0	96.5	98.0	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	49.0	96.5	98.0	98.6	99.2	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 900	49.0	96.5	98.0	98.6	99.2	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 800	49.0	96.5	98.0	98.6	99.2	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	49.0	96.5	98.0	98.6	99.2	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	49.0	96.5	98.0	98.6	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	49.0	96.5	98.0	98.6	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	49.0	96.5	98.0	98.6	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	49.0	96.5	98.0	98.6	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	49.0	96.5	98.0	98.6	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	49.0	96.5	98.0	98.6	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
0	49.0	96.5	98.0	98.6	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

0889

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.7	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000	44.2	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
≥ 18000	44.5	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	44.5	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	44.9	78.3	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
≥ 12000	46.9	81.6	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
≥ 10000	50.1	87.7	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
≥ 9000	50.1	88.8	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000	51.4	91.9	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	92.5
≥ 7000	51.6	92.4	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000	51.6	92.8	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	52.1	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	52.1	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	52.3	95.4	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
≥ 3500	52.4	96.4	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
≥ 3000	52.9	97.0	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
≥ 2500	53.1	97.6	98.2	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
≥ 2000	53.3	98.1	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	53.3	98.2	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	53.3	98.2	98.7	99.0	99.1	99.1	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	53.5	98.4	98.9	99.2	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	53.6	98.5	99.0	99.4	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	53.6	98.5	99.0	99.4	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	53.7	98.6	99.1	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	53.7	98.6	99.1	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	53.7	98.6	99.1	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	53.7	98.6	99.1	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	53.7	98.6	99.1	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	53.7	98.6	99.1	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	53.7	98.6	99.1	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	53.7	98.6	99.1	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.7	98.6	99.1	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	34.0	62.2	63.4	64.0	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	40.8	76.5	77.6	78.5	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	40.9	76.9	78.2	78.8	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 16000	41.1	77.1	78.4	79.1	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000	41.8	78.3	79.7	80.3	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥ 12000	43.4	81.5	82.8	83.5	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10000	45.5	86.3	87.7	88.5	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 9000	45.6	87.2	88.6	89.3	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 8000	46.4	89.2	90.7	91.5	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 7000	46.5	89.8	91.3	92.1	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6000	46.6	90.2	91.7	92.4	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	46.7	90.7	92.2	93.0	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 4500	46.7	90.9	92.4	93.1	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	46.9	91.5	93.1	93.9	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	47.1	92.2	93.8	94.6	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	47.4	93.1	94.8	95.7	96.2	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	47.8	94.2	95.9	96.8	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 2000	48.0	94.9	96.7	97.8	98.4	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	48.1	95.0	96.8	97.9	98.5	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	48.1	95.2	97.0	98.1	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1200	48.1	95.3	97.1	98.1	98.8	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1000	48.2	95.3	97.2	98.3	98.9	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	48.2	95.3	97.2	98.3	99.0	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	48.2	95.4	97.2	98.3	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 700	48.2	95.4	97.2	98.3	99.0	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	48.2	95.4	97.3	98.4	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	48.2	95.4	97.3	98.4	99.1	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	48.2	95.4	97.3	98.4	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	48.2	95.4	97.3	98.4	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	48.2	95.4	97.3	98.4	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	48.2	95.4	97.3	98.4	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	48.2	95.4	97.3	98.4	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7432

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

0698

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	52.5	77.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 20000	55.5	83.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 18000	55.8	84.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 16000	55.8	84.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 14000	56.3	84.6	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	86.0
≥ 12000	58.3	87.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 10000	59.5	92.2	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	93.5
≥ 9000	60.7	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 8000	61.6	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	61.6	94.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 6000	61.7	94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 5000	62.2	94.9	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
≥ 4500	62.3	95.0	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
≥ 4000	62.4	95.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	62.7	96.2	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
≥ 3000	62.7	96.9	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	62.8	97.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	63.0	97.3	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
≥ 1800	63.0	97.3	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
≥ 1500	63.1	97.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	63.2	97.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	63.3	97.8	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
≥ 900	63.3	97.8	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
≥ 800	63.7	98.2	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	63.7	98.2	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	63.7	98.2	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	63.7	98.2	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	63.7	98.2	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	63.7	98.2	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	63.7	98.2	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	63.7	98.2	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	63.7	98.2	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 899

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	42.2	69.3	70.7	71.7	72.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	45.1	78.2	79.7	81.0	81.8	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	45.2	78.4	79.9	81.2	82.0	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	45.2	78.8	80.2	81.6	82.3	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 14000	46.0	80.7	82.1	83.6	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 12000	47.4	82.8	84.2	85.7	86.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 10000	49.6	86.8	88.7	90.3	91.2	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 9000	49.6	86.8	88.7	90.3	91.2	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	49.9	87.8	89.7	91.3	92.2	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	50.0	88.2	90.1	91.8	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000	50.1	88.4	90.3	92.0	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	50.1	88.6	90.6	92.2	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	50.1	88.6	90.6	92.2	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	50.6	89.3	91.3	93.0	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	50.7	89.7	91.7	93.3	94.2	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	50.7	90.0	92.0	93.7	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	50.7	90.2	92.2	93.9	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	51.0	90.7	92.7	94.3	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	51.3	91.0	93.0	94.7	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	51.7	91.4	93.6	95.2	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	51.9	92.2	94.4	96.1	97.3	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	52.0	92.7	95.0	96.8	98.0	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	52.0	92.8	95.2	97.0	98.2	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	52.1	93.1	95.6	97.3	98.6	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	52.1	93.1	95.6	97.3	98.7	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	52.1	93.1	95.6	97.3	98.7	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	52.1	93.1	95.6	97.3	98.7	99.0	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	52.1	93.1	95.6	97.4	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	52.1	93.1	95.6	97.4	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	52.1	93.1	95.6	97.4	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	52.1	93.1	95.6	97.4	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	52.1	93.1	95.6	97.4	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

2608

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AF3 FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.3	65.0	69.6	72.6	74.9	75.0	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 20000	33.0	69.2	73.8	76.8	79.1	79.3	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 18000	33.2	69.4	74.1	77.1	79.4	79.7	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000	33.3	69.7	74.4	77.4	79.8	80.0	80.7	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	33.8	70.4	75.2	78.2	80.6	80.8	81.4	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	34.9	72.3	77.1	80.3	82.7	82.9	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	36.6	76.6	82.0	85.9	88.2	88.6	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 9000	36.6	77.0	82.6	86.4	88.8	89.1	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000	36.9	78.7	84.2	88.1	90.4	90.8	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	36.9	78.9	84.4	88.4	90.8	91.1	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 6000	37.3	79.3	85.0	89.0	91.3	91.7	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	37.3	79.4	85.1	89.1	91.4	91.8	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	37.3	79.4	85.1	89.1	91.4	91.8	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	37.3	79.7	85.4	89.4	91.8	92.1	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	37.6	80.1	85.9	89.9	92.2	92.6	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	37.9	80.7	86.4	90.4	92.8	93.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	37.9	80.7	86.4	90.4	92.8	93.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	38.0	81.1	86.9	90.9	93.2	93.6	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	38.1	81.2	87.0	91.0	93.3	93.7	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	38.1	81.4	87.2	91.2	93.6	93.9	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	38.2	81.9	88.0	92.0	94.9	95.2	95.3	96.6	96.6	96.7	96.7	96.7	95.7	96.7	96.7	96.7
≥ 1000	38.3	82.1	88.3	92.4	95.6	95.9	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	38.3	82.7	88.9	93.0	96.1	96.4	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	38.3	83.0	89.2	93.3	96.4	96.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	38.3	83.2	89.4	93.6	96.8	97.1	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	38.3	83.2	89.7	93.8	97.0	97.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	38.3	83.4	89.9	94.0	97.3	97.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	38.3	83.4	89.9	94.0	97.4	97.8	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	38.3	83.4	89.9	94.0	97.6	98.0	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	38.3	83.4	89.9	94.0	97.6	98.0	99.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	38.3	83.4	89.9	94.0	97.6	98.0	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	38.3	83.4	89.9	94.0	97.6	98.0	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	46.2	78.6	81.0	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
≥ 20000	47.4	82.2	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 12000	47.7	82.6	85.0	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
≥ 16000	47.8	82.7	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
≥ 14000	48.8	83.8	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
≥ 12000	50.3	86.3	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 10000	52.1	90.1	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	52.1	90.3	92.8	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
≥ 8000	52.6	91.0	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 7000	52.6	91.3	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	53.0	91.9	94.3	94.6	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	53.4	92.4	95.1	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
≥ 4500	53.7	92.7	95.3	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
≥ 4000	53.9	93.3	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	53.9	93.6	96.2	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
≥ 3000	53.9	93.9	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	54.1	94.2	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	54.3	94.5	97.1	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
≥ 1800	54.7	94.8	97.4	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
≥ 1500	54.7	94.9	97.6	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
≥ 1200	54.8	95.1	97.8	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
≥ 1000	54.8	95.2	98.0	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
≥ 900	55.0	95.4	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	55.3	95.9	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	55.4	96.1	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	55.4	96.1	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	55.4	96.1	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	55.4	96.1	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	55.4	96.1	99.0	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
≥ 200	55.4	96.1	99.0	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	55.4	96.1	99.0	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
≥ 0	55.4	96.1	99.0	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

TOTAL NUMBER OF OBSERVATIONS 900

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

391

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12610 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.1	65.0	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	50.1	78.7	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	51.0	78.9	79.7	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
≥ 16000	51.1	79.7	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	52.1	81.8	81.9	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
≥ 12000	53.8	84.2	85.2	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
≥ 10000	57.1	89.1	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 9000	57.2	89.2	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 8000	57.8	90.9	92.1	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
≥ 7000	58.1	91.2	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000	3.4	91.9	93.3	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
≥ 5000	58.8	92.4	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	59.0	92.7	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	59.3	93.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	59.6	93.9	95.3	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
≥ 3000	60.0	95.2	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	60.6	96.2	97.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	60.7	96.8	98.3	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
≥ 1800	60.9	97.0	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	61.0	97.1	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	61.1	97.3	98.9	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.4	51.9	52.1	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	44.6	70.7	70.9	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 18000	44.8	71.1	71.3	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	44.8	71.3	71.6	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	46.8	73.7	73.9	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	48.7	76.3	76.6	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	52.2	83.2	83.4	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	52.4	83.6	84.0	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	53.6	86.7	86.9	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	53.9	87.3	87.6	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000	54.4	88.1	88.3	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
≥ 5000	54.8	88.7	88.9	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	55.4	89.7	90.0	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	55.9	90.4	90.9	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	56.0	91.7	92.1	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	56.6	94.0	94.7	95.8	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	56.9	94.9	95.6	97.0	97.1	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	57.6	96.6	97.2	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	57.6	96.6	97.2	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	57.6	96.6	97.2	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	57.6	96.7	97.3	98.8	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	57.6	96.7	97.3	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	57.6	96.7	97.3	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	57.7	96.8	97.4	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	57.7	96.8	97.4	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	57.8	96.9	97.6	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	57.9	97.0	97.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	57.9	97.0	97.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.9	97.0	97.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.9	97.0	97.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.9	97.0	97.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	57.9	97.0	97.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

8003

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.1	49.7	49.8	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	42.7	67.4	67.6	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	42.8	67.8	67.9	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	42.9	67.9	68.0	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	43.7	70.1	70.2	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	45.8	73.8	73.9	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	51.4	83.7	83.8	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	51.7	84.2	84.4	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	53.7	87.6	87.9	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	54.1	88.7	89.0	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	54.3	89.6	89.9	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	54.8	90.3	90.7	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500	55.1	90.9	91.2	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	55.4	92.0	92.6	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	55.6	92.6	93.1	93.7	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	56.2	94.2	95.0	95.9	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	56.6	95.2	96.0	96.9	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	57.2	96.4	97.2	98.1	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	57.2	96.4	97.2	98.1	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	57.2	96.7	97.4	98.3	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	57.3	97.0	97.8	98.8	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	57.3	97.1	97.9	98.9	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	57.3	97.1	97.9	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	57.3	97.1	97.9	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	57.3	97.1	97.9	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	57.3	97.1	97.9	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	57.3	97.1	97.9	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	57.3	97.1	97.9	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.3	97.1	97.9	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.3	97.1	97.9	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.3	97.1	97.9	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	57.3	97.1	97.9	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥ .	≥0
NO CEILING	44.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	50.4	73.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	50.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000	50.9	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	75.1
≥ 14000	51.9	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	76.8
≥ 12000	54.3	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	80.4
≥ 10000	58.6	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
≥ 9000	58.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	59.8	91.4	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	60.2	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	60.6	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	61.0	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	61.2	93.8	94.0	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	61.2	94.3	94.6	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	61.7	95.2	95.4	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
≥ 3000	62.3	97.0	97.3	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500	62.4	97.6	97.9	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	63.0	98.4	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	63.0	98.4	98.9	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
≥ 1500	63.0	98.4	98.9	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
≥ 1200	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	63.1	98.8	99.2	99.6	99.8	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

8094

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12610 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	41.0	65.1	66.4	67.1	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	46.2	75.6	77.0	77.7	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 18000	46.4	75.9	77.3	78.0	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	46.5	76.1	77.5	78.3	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000	47.4	77.6	79.5	79.8	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 12000	49.2	80.5	81.9	82.7	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	52.3	86.2	87.8	88.7	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 9000	52.4	.6	88.2	89.1	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	53.2	88.5	90.2	91.1	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	53.4	89.0	90.7	91.6	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 6000	53.7	89.5	91.2	92.2	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	54.0	90.0	91.8	92.7	93.3	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	54.3	90.3	92.1	93.0	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	54.5	91.0	92.8	93.8	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	54.7	91.6	93.4	94.4	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	55.0	92.7	94.6	95.7	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	55.2	93.2	95.2	96.3	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	55.6	94.0	95.9	97.0	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	55.7	94.1	96.0	97.2	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	55.8	94.3	96.2	97.4	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	55.9	94.6	96.6	97.8	98.5	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	55.9	94.7	96.8	98.0	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	56.0	94.8	96.9	98.1	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	56.1	95.0	97.1	98.3	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	56.1	95.1	97.2	98.4	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	56.1	95.1	97.2	98.4	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	56.1	95.2	97.3	98.5	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	56.1	95.2	97.3	98.5	99.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	56.1	95.2	97.3	98.5	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	56.1	95.2	97.3	98.5	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.1	95.2	97.3	98.5	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.1	95.2	97.3	98.5	99.3	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 7199

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12816 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.8	74.4	75.1	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
≥ 20000	49.8	77.5	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 18000	49.8	78.1	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	49.8	78.1	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	50.6	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 12000	51.9	81.0	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
≥ 10000	54.5	85.4	86.2	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
≥ 9000	54.8	86.5	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 8000	55.9	88.8	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
≥ 7000	56.0	90.2	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	56.7	91.1	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 5000	57.1	92.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	57.4	92.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	57.7	93.3	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
≥ 3500	58.0	93.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	58.3	94.0	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
≥ 2500	58.7	94.9	96.0	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
≥ 2000	59.2	95.8	96.9	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	59.5	96.0	97.1	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	59.9	96.7	97.7	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	60.2	97.1	98.2	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	60.2	97.1	98.2	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	60.3	97.2	98.3	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	60.4	97.4	98.5	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	60.5	97.5	98.6	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	60.5	97.5	98.6	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	60.6	97.6	98.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	60.9	97.8	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	60.9	97.8	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.9	97.8	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.9	97.8	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	60.9	97.8	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5608

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.9	72.2	74.5	74.9	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 20000	44.9	74.4	76.6	77.2	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	44.9	74.4	76.6	77.2	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	44.9	74.4	76.6	77.2	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	45.1	75.1	77.2	77.8	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	46.3	77.4	79.7	80.3	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	48.1	80.9	83.1	83.9	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000	48.1	81.5	83.8	84.5	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	48.9	84.2	86.5	87.2	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	49.6	85.4	87.6	88.4	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000	50.5	86.8	89.0	89.8	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	51.6	88.2	90.6	91.4	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	52.2	89.0	91.5	92.3	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	52.5	89.9	92.4	93.1	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	52.7	91.0	93.4	94.2	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	52.7	91.1	93.5	94.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	53.5	92.0	94.5	95.3	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	54.1	92.8	95.4	96.1	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	54.1	92.8	95.4	96.1	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	54.2	93.3	95.9	96.7	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	54.5	93.8	96.3	97.1	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	54.5	94.2	96.8	97.5	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	54.5	94.4	97.0	97.7	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	54.8	94.7	97.3	98.1	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	54.8	94.8	97.4	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	55.2	95.2	97.6	98.6	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	55.2	95.4	98.1	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	55.2	95.4	98.1	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	55.2	95.4	98.1	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	55.2	95.4	98.1	98.8	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	55.2	95.4	98.1	98.8	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	55.2	95.4	98.1	98.8	99.7	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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 6?-70, 73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	28.9	60.9	66.5	69.0	71.0	71.8	72.0	72.2	72.2	72.4	72.4	72.4	72.6	72.6	72.6	72.6
≥ 20000	30.0	64.5	70.1	72.8	74.7	75.6	75.8	75.9	75.9	76.1	76.1	76.1	76.3	76.3	76.3	76.3
≥ 18000	30.0	64.7	70.3	73.0	74.9	75.8	76.0	76.1	76.1	76.3	76.3	76.3	76.6	76.6	76.6	76.6
≥ 16000	30.0	65.1	70.8	73.4	75.4	76.2	76.5	76.6	76.6	76.8	76.8	76.8	77.0	77.0	77.0	77.0
≥ 14000	30.1	65.8	71.5	74.2	76.1	77.0	77.2	77.3	77.3	77.5	77.5	77.5	77.7	77.7	77.7	77.7
≥ 12000	30.6	67.4	73.1	75.8	77.7	78.6	78.8	78.9	78.9	79.1	79.1	79.1	79.4	79.4	79.4	79.4
≥ 10000	32.6	71.5	77.4	80.1	82.0	82.9	83.3	83.4	83.4	83.7	83.7	83.7	83.9	83.9	83.9	83.9
≥ 9000	32.6	72.6	78.6	81.3	83.2	84.2	84.6	84.8	84.8	85.1	85.1	85.1	85.3	85.3	85.3	85.3
≥ 8000	33.5	75.5	81.8	84.7	86.9	87.8	88.3	88.5	88.5	88.7	88.7	88.7	88.9	88.9	88.9	88.9
≥ 7000	34.0	76.1	82.5	85.5	87.6	88.6	89.0	89.2	89.2	89.5	89.5	89.5	89.7	89.7	89.7	89.7
≥ 6000	34.6	77.3	83.8	86.8	88.9	89.9	90.3	90.5	90.5	90.8	90.8	90.8	91.0	91.0	91.0	91.0
≥ 5000	35.4	78.7	85.3	88.3	90.4	91.4	91.8	92.0	92.0	92.3	92.3	92.3	92.5	92.5	92.5	92.5
≥ 4500	35.4	78.7	85.3	88.3	90.4	91.4	91.8	92.0	92.0	92.3	92.3	92.3	92.5	92.5	92.5	92.5
≥ 4000	35.8	79.6	86.1	89.1	91.3	92.3	92.7	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.3	93.3
≥ 3500	35.8	79.8	86.3	89.4	91.5	92.5	92.9	93.1	93.1	93.3	93.3	93.3	93.5	93.5	93.5	93.5
≥ 3000	36.0	80.5	87.2	90.2	92.4	93.3	93.8	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.4
≥ 2500	36.5	81.4	88.1	91.1	93.2	94.2	94.6	94.8	94.8	95.1	95.1	95.1	95.3	95.3	95.3	95.3
≥ 2000	36.8	81.9	88.6	91.6	93.8	94.7	95.2	95.4	95.4	95.6	95.6	95.6	95.8	95.8	95.8	95.8
≥ 1800	36.8	82.0	88.7	91.7	93.9	94.8	95.3	95.5	95.5	95.7	95.7	95.7	95.9	95.9	95.9	95.9
≥ 1500	36.8	82.0	88.7	91.7	93.9	94.8	95.3	95.5	95.5	95.7	95.7	95.7	95.9	95.9	95.9	95.9
≥ 1200	36.8	82.2	88.8	91.8	94.1	95.1	95.5	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.1
≥ 1000	36.9	82.5	89.1	92.2	94.4	95.4	95.8	96.0	96.0	96.2	96.2	96.2	96.5	96.5	96.5	96.5
≥ 900	37.0	82.6	89.2	92.4	94.6	95.6	96.0	96.2	96.2	96.5	96.5	96.5	96.7	96.7	96.7	96.7
≥ 800	37.2	82.9	89.7	92.8	95.1	96.0	96.5	96.7	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1
≥ 700	37.3	83.0	89.8	92.9	95.2	96.1	96.6	96.8	96.8	97.0	97.0	97.0	97.2	97.2	97.2	97.2
≥ 600	37.3	83.1	90.0	93.1	95.4	96.3	96.8	97.0	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.5
≥ 500	37.3	83.2	90.2	93.3	95.7	96.7	97.1	97.3	97.4	97.7	97.7	97.7	98.0	98.0	98.0	98.0
≥ 400	37.3	83.2	90.4	93.5	95.9	96.9	97.4	97.6	97.7	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 300	37.3	83.3	90.5	93.8	96.1	97.1	97.6	97.8	98.0	98.4	98.4	98.4	98.6	98.7	98.7	98.7
≥ 200	37.3	83.3	90.5	93.8	96.1	97.1	97.6	98.3	98.5	99.0	99.0	99.0	99.2	99.4	99.4	99.4
≥ 100	37.3	83.3	90.5	93.8	96.1	97.1	97.6	98.3	98.5	99.0	99.0	99.0	99.4	99.5	99.6	99.8
≥ 0	37.3	83.3	90.5	93.8	96.1	97.1	97.6	98.3	98.5	99.0	99.0	99.0	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

9308

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	39.2	68.2	69.4	70.8	71.5	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 20000	41.8	73.4	74.7	76.1	77.0	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	41.9	73.5	74.8	76.2	77.1	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 16000	42.0	74.1	75.4	76.8	77.6	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	42.4	74.7	76.0	77.4	78.3	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	43.5	77.0	78.3	79.7	80.5	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000	45.7	81.3	82.7	84.1	84.9	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	45.8	82.4	83.8	85.2	86.0	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 8000	46.7	84.9	86.7	88.1	88.9	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	47.0	85.9	87.7	89.1	90.1	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000	47.6	86.8	88.6	90.0	91.0	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	48.1	87.7	89.6	91.0	91.9	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	48.1	88.2	90.0	91.4	92.4	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	48.2	88.7	90.5	91.9	92.9	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	48.2	89.0	90.9	92.3	93.2	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	48.4	90.1	91.9	93.4	94.4	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	48.5	91.1	92.9	94.4	95.4	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	49.0	92.0	94.0	95.6	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	49.0	92.2	94.1	95.7	96.7	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	49.2	92.9	94.9	96.6	97.5	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	49.2	92.9	95.1	96.7	97.6	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	49.2	93.0	95.2	96.8	97.7	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	49.2	93.2	95.4	97.0	98.0	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	49.2	93.3	95.6	97.2	98.2	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	49.2	93.4	95.7	97.3	98.3	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	49.2	93.4	95.7	97.3	98.3	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	49.2	93.5	95.9	97.6	98.6	98.7	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	49.2	93.5	95.9	97.6	98.6	98.7	99.2	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 300	49.2	93.5	95.9	97.6	98.7	98.8	99.4	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200	49.2	93.5	95.9	97.6	98.7	98.8	99.4	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	49.2	93.5	95.9	97.6	98.7	98.8	99.4	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0
0	49.2	93.5	95.9	97.6	98.7	98.8	99.4	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	51.1	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
≥ 20000	55.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	56.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 16000	56.6	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	82.0
≥ 14000	57.4	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
≥ 12000	58.7	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
≥ 10000	60.8	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	89.2	89.2
≥ 9000	60.9	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
≥ 8000	61.8	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
≥ 7000	62.5	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	92.8
≥ 6000	62.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	62.8	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
≥ 4500	63.2	94.6	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
≥ 4000	63.4	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
≥ 3500	63.7	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	64.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.3	97.0	97.0
≥ 2500	64.8	97.3	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	65.1	98.9	99.5	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	65.1	99.0	99.6	99.6	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	65.1	99.1	99.7	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
≥ 1200	65.1	99.1	99.7	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
≥ 1000	65.1	99.1	99.7	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	65.1	99.1	99.7	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
≥ 800	65.1	99.1	99.7	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	65.1	99.1	99.7	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
≥ 600	65.1	99.1	99.7	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
≥ 500	65.1	99.1	99.7	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
≥ 400	65.1	99.1	99.7	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
≥ 300	65.1	99.1	99.7	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
≥ 200	65.1	99.1	99.7	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
≥ 100	65.1	99.1	99.7	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	65.1	99.1	99.7	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 930

7638

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20000	53.8	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	53.8	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
≥ 16000	54.1	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	78.6
≥ 14000	54.3	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
≥ 12000	55.8	82.5	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
≥ 10000	59.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	59.2	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	60.2	89.6	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
≥ 7000	61.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	61.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000	61.7	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	92.9	92.9
≥ 4500	61.9	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	93.4
≥ 4000	62.6	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	63.1	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	63.4	96.2	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	63.4	96.3	96.9	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	63.8	97.3	98.3	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	63.8	97.5	98.5	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	63.8	97.5	98.6	98.6	98.9	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	64.0	97.7	98.9	98.9	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	64.0	97.7	98.9	98.9	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	64.0	97.8	99.0	99.0	99.4	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	64.3	97.8	99.1	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	64.0	97.8	99.1	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	64.0	97.8	99.1	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	64.0	97.8	99.1	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	64.0	97.8	99.1	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	64.0	97.8	99.1	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	64.0	97.8	99.1	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	64.0	97.8	99.1	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	64.0	97.8	99.1	99.1	99.5	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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	47.8	69.1	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
≥ 20000	51.3	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	75.7	75.7
≥ 18000	51.3	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
≥ 16000	51.3	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
≥ 14000	52.1	76.9	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	52.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	56.4	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	85.1
≥ 9000	56.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 8000	57.5	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000	57.8	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
≥ 6000	58.7	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	60.0	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	60.3	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	61.1	93.8	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
≥ 3500	61.5	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	61.9	96.1	96.6	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
≥ 2500	62.3	97.0	97.5	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
≥ 2000	62.9	98.1	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	62.9	98.2	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	63.0	98.4	99.0	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
≥ 1200	63.1	98.6	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	63.1	98.6	99.2	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	63.1	98.6	99.2	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	63.1	98.6	99.2	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	63.1	98.6	99.2	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	63.1	98.6	99.2	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	63.1	98.6	99.2	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	63.1	98.6	99.2	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.1	98.6	99.2	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.1	98.6	99.2	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.1	98.6	99.2	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.1	98.6	99.2	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

8608

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	51.5	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
≥ 20000	52.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 18000	52.8	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
≥ 16000	52.8	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
≥ 14000	53.3	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	80.4
≥ 12000	55.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000	58.3	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
≥ 9000	58.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 8000	59.7	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7000	59.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	60.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	61.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4500	61.6	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
≥ 4000	61.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	62.4	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
≥ 3000	63.0	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	63.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	63.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	63.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	64.1	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
≥ 1200	64.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	64.6	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	99.7	99.7
≥ 900	64.6	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	99.7	99.7
≥ 800	64.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	64.7	99.7	99.7	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
≥ 600	64.7	99.7	99.7	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
≥ 500	64.7	99.7	99.7	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
≥ 400	64.7	99.7	99.7	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
≥ 300	64.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	64.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	64.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0	64.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12510 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR, LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	45.1	70.3	71.5	72.1	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 20000	47.5	75.4	76.6	77.3	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	47.6	75.7	76.9	77.6	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	47.7	76.0	77.2	77.8	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	48.2	76.8	78.1	78.7	79.1	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	49.3	79.1	80.2	80.9	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 10000	51.9	83.6	85.0	85.6	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 9000	52.0	84.4	85.7	86.4	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	53.3	86.7	88.2	88.8	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	53.5	87.9	89.4	90.1	90.5	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000	54.1	88.6	90.3	91.0	91.5	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 5000	54.8	90.0	91.8	92.3	92.7	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	55.5	90.4	92.0	92.7	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	55.8	91.2	92.8	93.5	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	55.7	91.8	93.4	94.1	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	56.0	92.7	94.4	95.1	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	56.4	93.4	95.1	95.8	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	56.8	94.4	96.2	97.0	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1800	56.9	94.5	96.3	97.1	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1500	57.0	94.9	96.7	97.4	98.0	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	57.2	95.1	96.9	97.7	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	57.2	95.2	97.1	97.8	98.5	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	57.2	95.3	97.2	98.0	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	57.3	95.4	97.3	98.1	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 700	57.3	95.5	97.4	98.2	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 600	57.4	95.6	97.5	98.3	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	57.4	95.6	97.5	98.4	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	57.4	95.7	97.6	98.4	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	57.4	95.7	97.6	98.5	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	57.4	95.7	97.6	98.5	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	57.4	95.7	97.6	98.5	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 0	57.4	95.7	97.6	98.5	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

8039

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12010 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥ 0	≥0
NO CEILING	51.8	75.2	76.3	77.0	77.2	77.2	77.3	77.3	77.3	77.6	77.9	78.1	78.1	78.3	78.7	78.9
≥ 20000	52.3	76.6	77.7	78.3	78.6	78.6	78.7	78.7	78.7	78.9	79.2	79.4	79.4	79.7	80.0	80.2
≥ 18000	52.4	76.8	77.9	79.6	78.8	78.8	78.9	78.9	78.9	79.1	79.4	79.7	79.7	79.9	80.2	80.4
≥ 16000	52.4	76.8	77.9	78.6	78.8	78.8	78.9	78.9	78.9	79.1	79.4	79.7	79.7	79.9	80.2	80.4
≥ 14000	52.4	76.9	78.0	78.7	78.9	78.9	79.0	79.0	79.0	79.2	79.6	79.8	79.8	80.0	80.3	80.6
≥ 12000	52.6	77.6	78.7	79.3	79.6	79.6	79.7	79.7	79.7	79.9	80.2	80.4	80.4	80.7	81.0	81.2
≥ 10000	54.4	80.6	81.7	82.3	82.6	82.6	82.7	82.7	82.7	82.9	83.2	83.4	83.4	83.7	84.0	84.2
≥ 9000	54.8	81.0	82.1	82.8	83.0	83.0	83.1	83.1	83.1	83.3	83.7	83.9	83.9	84.1	84.4	84.7
≥ 8000	56.4	83.3	84.4	85.1	85.3	85.3	85.4	85.4	85.4	85.7	86.0	86.2	86.2	86.4	86.8	87.0
≥ 7000	.6	83.5	85.1	85.9	86.1	86.1	86.2	86.2	86.2	86.4	86.8	87.0	87.0	87.2	87.6	87.8
≥ 6000	56.6	84.9	86.1	86.9	87.1	87.1	87.2	87.2	87.2	87.4	87.8	88.0	88.0	88.2	88.6	88.8
≥ 5000	57.1	85.6	86.8	87.6	87.8	87.8	87.9	87.9	87.9	88.1	88.4	88.7	88.7	88.9	89.2	89.4
≥ 4500	57.2	86.1	87.3	88.1	88.3	88.3	88.4	88.4	88.4	88.7	89.0	89.2	89.2	89.4	89.8	90.0
≥ 4000	58.2	87.9	89.2	90.0	90.2	90.2	90.3	90.3	90.3	90.6	90.9	91.1	91.1	91.3	91.7	91.9
≥ 3500	58.4	88.2	89.6	90.3	90.6	90.6	90.7	90.7	90.7	90.9	91.2	91.4	91.4	91.7	92.0	92.2
≥ 3000	59.1	89.2	90.6	91.3	91.6	91.6	91.7	91.7	91.7	91.9	92.2	92.4	92.4	92.7	93.0	93.2
≥ 2500	59.4	89.8	91.1	91.7	92.1	92.1	92.2	92.2	92.2	92.4	92.8	93.0	93.0	93.2	93.6	93.8
≥ 2000	61.0	90.8	92.1	92.9	93.1	93.1	93.2	93.2	93.2	93.4	93.8	94.0	94.0	94.2	94.6	94.8
≥ 1800	60.1	90.9	92.2	93.0	93.2	93.2	93.3	93.3	93.3	93.6	93.9	94.1	94.1	94.3	94.7	94.9
≥ 1500	60.2	91.3	92.7	93.6	93.8	93.8	93.9	93.9	93.9	94.1	94.4	94.7	94.7	94.9	95.2	95.4
≥ 1200	60.6	91.8	93.1	94.0	94.2	94.2	94.3	94.3	94.3	94.6	94.9	95.1	95.1	95.3	95.7	95.9
≥ 1000	60.6	92.2	93.7	94.6	94.8	94.8	94.9	94.9	94.9	95.1	95.4	95.7	95.7	95.9	96.2	96.4
≥ 900	60.8	92.4	94.0	94.9	95.1	95.1	95.2	95.2	95.2	95.4	95.8	96.0	96.0	96.2	96.6	96.8
≥ 800	60.8	92.6	94.3	95.2	95.4	95.4	95.6	95.6	95.6	95.8	96.1	96.3	96.3	96.6	96.9	97.1
≥ 700	60.8	92.8	94.7	95.6	95.8	95.8	95.9	95.9	95.9	96.1	96.4	96.7	96.7	96.9	97.2	97.4
≥ 600	60.9	92.9	94.9	95.8	96.1	96.1	96.2	96.2	96.2	96.4	96.8	97.0	97.0	97.2	97.6	97.8
≥ 500	60.9	92.9	95.1	96.0	96.3	96.3	96.4	96.4	96.4	96.7	97.0	97.2	97.2	97.4	97.8	98.0
≥ 400	60.9	93.0	95.6	96.8	97.2	97.2	97.3	97.3	97.3	97.6	97.9	98.1	98.1	98.3	98.7	98.9
≥ 300	60.9	93.1	95.7	97.0	97.4	97.4	97.7	97.7	97.7	97.9	98.2	98.4	98.4	98.7	99.0	99.2
≥ 200	60.9	93.1	95.7	97.0	97.4	97.4	97.7	97.7	97.7	97.9	98.2	98.4	98.4	98.7	99.0	99.3
≥ 100	60.9	93.1	95.7	97.0	97.4	97.4	97.7	97.7	97.7	97.9	98.3	98.6	98.6	98.8	99.2	99.6
0	60.9	93.1	95.7	97.0	97.4	97.4	97.7	97.7	97.7	97.9	98.3	98.6	98.6	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.2	68.7	70.2	70.9	71.6	71.9	72.0	72.2	72.2	72.8	73.0	73.0	73.2	73.2	73.6	74.3
≥ 20000	43.3	69.6	71.1	71.8	72.4	72.8	72.9	73.1	73.7	73.7	73.9	73.9	74.1	74.1	74.4	75.2
≥ 18000	43.3	69.8	71.3	72.0	72.7	73.0	73.1	73.3	73.9	73.9	74.1	74.1	74.3	74.3	74.7	75.4
≥ 16000	43.3	69.8	71.3	72.0	72.7	73.0	73.1	73.3	73.9	73.9	74.1	74.1	74.3	74.3	74.7	75.4
≥ 14000	43.4	70.2	71.8	72.4	73.1	73.4	73.6	73.8	74.3	74.3	74.6	74.6	74.8	74.8	75.1	75.9
≥ 12000	43.7	71.2	72.8	73.4	74.1	74.4	74.6	74.8	75.3	75.3	75.6	75.6	75.8	75.8	76.1	76.9
≥ 10000	45.4	73.8	75.3	76.0	76.7	77.0	77.1	77.3	77.9	77.9	78.1	78.1	78.3	78.3	78.7	79.4
≥ 9000	45.4	74.1	75.7	76.3	77.0	77.3	77.4	77.7	78.2	78.2	78.4	78.4	78.7	78.7	79.0	79.8
≥ 8000	45.6	75.1	76.7	77.4	78.1	78.4	78.6	78.8	79.3	79.3	79.6	79.6	79.8	79.8	80.1	80.9
≥ 7000	46.0	76.6	78.3	79.1	79.8	80.1	80.2	80.4	81.0	81.0	81.2	81.2	81.4	81.4	81.8	82.6
≥ 6000	47.1	78.7	80.2	81.0	81.7	82.0	82.1	82.3	82.9	82.9	83.1	83.1	83.3	83.3	83.7	84.4
≥ 5000	47.8	80.2	81.8	82.6	83.2	83.5	83.7	83.9	84.4	84.4	84.7	84.7	84.9	84.9	85.2	86.0
≥ 4500	48.2	81.0	82.6	83.3	84.0	84.4	84.6	84.8	85.3	85.3	85.6	85.6	85.8	85.8	86.1	86.9
≥ 4000	49.3	82.6	84.1	84.9	85.6	86.0	86.1	86.3	86.9	86.9	87.1	87.1	87.3	87.3	87.7	88.4
≥ 3500	49.9	83.6	85.2	86.0	86.7	87.1	87.2	87.4	88.0	88.0	88.2	88.2	88.4	88.4	88.8	89.6
≥ 3000	51.0	85.3	87.0	87.8	88.4	88.9	89.0	89.2	89.8	89.8	90.0	90.0	90.2	90.2	90.6	91.3
≥ 2500	51.4	85.8	87.4	88.2	88.9	89.3	89.4	89.7	90.2	90.2	90.4	90.4	90.7	90.7	91.0	91.8
≥ 2000	51.8	86.6	88.2	89.0	89.7	90.1	90.2	90.4	91.0	91.0	91.2	91.2	91.4	91.4	91.8	92.6
≥ 1800	52.0	86.8	88.4	89.2	89.9	90.3	90.4	90.7	91.2	91.2	91.4	91.4	91.7	91.7	92.0	92.8
≥ 1500	52.1	87.2	88.9	89.7	90.3	90.8	90.9	91.1	91.7	91.7	91.9	91.9	92.1	92.1	92.4	93.2
≥ 1200	52.3	87.7	89.3	90.1	90.6	91.2	91.3	91.6	92.1	92.1	92.3	92.3	92.6	92.6	92.9	93.7
≥ 1000	52.4	88.0	89.7	90.4	91.1	91.6	91.7	91.9	92.4	92.4	92.7	92.7	92.9	92.9	93.2	94.0
≥ 900	52.9	88.7	90.6	91.3	92.0	92.4	92.6	92.8	93.3	93.3	93.6	93.6	93.8	93.8	94.1	94.9
≥ 800	53.1	89.1	91.1	91.9	92.6	93.0	93.1	93.3	93.9	93.9	94.1	94.1	94.3	94.3	94.7	95.4
≥ 700	53.2	89.3	91.4	92.2	92.9	93.3	93.4	93.7	94.2	94.2	94.4	94.4	94.7	94.7	95.0	95.8
≥ 600	53.2	89.4	91.6	92.3	93.0	93.6	93.7	93.9	94.4	94.4	94.7	94.7	94.9	94.9	95.2	96.0
≥ 500	53.2	89.8	92.0	92.8	93.6	94.2	94.3	94.7	95.2	95.2	95.4	95.4	95.7	95.7	96.0	96.8
≥ 400	53.2	89.9	92.2	93.0	93.9	94.7	94.9	95.2	95.8	95.8	96.0	96.0	96.2	96.2	96.6	97.3
≥ 300	53.2	89.9	92.2	93.0	94.0	94.9	95.1	95.4	96.0	96.0	96.2	96.2	96.4	96.4	96.8	97.6
≥ 200	53.2	89.9	92.2	93.0	94.0	94.9	95.3	95.8	96.3	96.6	96.9	96.9	97.2	97.2	97.6	98.3
≥ 100	53.2	89.9	92.2	93.0	94.0	94.9	95.3	95.9	96.4	96.7	97.2	97.2	97.6	97.6	97.9	99.0
0	53.2	89.9	92.2	93.0	94.0	94.9	95.3	95.9	96.4	96.7	97.2	97.2	97.6	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

8100

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.2	57.1	60.8	63.3	64.9	65.8	66.6	67.1	67.3	67.3	67.3	67.3	67.8	67.8	67.9	69.1
≥ 20000	31.7	59.3	63.1	65.8	67.3	68.2	69.0	69.6	69.8	69.8	69.8	69.8	70.2	70.2	70.3	71.6
≥ 18000	31.7	59.3	63.1	65.8	67.3	68.2	69.0	69.6	69.8	69.8	69.8	69.8	70.2	70.2	70.3	71.6
≥ 16000	31.7	59.3	63.1	65.8	67.3	68.2	69.0	69.6	69.8	69.8	69.8	69.8	70.2	70.2	70.3	71.6
≥ 14000	31.8	59.7	63.4	66.1	67.8	68.7	69.6	70.1	70.3	70.3	70.3	70.3	70.8	70.8	70.9	72.1
≥ 12000	32.0	60.9	64.7	67.4	69.3	70.2	71.1	71.7	71.9	71.9	71.9	71.9	72.3	72.3	72.4	73.7
≥ 10000	33.9	64.4	68.3	71.2	73.1	74.3	75.0	75.6	75.8	75.8	75.8	75.8	76.2	76.2	76.3	77.6
≥ 9000	33.9	64.6	68.4	71.3	73.2	74.1	75.1	75.7	75.9	75.9	75.9	75.9	76.3	76.3	76.4	77.7
≥ 8000	34.1	65.6	69.4	72.3	74.2	75.1	76.1	76.7	76.9	76.9	76.9	76.9	77.3	77.3	77.4	78.7
≥ 7000	34.3	66.9	70.8	73.7	75.7	76.6	77.6	78.1	78.3	78.3	78.3	78.3	78.8	78.8	78.9	80.1
≥ 6000	34.8	68.1	72.0	74.9	76.9	77.8	78.8	79.3	79.6	79.6	79.6	79.6	80.0	80.0	80.1	81.3
≥ 5000	35.3	69.4	73.3	76.4	78.6	79.4	80.4	81.0	81.2	81.2	81.2	81.2	81.7	81.7	81.8	83.0
≥ 4500	35.9	70.8	74.8	77.9	80.0	81.0	82.0	82.6	82.9	82.9	83.0	83.0	83.4	83.4	83.6	84.8
≥ 4000	36.7	72.2	76.2	79.4	81.6	82.7	83.7	84.2	84.6	84.6	84.7	84.7	85.1	85.1	85.2	86.4
≥ 3500	37.1	72.9	76.9	80.1	82.2	83.3	84.3	84.9	85.2	85.2	85.3	85.3	85.8	85.8	85.9	87.1
≥ 3000	37.6	73.8	77.8	81.0	83.3	84.4	85.4	86.0	86.3	86.3	86.4	86.4	86.9	86.9	87.0	88.2
≥ 2500	37.6	73.8	77.8	81.1	83.4	84.6	85.6	86.2	86.6	86.6	86.7	86.7	87.1	87.1	87.2	88.4
≥ 2000	38.0	74.7	78.7	82.1	84.4	85.6	86.6	87.2	87.6	87.6	87.7	87.7	88.1	88.1	88.2	89.6
≥ 1800	38.0	74.7	78.7	82.1	84.4	85.6	86.6	87.2	87.6	87.6	87.7	87.7	88.1	88.1	88.2	89.6
≥ 1500	38.1	75.0	79.1	82.6	84.9	86.0	87.0	87.7	88.0	88.0	88.1	88.1	88.6	88.6	88.7	90.0
≥ 1200	38.2	75.3	79.4	82.9	85.2	86.3	87.3	88.0	88.3	88.3	88.4	88.4	88.9	88.9	89.0	90.3
≥ 1000	38.2	75.6	79.7	83.2	85.6	86.8	87.8	88.4	88.8	88.8	88.9	88.9	89.3	89.3	89.4	90.8
≥ 900	38.2	76.0	80.1	83.7	86.1	87.3	88.3	89.0	89.3	89.3	89.4	89.4	89.9	89.9	90.0	91.3
≥ 800	38.2	76.4	80.6	84.2	86.8	88.0	89.0	89.7	90.0	90.0	90.1	90.1	90.6	90.6	90.7	92.0
≥ 700	38.3	76.9	81.1	85.0	87.6	88.8	89.8	90.4	90.8	90.8	90.9	90.9	91.3	91.3	91.6	92.9
≥ 600	38.3	77.4	81.9	85.9	88.4	89.7	90.7	91.3	91.7	91.7	91.8	91.8	92.2	92.2	92.4	93.8
≥ 500	38.3	77.6	82.0	86.0	88.6	89.9	90.9	91.7	92.0	92.0	92.1	92.1	92.6	92.6	92.8	94.1
≥ 400	38.3	77.6	82.0	86.0	88.7	90.2	91.2	92.3	92.8	92.8	92.9	92.9	93.4	93.4	93.7	95.0
≥ 300	38.3	77.6	82.0	86.0	88.7	90.2	91.3	92.4	92.9	93.0	93.2	93.2	93.9	93.9	94.1	95.4
≥ 200	38.3	77.6	82.0	86.0	88.7	90.2	91.3	92.6	93.0	93.3	94.0	94.0	95.1	95.3	95.6	97.3
≥ 100	38.3	77.6	82.0	86.0	88.7	90.2	91.3	92.6	93.0	93.3	94.0	94.1	95.3	95.7	96.6	99.2
≥ 0	38.3	77.6	82.0	86.0	88.7	90.2	91.3	92.6	93.0	93.3	94.0	94.1	95.3	95.8	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.7	65.3	66.9	67.4	68.0	68.6	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.7
≥ 20000	42.0	69.3	71.0	71.6	72.1	72.7	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.6	73.8
≥ 18000	42.0	69.3	71.0	71.6	72.1	72.7	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.6	73.8
≥ 16000	42.0	69.4	71.1	71.7	72.2	72.8	73.1	73.3	73.4	73.4	73.5	73.6	73.6	73.6	73.7	73.9
≥ 14000	42.0	69.7	71.3	71.9	72.4	73.0	73.3	73.7	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.2
≥ 12000	42.3	70.6	72.3	72.9	73.6	74.1	74.6	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.2	75.4
≥ 10000	43.7	74.1	76.2	76.8	77.4	78.0	78.6	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.2	79.4
≥ 9000	43.8	74.3	76.4	77.0	77.7	78.2	78.8	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.7
≥ 8000	44.1	76.8	79.0	79.7	80.4	81.0	81.6	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.2	82.4
≥ 7000	44.4	77.7	80.1	80.8	81.6	82.1	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.6
≥ 6000	44.6	78.4	80.9	81.6	82.3	82.9	83.4	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.3
≥ 5000	44.9	79.9	82.4	83.1	83.9	84.4	85.0	85.3	85.4	85.4	85.6	85.6	85.6	85.6	85.7	85.9
≥ 4500	45.1	81.0	83.6	84.2	85.0	85.6	86.1	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.8	87.0
≥ 4000	45.6	81.9	84.6	85.3	86.1	86.7	87.2	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.9	88.1
≥ 3500	45.6	82.0	84.7	85.4	86.3	86.9	87.4	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.1	88.3
≥ 3000	46.0	83.1	85.8	86.6	87.4	88.0	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.4
≥ 2500	46.3	83.6	86.2	87.0	87.9	88.4	89.0	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.7	89.9
≥ 2000	46.6	85.0	87.7	88.4	89.3	89.9	90.4	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.3
≥ 1800	46.6	85.0	87.7	88.6	89.4	90.0	90.6	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.4
≥ 1500	46.8	85.8	88.4	89.4	90.3	90.9	91.4	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.1	92.3
≥ 1200	46.8	85.9	88.8	89.9	90.9	91.4	92.0	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.7	92.9
≥ 1000	46.8	86.1	89.1	90.2	91.3	92.0	92.7	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.6
≥ 900	46.8	86.3	89.6	90.8	91.9	92.6	93.2	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.9	94.1
≥ 800	46.8	86.6	89.9	91.1	92.3	93.0	93.8	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.7
≥ 700	46.8	86.9	90.3	91.7	93.0	93.8	94.6	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.6
≥ 600	46.8	86.9	90.3	91.8	93.2	94.1	95.0	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.9	96.1
≥ 500	46.8	86.9	90.6	92.2	93.8	94.7	95.8	96.3	96.4	96.6	96.7	96.7	96.8	96.8	96.9	97.1
≥ 400	46.8	86.9	90.6	92.2	93.9	94.8	96.1	96.7	96.8	96.9	97.3	97	97.4	97.4	97.6	97.8
≥ 300	46.8	86.9	90.6	92.2	94.0	94.9	96.3	97.0	97.1	97.2	97.9	98.0	98.1	98.1	98.2	98.4
≥ 200	46.8	86.9	90.6	92.2	94.0	94.9	96.3	97.0	97.2	97.4	98.2	98.3	98.6	98.6	98.7	99.2
≥ 100	46.8	86.9	90.6	92.2	94.0	94.9	96.3	97.0	97.2	97.4	98.2	98.3	98.6	98.6	98.9	99.6
0	46.8	86.9	90.6	92.2	94.0	94.9	96.3	97.0	97.2	97.4	98.2	98.3	98.6	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

8101

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.8	73.2	73.4	73.7	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 20000	54.4	78.2	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	54.4	78.3	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	54.6	78.6	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 14000	55.1	79.4	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 12000	55.6	80.4	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	57.6	83.9	84.4	84.7	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	57.7	84.6	85.1	85.3	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	59.1	87.1	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	59.6	88.3	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	59.8	89.3	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	60.4	90.7	91.3	91.6	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	60.4	91.1	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	60.8	92.0	92.8	93.0	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	60.9	92.6	93.3	93.6	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	61.7	94.4	95.2	95.4	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	62.2	95.4	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	62.3	95.9	97.1	97.6	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	62.4	96.1	97.3	97.9	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	62.4	96.2	97.4	98.0	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	62.4	96.8	98.0	98.6	99.0	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	62.4	97.0	98.2	98.8	99.2	99.2	99.2	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	62.4	97.0	98.2	98.8	99.2	99.2	99.2	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	62.4	97.1	98.3	98.9	99.3	99.3	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	62.4	97.1	98.3	98.9	99.3	99.3	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	62.4	97.1	98.3	98.9	99.3	99.3	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	62.4	97.1	98.3	98.9	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	62.4	97.1	98.3	98.9	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	62.4	97.2	98.4	99.0	99.6	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	62.4	97.2	98.4	99.0	99.6	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	62.4	97.2	98.4	99.0	99.6	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	62.4	97.2	98.4	99.0	99.6	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (EST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	53.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 20000	55.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	55.7	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	76.6
≥ 16000	55.8	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
≥ 14000	56.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	57.1	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	79.6	79.6
≥ 10000	59.9	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
≥ 9000	60.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 8000	60.8	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	86.9
≥ 7000	61.6	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
≥ 6000	62.7	90.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	63.7	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	64.3	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
≥ 4000	64.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	65.7	95.3	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
≥ 3000	66.4	96.4	96.9	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
≥ 2500	66.4	96.9	97.4	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
≥ 2000	66.9	97.8	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	67.0	97.9	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	67.0	98.1	98.7	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
≥ 1200	67.0	98.3	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	67.0	98.3	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	67.0	98.3	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	67.0	98.3	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	67.0	98.3	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	67.0	98.3	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	67.0	98.3	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	67.0	98.4	99.0	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
≥ 300	67.0	98.4	99.0	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
≥ 200	67.0	98.4	99.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	67.0	98.4	99.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
0	67.0	98.4	99.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

8102

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 STATION | MACDILL AFB FL STATION NAME | 67-70,73-78 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.8	72.0	72.0	72.1	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
≥ 20000	51.8	75.3	75.3	75.4	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0
≥ 18000	51.9	75.6	75.6	75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 16000	51.9	75.6	75.6	75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 14000	52.2	76.0	76.0	76.1	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 12000	53.6	78.8	78.8	78.9	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 10000	55.6	82.7	82.7	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 9000	55.7	83.3	83.3	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 8000	56.3	85.2	85.4	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 7000	57.3	87.1	87.3	87.4	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0
≥ 6000	58.3	89.1	89.4	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 5000	60.2	91.8	92.1	92.2	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 4500	61.1	93.0	93.3	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 4000	62.0	94.9	95.3	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 3500	62.4	95.6	96.0	96.1	96.5	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 3000	62.9	96.1	96.6	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 2500	62.9	96.2	96.7	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 2000	63.0	97.2	97.7	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 1800	63.1	97.4	97.9	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1500	63.1	97.4	98.0	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1200	63.1	97.4	98.1	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1000	63.1	97.6	98.2	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 900	63.1	97.6	98.2	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 800	63.2	97.7	98.3	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 700	63.3	97.8	98.4	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 600	63.3	97.8	98.6	98.7	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	63.3	97.9	98.7	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	63.3	97.9	98.7	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	63.3	97.9	98.7	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	63.3	97.9	98.7	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	63.3	97.9	98.7	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	63.3	97.9	98.7	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	50.7	72.7	73.6	73.8	74.1	74.1	74.3	74.3	74.4	74.7	74.7	74.7	75.1	75.2	75.3
≥ 20000	51.7	74.9	75.8	76.0	76.3	76.3	76.6	76.6	76.7	76.9	76.9	76.9	77.3	77.4	77.6
≥ 18000	51.7	75.0	75.9	76.1	76.4	76.4	76.7	76.7	76.8	77.0	77.0	77.0	77.4	77.6	77.7
≥ 16000	51.7	75.0	75.9	76.1	76.4	76.4	76.7	76.7	76.8	77.0	77.0	77.0	77.4	77.6	77.7
≥ 14000	51.7	75.1	76.0	76.2	76.6	76.6	76.8	76.8	76.9	77.1	77.1	77.1	77.6	77.7	77.8
≥ 12000	52.3	76.4	77.3	77.6	77.9	77.9	78.1	78.1	78.2	78.4	78.4	78.4	78.9	79.0	79.1
≥ 10000	54.0	80.4	81.3	81.6	81.9	81.9	82.1	82.1	82.2	82.4	82.4	82.4	82.9	83.0	83.1
≥ 9000	54.2	80.9	81.8	82.0	82.3	82.3	82.6	82.6	82.7	82.9	82.9	82.9	83.3	83.4	83.6
≥ 8000	56.3	84.0	84.9	85.1	85.4	85.4	85.8	85.8	85.9	86.1	86.1	86.1	86.6	86.7	86.8
≥ 7000	56.8	85.0	85.9	86.1	86.4	86.4	86.8	86.8	86.9	87.1	87.1	87.1	87.6	87.7	87.8
≥ 6000	57.8	86.3	87.3	87.6	87.9	87.9	88.2	88.2	88.3	88.6	88.6	88.6	89.0	89.1	89.2
≥ 5000	58.9	88.1	89.1	89.3	89.7	89.7	90.0	90.0	90.1	90.3	90.3	90.3	90.8	90.9	91.0
≥ 4500	59.1	88.4	89.4	89.7	90.0	90.0	90.3	90.3	90.4	90.7	90.7	90.7	91.1	91.2	91.3
≥ 4000	59.8	90.1	91.1	91.3	91.7	91.7	92.0	92.0	92.1	92.3	92.3	92.3	92.8	92.9	93.0
≥ 3500	60.2	91.2	92.4	92.7	93.0	93.0	93.3	93.3	93.4	93.7	93.7	93.7	94.1	94.2	94.3
≥ 3000	60.8	91.9	93.1	93.3	93.7	93.7	94.0	94.0	94.1	94.3	94.3	94.3	94.8	94.9	95.0
≥ 2500	60.8	92.2	93.4	93.7	94.0	94.0	94.3	94.3	94.4	94.7	94.7	94.7	95.1	95.2	95.3
≥ 2000	61.1	93.2	94.4	94.7	95.0	95.0	95.3	95.3	95.4	95.7	95.7	95.7	96.1	96.2	96.3
≥ 1800	61.1	93.2	94.4	94.7	95.0	95.0	95.3	95.3	95.4	95.7	95.7	95.7	96.1	96.2	96.3
≥ 1500	61.2	94.1	95.3	95.6	95.9	95.9	96.2	96.2	96.3	96.6	96.6	96.6	97.0	97.1	97.2
≥ 1200	61.4	94.3	95.7	95.9	96.2	96.2	96.6	96.6	96.7	96.9	96.9	96.9	97.3	97.4	97.6
≥ 1000	61.6	94.7	96.0	96.2	96.6	96.6	96.9	96.9	97.0	97.2	97.2	97.2	97.7	97.8	97.9
≥ 900	61.6	94.7	96.0	96.2	96.6	96.6	96.9	96.9	97.0	97.2	97.2	97.2	97.7	97.8	97.9
≥ 800	61.8	94.9	96.2	96.4	96.8	96.8	97.1	97.2	97.3	97.6	97.6	97.6	98.0	98.1	98.2
≥ 700	61.9	95.0	96.6	96.8	97.1	97.1	97.4	97.6	97.7	97.9	97.9	97.9	98.3	98.4	98.6
≥ 600	61.9	95.2	96.8	97.0	97.3	97.3	97.7	97.8	98.0	98.2	98.2	98.2	98.7	98.8	98.9
≥ 500	61.9	95.4	97.1	97.6	97.9	97.9	98.2	98.3	98.6	98.8	98.8	98.8	99.2	99.3	99.4
≥ 400	61.9	95.4	97.1	97.6	97.9	97.9	98.2	98.3	98.6	98.8	98.8	98.8	99.2	99.3	99.4
≥ 300	61.9	95.4	97.1	97.6	97.9	97.9	98.2	98.3	98.6	98.8	98.8	98.8	99.2	99.3	99.4
≥ 200	61.9	95.4	97.1	97.6	97.9	97.9	98.2	98.3	98.6	98.8	98.8	98.8	99.2	99.3	99.4
≥ 100	61.9	95.4	97.1	97.6	97.9	97.9	98.2	98.3	98.6	98.8	98.9	98.9	99.4	99.7	99.8
0	61.9	95.4	97.1	97.6	97.9	97.9	98.2	98.3	98.6	98.8	98.9	98.9	99.4	99.7	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 909

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

8103

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12813 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	46.8	69.3	70.4	71.1	71.5	71.8	72.0	72.1	72.2	72.3	72.4	72.4	72.6	72.6	72.7	73.0
≥ 20000	47.8	72.4	73.6	74.3	74.7	75.0	75.2	75.3	75.4	75.5	75.6	75.6	75.8	75.8	75.9	76.2
≥ 18000	47.9	72.6	73.8	74.4	74.9	75.1	75.3	75.4	75.6	75.7	75.7	75.8	75.9	76.0	76.1	76.4
≥ 16000	47.9	72.7	73.0	74.5	75.0	75.2	75.4	75.5	75.7	75.7	75.8	75.8	76.0	76.0	76.2	76.5
≥ 14000	48.2	73.1	74.3	75.0	75.4	75.7	75.9	76.0	76.2	76.3	76.3	76.4	76.5	76.6	76.7	77.0
≥ 12000	48.6	74.4	75.6	76.3	76.8	77.1	77.3	77.4	77.6	77.6	77.7	77.8	77.9	77.9	78.1	78.4
≥ 10000	50.6	77.9	79.2	79.8	80.3	80.6	80.8	81.0	81.1	81.2	81.3	81.3	81.5	81.5	81.6	81.9
≥ 9000	50.7	78.3	79.6	80.3	80.8	81.0	81.3	81.4	81.5	81.6	81.7	81.7	81.9	81.9	82.0	82.4
≥ 8000	51.6	80.5	81.8	82.5	83.0	83.3	83.6	83.7	83.8	83.9	84.0	84.0	84.2	84.2	84.3	84.6
≥ 7000	52.1	81.8	83.1	83.8	84.4	84.6	84.9	85.0	85.2	85.2	85.3	85.3	85.5	85.5	85.7	86.0
≥ 6000	52.7	83.1	84.5	85.2	85.8	86.0	86.3	86.4	86.6	86.6	86.7	86.8	86.9	86.9	87.1	87.4
≥ 5000	53.5	84.7	86.1	86.9	87.4	87.7	88.0	88.1	88.2	88.3	88.4	88.4	88.6	88.6	88.7	89.0
≥ 4500	53.9	85.5	87.0	87.7	88.3	88.5	88.8	88.9	89.1	89.2	89.3	89.3	89.4	89.5	89.6	89.9
≥ 4000	54.7	86.9	88.5	89.2	89.8	90.1	90.4	90.5	90.7	90.7	90.8	90.9	91.0	91.1	91.2	91.5
≥ 3500	55.0	87.7	89.2	90.0	90.6	90.9	91.2	91.3	91.4	91.5	91.6	91.6	91.8	91.8	91.9	92.3
≥ 3000	55.7	88.8	90.4	91.1	91.8	92.0	92.3	92.5	92.6	92.7	92.8	92.8	93.0	93.0	93.1	93.4
≥ 2500	55.9	89.2	90.8	91.6	92.3	92.5	92.8	93.0	93.1	93.2	93.3	93.3	93.5	93.5	93.6	93.9
≥ 2000	56.2	90.1	91.8	92.6	93.3	93.6	93.8	94.0	94.1	94.2	94.3	94.3	94.5	94.5	94.6	95.0
≥ 1800	56.3	90.3	91.9	92.7	93.4	93.7	94.0	94.1	94.3	94.3	94.4	94.5	94.6	94.7	94.8	95.1
≥ 1500	56.4	90.7	92.3	93.2	93.9	94.2	94.5	94.6	94.8	94.8	94.9	95.0	95.1	95.2	95.3	95.6
≥ 1200	56.5	90.9	92.7	93.6	94.3	94.6	94.9	95.0	95.2	95.3	95.4	95.4	95.6	95.6	95.7	96.1
≥ 1000	56.5	91.2	92.9	93.8	94.6	94.9	95.2	95.4	95.3	95.6	95.7	95.8	95.9	95.9	96.1	96.4
≥ 900	56.6	91.4	93.2	94.1	94.9	95.2	95.5	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.7
≥ 800	56.7	91.6	93.5	94.4	95.2	95.5	95.8	96.0	96.2	96.3	96.4	96.4	96.5	96.6	96.7	97.0
≥ 700	56.7	91.8	93.7	94.7	95.6	95.9	96.2	96.4	96.5	96.6	96.7	96.8	96.9	96.9	97.1	97.4
≥ 600	56.7	91.9	93.9	94.9	95.8	96.2	96.5	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.4	97.7
≥ 500	56.7	92.0	94.1	95.2	96.1	96.5	96.	97.0	97.2	97.3	97.4	97.4	97.6	97.6	97.8	98.1
≥ 400	56.7	92.0	94.2	95.3	96.3	96.7	97.1	97.3	97.5	97.6	97.8	97.9	98.0	98.0	98.2	98.5
≥ 300	56.7	92.1	94.2	95.3	96.3	96.8	97.2	97.5	97.7	97.8	98.0	98.0	98.2	98.3	98.4	98.7
≥ 200	56.7	92.1	94.2	95.3	96.3	96.8	97.3	97.6	97.8	97.9	98.2	98.3	98.5	98.6	98.8	99.2
≥ 100	56.7	92.1	94.2	95.3	96.3	96.8	97.3	97.6	97.8	98.0	98.3	98.3	98.7	98.8	99.0	99.7
≥ 0	56.7	92.1	94.2	95.3	96.3	96.8	97.3	97.6	97.8	98.0	98.3	98.3	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	45.7	62.8	63.0	63.3	63.4	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.4	64.6	65.1	65.7
≥ 20000	46.2	64.2	64.5	64.8	64.9	65.2	65.3	65.4	65.5	65.5	65.5	65.5	65.9	66.1	66.6	67.2
≥ 18000	46.2	64.4	64.7	65.1	65.2	65.4	65.5	65.6	65.7	65.7	65.7	65.7	66.1	66.3	66.8	67.4
≥ 16000	46.5	64.8	64.9	65.3	65.4	65.6	65.7	65.8	65.9	65.9	65.9	65.9	66.3	66.6	67.0	67.6
≥ 14000	46.5	64.9	65.3	65.6	65.7	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.7	66.9	67.3	68.0
≥ 12000	47.8	66.9	67.2	67.5	67.6	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.6	68.8	69.2	69.9
≥ 10000	48.9	69.6	69.9	70.2	70.3	70.5	70.6	70.9	71.0	71.0	71.0	71.0	71.5	71.7	72.2	72.8
≥ 9000	49.5	70.5	70.9	71.2	71.3	71.5	71.6	71.8	71.9	71.9	71.9	71.9	72.5	72.7	73.1	73.8
≥ 8000	50.2	72.2	72.5	72.8	73.0	73.2	73.3	73.5	73.7	73.7	73.7	73.7	74.2	74.4	74.8	75.5
≥ 7000	51.0	73.5	73.9	74.2	74.4	74.6	74.7	74.9	75.1	75.2	75.2	75.2	75.7	75.9	76.5	77.1
≥ 6000	51.9	74.8	75.2	75.5	75.7	75.9	76.0	76.2	76.3	76.5	76.6	76.6	77.1	77.3	77.8	78.5
≥ 5000	53.2	76.9	77.2	77.5	77.7	78.0	78.1	78.3	78.4	78.5	78.6	78.6	79.1	79.4	79.9	80.5
≥ 4500	53.5	77.6	78.0	78.3	78.5	78.7	78.8	79.0	79.1	79.2	79.4	79.4	79.9	80.1	80.6	81.3
≥ 4000	54.7	80.5	81.0	81.4	81.6	81.8	81.9	82.2	82.3	82.4	82.5	82.5	83.0	83.2	83.8	84.4
≥ 3500	55.8	82.0	82.5	82.9	83.1	83.3	83.4	83.7	83.8	83.9	84.0	84.0	84.5	84.7	85.4	86.0
≥ 3000	56.6	83.4	84.0	84.4	84.6	84.8	84.9	85.3	85.4	85.5	85.6	85.6	86.1	86.3	87.0	87.6
≥ 2500	57.4	85.3	85.8	86.3	86.6	86.8	86.9	87.2	87.3	87.4	87.5	87.5	88.1	88.3	88.9	89.7
≥ 2000	58.1	86.8	87.4	88.0	88.2	88.4	88.5	88.8	88.9	89.0	89.1	89.1	89.7	89.9	90.5	91.3
≥ 1800	58.1	86.9	87.5	88.1	88.3	88.5	88.6	88.9	89.0	89.1	89.2	89.2	89.8	90.0	90.6	91.4
≥ 1500	58.1	87.1	87.7	88.3	88.5	88.7	88.8	89.1	89.2	89.4	89.5	89.5	90.0	90.2	90.9	91.6
≥ 1200	58.4	88.5	89.1	89.7	90.1	90.3	90.6	91.0	91.1	91.2	91.3	91.3	91.8	92.0	92.7	93.4
≥ 1000	58.4	88.6	89.5	90.0	90.4	90.6	91.0	91.3	91.4	91.5	91.6	91.6	92.2	92.4	93.0	93.8
≥ 900	58.4	89.1	89.8	90.5	91.1	91.3	91.7	92.0	92.2	92.3	92.4	92.4	93.0	93.2	93.9	94.6
≥ 800	58.6	89.7	90.4	91.2	91.7	91.9	92.4	92.7	92.8	92.9	93.0	93.0	93.7	93.9	94.5	95.3
≥ 700	58.6	90.2	91.1	92.0	92.7	92.9	93.4	93.8	93.9	94.0	94.1	94.1	94.7	94.9	95.6	96.3
≥ 600	58.7	90.5	91.4	92.4	93.0	93.2	93.8	94.1	94.2	94.3	94.4	94.4	95.1	95.3	95.9	96.7
≥ 500	58.9	91.1	91.9	92.9	93.5	93.8	94.3	94.6	94.7	94.8	94.9	94.9	95.6	95.8	96.5	97.2
≥ 400	58.9	91.1	91.9	92.9	93.5	93.8	94.3	94.7	95.1	95.2	95.3	95.3	96.0	96.2	96.9	97.6
≥ 300	58.9	91.3	92.3	93.3	94.1	94.3	94.8	95.3	95.6	95.8	95.9	95.9	96.8	97.0	97.6	98.4
≥ 200	58.9	91.3	92.3	93.3	94.1	94.3	94.8	95.3	95.6	95.8	96.0	96.0	97.2	97.4	98.4	99.2
≥ 100	58.9	91.3	92.3	93.3	94.1	94.3	94.8	95.4	95.7	95.9	96.1	96.1	97.3	97.5	98.7	99.7
≥ 0	58.9	91.3	92.3	93.3	94.1	94.3	94.8	95.4	95.7	95.9	96.1	96.1	97.3	97.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8101

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.8	62.3	63.3	64.0	64.7	65.1	65.3	65.7	65.8	65.8	65.8	65.8	65.8	65.8	66.0	67.2
≥ 20000	41.8	63.7	64.7	65.4	66.1	66.5	66.7	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.4	68.6
≥ 18000	41.8	63.9	64.9	65.6	66.3	66.7	66.9	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6	68.8
≥ 16000	41.8	63.9	64.9	65.6	66.3	66.7	66.9	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6	68.8
≥ 14000	41.8	64.0	65.1	65.7	66.5	66.8	67.0	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.7	68.9
≥ 12000	42.4	64.8	65.9	66.6	67.3	67.6	67.8	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.6	69.8
≥ 10000	43.3	67.3	68.4	69.0	69.8	70.1	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.1	72.3
≥ 9000	43.5	68.2	69.2	69.9	70.6	71.0	71.2	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.9	73.1
≥ 8000	44.0	70.2	71 3	71.9	72.7	73.0	73.2	73.7	73.8	73.8	73.8	73.8	73.8	73.8	74.0	75.2
≥ 7000	44.6	71.4	72.5	73.1	74.0	74.3	74.5	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.3	76.5
≥ 6000	45.4	72.5	73.5	74.2	75.1	75.4	75.6	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.3	77.6
≥ 5000	46.8	74.7	75.8	76.5	77.3	77.6	77.8	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.6	79.9
≥ 4500	47.1	75.4	76.5	77.1	78.0	78.3	78.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.2	80.5
≥ 4000	48.1	78.0	79.1	79.9	81.1	81.4	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.7	84.0
≥ 3500	49.0	79.8	81.0	81.7	82.9	83.2	83.5	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.5	85.8
≥ 3000	49.8	80.6	81.8	82.6	83.9	84.2	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.5	86.8
≥ 2500	51.3	82.8	84.1	85.1	86.3	86.7	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	88.0	89.2
≥ 2000	51.6	83.8	85.1	86.0	87.3	87.6	88.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.9	90.2
≥ 1800	51.6	84.2	85.7	86.7	88.0	88.3	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.6	90.9
≥ 1500	51.6	84.5	86.1	87.1	88.4	88.7	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	90.0	91.3
≥ 1200	51.7	85.2	86.8	87.7	89.0	89.4	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.6	91.9
≥ 1000	51.7	85.3	86.9	87.8	89.1	89.5	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.8	92.2
≥ 900	51.7	85.6	87.3	88.3	89.6	89.9	90.2	90.6	90.8	90.8	90.8	90.8	90.8	90.8	91.2	92.6
≥ 800	51.7	85.7	87.4	88.4	89.7	90.0	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.4	92.8
≥ 700	51.7	86.2	88.0	89.0	90.6	91.0	91.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.4	93.8
≥ 600	51.7	86.3	88.2	89.5	91.1	91.4	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.8	94.2
≥ 500	51.8	86.8	88.7	90.1	91.7	92.0	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.4	94.8
≥ 400	51.8	87.0	88.9	90.4	92.3	92.6	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5	94.0	95.4
≥ 300	51.8	87.1	89.3	90.5	92.4	92.7	93.2	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.4	95.8
≥ 200	51.8	87.2	89.1	90.6	92.6	92.9	93.4	94.0	94.3	94.4	94.5	94.5	95.1	95.2	95.8	97.4
≥ 100	51.8	87.2	89.1	90.6	92.6	92.9	93.4	94.1	94.5	94.7	95.1	95.1	95.6	95.9	96.7	99.0
≥ 0	51.8	87.2	89.1	90.6	92.6	92.9	93.4	94.1	94.5	94.7	95.1	95.1	95.6	96.0	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12510 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.7	52.2	55.3	56.8	58.4	58.6	59.7	60.1	60.6	61.2	61.5	61.6	61.9	61.9	62.4	62.9
≥ 20000	32.5	54.0	57.1	58.6	60.2	60.4	61.5	61.9	62.5	63.0	63.3	63.4	63.8	63.8	64.2	64.7
≥ 18000	32.9	54.2	57.3	58.8	60.4	60.6	61.7	62.2	62.7	63.2	63.5	63.7	64.0	64.0	64.4	64.9
≥ 16000	32.7	54.3	57.4	58.9	60.5	60.8	61.8	62.3	62.8	63.3	63.7	63.8	64.1	64.1	64.5	65.1
≥ 14000	32.8	54.4	57.6	59.1	60.8	61.0	62.0	62.5	63.0	63.5	63.9	64.0	64.3	64.3	64.7	65.3
≥ 12000	33.1	55.4	58.7	60.2	61.8	62.0	63.1	63.5	64.1	64.6	64.9	65.1	65.4	65.4	65.8	66.3
≥ 10000	33.9	57.4	60.8	62.3	63.9	64.1	65.2	65.6	66.1	66.7	67.0	67.1	67.4	67.4	67.8	68.4
≥ 9000	34.4	58.3	61.6	63.1	64.7	64.9	66.0	66.5	67.0	67.5	67.8	68.0	68.3	68.3	68.7	69.2
≥ 8000	35.2	60.4	63.8	65.3	66.9	67.1	68.2	68.6	69.1	69.7	70.0	70.1	70.4	70.4	70.9	71.4
≥ 7000	35.8	62.0	65.4	66.9	68.5	68.7	69.8	70.2	70.8	71.3	71.6	71.7	72.0	72.0	72.5	73.0
≥ 6000	36.2	63.2	66.6	68.1	69.7	69.9	71.0	71.4	71.9	72.5	72.8	72.9	73.2	73.2	73.7	74.2
≥ 5000	37.0	65.4	68.7	70.2	71.9	72.2	73.2	73.7	74.2	74.7	75.1	75.2	75.5	75.5	75.9	76.5
≥ 4500	37.5	66.0	69.4	70.9	72.6	72.8	73.9	74.3	74.8	75.4	75.7	75.8	76.1	76.1	76.6	77.1
≥ 4000	38.6	67.7	71.3	72.8	74.5	74.7	75.8	76.2	76.8	77.3	77.6	77.7	78.1	78.1	78.5	79.0
≥ 3500	39.6	69.0	72.6	74.1	75.9	76.0	77.1	77.5	78.1	78.6	78.9	79.0	79.4	79.4	79.8	80.3
≥ 3000	40.3	70.6	74.3	75.9	77.7	78.1	79.1	79.6	80.1	80.6	81.0	81.1	81.4	81.4	81.8	82.4
≥ 2500	41.3	72.7	76.7	78.5	80.5	80.9	81.9	82.4	82.9	83.4	83.8	83.9	84.2	84.2	84.6	85.2
≥ 2000	41.4	74.2	78.2	80.0	82.3	82.6	83.8	84.2	84.7	85.3	85.7	85.8	86.1	86.1	86.6	87.1
≥ 1800	41.4	74.2	78.3	80.1	82.4	82.7	83.9	84.3	84.8	85.4	85.8	85.9	86.2	86.2	86.7	87.2
≥ 1500	41.5	74.9	79.0	81.0	83.2	83.5	84.8	85.3	85.8	86.3	86.8	86.9	87.2	87.2	87.6	88.2
≥ 1200	41.6	75.3	79.5	81.5	83.8	84.2	85.5	85.9	86.5	87.0	87.4	87.5	87.8	87.8	88.3	88.8
≥ 1000	41.6	75.7	80.0	82.0	84.3	84.7	86.0	86.5	87.0	87.5	88.0	88.1	88.4	88.4	88.9	89.6
≥ 900	41.6	76.5	80.8	82.9	85.2	85.6	86.9	87.4	88.0	88.5	88.9	89.0	89.4	89.4	89.9	90.5
≥ 800	41.6	76.8	81.3	83.4	85.8	86.2	87.7	88.3	88.8	89.4	89.8	89.9	90.2	90.2	90.8	91.4
≥ 700	41.6	76.9	81.6	83.8	86.2	86.7	88.2	88.9	89.5	90.0	90.4	90.5	90.9	90.9	91.4	92.0
≥ 600	41.6	77.2	82.2	84.3	87.1	87.5	89.0	89.8	90.3	90.9	91.3	91.4	91.7	91.7	92.3	93.1
≥ 500	41.6	77.4	82.5	84.8	88.0	88.4	89.9	90.6	91.3	92.0	92.5	92.6	92.9	93.0	93.7	94.5
≥ 400	41.6	77.4	82.6	84.8	88.0	88.4	89.9	90.6	91.3	92.0	92.5	92.6	92.9	93.0	93.7	94.5
≥ 300	41.6	77.4	82.7	84.9	88.1	88.5	90.1	91.0	91.6	92.5	93.0	93.1	93.4	93.5	94.2	95.2
≥ 200	41.6	77.4	82.7	84.9	88.2	88.6	90.4	91.5	92.4	93.3	94.0	94.1	95.1	95.5	96.1	97.3
≥ 100	41.6	77.4	82.7	84.9	88.2	88.6	90.5	91.6	92.5	93.5	94.3	94.4	95.4	95.9	96.9	99.2
0	41.6	77.4	82.7	84.9	88.2	88.6	90.5	91.6	92.5	93.5	94.3	94.4	95.4	95.9	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8105

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.1	57.6	60.1	61.4	61.6	61.8	62.3	62.7	62.9	62.9	63.1	63.2	63.3	63.4	63.5	63.7
≥ 20000	38.6	61.2	63.9	65.2	65.6	65.6	66.0	66.5	66.7	66.7	66.9	67.0	67.1	67.2	67.3	67.4
≥ 18000	38.6	61.2	63.9	65.2	65.6	65.6	66.1	66.6	66.8	66.8	67.0	67.1	67.2	67.3	67.4	67.5
≥ 16000	38.6	61.3	64.0	65.3	65.7	65.7	66.2	66.7	66.9	66.9	67.1	67.2	67.3	67.4	67.5	67.6
≥ 14000	38.6	61.4	64.1	65.4	65.8	65.8	66.3	66.8	67.0	67.0	67.2	67.3	67.4	67.5	67.6	67.7
≥ 12000	38.7	63.1	66.0	67.3	67.7	67.7	68.3	68.7	69.0	69.0	69.2	69.4	69.5	69.6	69.7	69.8
≥ 10000	40.1	64.9	67.8	69.1	69.7	69.7	70.3	70.8	71.1	71.1	71.3	71.4	71.5	71.6	71.7	71.8
≥ 9000	40.1	65.6	68.5	69.8	70.3	70.3	71.0	71.4	71.7	71.7	71.9	72.0	72.2	72.3	72.4	72.5
≥ 8000	40.3	66.9	69.9	71.2	71.7	71.8	72.5	72.9	73.2	73.2	73.4	73.5	73.7	73.8	73.9	74.0
≥ 7000	41.2	68.4	71.4	72.8	73.4	73.5	74.2	74.6	74.9	74.9	75.2	75.3	75.4	75.5	75.6	75.7
≥ 6000	41.8	69.7	72.7	74.1	74.7	74.8	75.5	75.9	76.2	76.2	76.5	76.6	76.7	76.8	76.9	77.0
≥ 5000	42.2	71.1	74.1	75.5	76.1	76.2	76.9	77.3	77.6	77.6	77.8	78.0	78.1	78.2	78.3	78.4
≥ 4500	42.5	71.8	74.8	76.3	77.0	77.1	77.7	78.2	78.5	78.5	78.7	78.8	78.9	79.0	79.1	79.2
≥ 4000	42.8	73.5	76.7	78.5	79.5	79.6	80.2	80.6	81.0	81.0	81.2	81.3	81.4	81.5	81.6	81.7
≥ 3500	43.5	74.8	78.0	79.8	80.8	80.9	81.5	81.9	82.3	82.3	82.5	82.6	82.7	82.9	82.9	83.0
≥ 3000	43.8	76.5	79.7	81.6	82.7	82.8	83.4	83.9	84.2	84.2	84.4	84.5	84.6	84.7	84.8	84.9
≥ 2500	44.4	78.4	81.8	83.8	84.8	84.9	85.7	86.1	86.5	86.5	86.7	86.8	86.9	87.0	87.1	87.2
≥ 2000	44.8	79.9	83.4	85.6	87.4	87.6	88.6	89.0	89.5	89.5	89.7	89.8	89.9	90.0	90.1	90.2
≥ 1800	44.9	80.1	83.7	85.8	87.6	87.8	88.8	89.2	89.7	89.7	89.9	90.0	90.1	90.2	90.3	90.4
≥ 1500	45.2	81.1	84.7	86.9	88.8	89.0	90.0	90.5	91.0	91.1	91.3	91.4	91.5	91.6	91.7	91.8
≥ 1200	45.3	81.4	85.1	87.2	89.5	89.7	90.8	91.5	91.9	92.0	92.3	92.4	92.5	92.6	92.7	92.8
≥ 1000	45.3	82.0	85.7	88.0	90.2	90.4	91.5	92.3	92.7	92.8	93.0	93.1	93.2	93.3	93.4	93.5
≥ 900	45.4	82.5	86.1	88.4	90.6	90.9	92.0	92.8	93.2	93.3	93.5	93.7	93.8	93.9	94.0	94.1
≥ 800	45.4	82.6	86.3	88.7	91.0	91.2	92.6	93.3	93.8	93.9	94.1	94.2	94.3	94.4	94.5	94.6
≥ 700	45.5	82.7	86.5	88.9	91.3	91.5	92.9	93.7	94.1	94.2	94.4	94.5	94.6	94.7	94.8	94.9
≥ 600	45.6	83.0	86.8	89.2	91.8	92.2	93.7	94.4	94.8	94.9	95.2	95.3	95.4	95.5	95.6	95.7
≥ 500	45.7	83.1	86.9	89.5	92.4	92.8	94.3	95.2	95.7	95.8	96.0	96.1	96.3	96.5	96.7	96.8
≥ 400	45.7	83.1	87.0	89.6	92.5	93.1	94.9	95.8	96.5	96.6	96.8	96.9	97.1	97.2	97.4	97.5
≥ 300	45.7	83.1	87.0	89.7	92.6	93.2	95.1	96.1	96.8	97.1	97.3	97.4	97.7	97.8	98.1	98.2
≥ 200	45.7	83.1	87.0	89.7	92.6	93.3	95.2	96.2	96.9	97.3	97.7	97.8	98.3	98.4	98.9	99.1
≥ 100	45.7	83.1	87.0	89.7	92.6	93.3	95.2	96.2	96.9	97.3	97.7	97.8	98.3	98.4	99.2	99.8
≥ 0	45.7	83.1	87.0	89.7	92.6	93.3	95.2	96.2	96.9	97.3	97.7	97.8	98.3	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12613 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	49.7	65.2	65.4	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	51.6	69.4	69.6	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 18000	51.6	69.4	69.6	69.9	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	51.6	69.4	69.6	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	51.8	69.6	69.8	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	52.3	71.2	71.4	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	53.4	73.4	73.7	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 9000	53.8	74.1	74.3	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	55.2	77.1	77.3	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	55.1	76.5	78.8	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
≥ 6000	57.4	80.2	80.4	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	56.2	81.4	81.6	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	58.7	82.4	82.8	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	59.8	84.7	85.2	85.7	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	60.3	86.1	86.6	87.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	61.3	88.9	89.4	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	61.3	90.0	90.6	91.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	61.7	91.6	92.7	93.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	61.7	91.8	93.0	93.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	61.7	92.2	93.4	94.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	61.9	92.9	94.5	95.4	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	62.0	93.0	94.7	95.6	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	62.0	93.0	94.7	95.6	97.2	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	62.2	93.1	94.9	95.8	97.4	97.4	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	62.3	93.2	95.2	96.0	97.8	97.8	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	62.3	93.3	95.5	96.3	98.2	98.3	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	62.3	93.3	95.6	96.6	98.5	98.6	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	62.3	93.3	95.6	96.6	98.5	98.6	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	62.3	93.3	95.6	96.6	98.5	98.6	98.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	62.3	93.3	95.6	96.6	98.5	98.6	98.9	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	62.3	93.3	95.6	96.6	98.5	98.6	98.9	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	62.3	93.3	95.6	96.6	98.5	98.6	98.9	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

8106

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12510 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.2	66.1	66.3	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 20000	57.3	71.9	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	57.3	72.0	72.3	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 16000	57.3	72.0	72.3	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 14000	57.5	72.9	73.1	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 12000	58.3	74.2	74.4	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	59.8	76.5	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	60.2	77.1	77.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	61.6	79.7	79.9	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	63.0	82.4	82.8	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	64.1	84.3	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	65.2	85.7	86.1	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	66.3	87.1	87.5	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	67.8	89.9	90.3	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	68.4	90.8	91.2	91.7	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	69.4	92.4	93.0	93.5	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	69.5	93.0	93.8	94.3	94.8	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	69.9	94.2	95.1	95.8	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	69.9	94.4	95.3	96.0	96.7	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	69.9	94.6	95.4	96.3	97.0	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	69.9	94.8	95.8	96.6	97.2	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	69.9	95.1	96.1	96.9	97.5	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	69.9	95.3	96.3	97.1	97.7	98.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	69.9	95.4	96.5	97.2	97.8	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	69.9	95.6	96.8	97.5	98.3	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	69.9	95.6	96.8	97.[illegible]	[illegible].3	98.7	99.[illegible]	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	69.9	95.6	96.8	97.6	98.4	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	69.9	95.6	96.8	97.6	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.9	95.6	96.8	97.6	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.9	95.6	96.8	97.6	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.9	95.6	96.8	97.6	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.9	95.6	96.8	97.6	98.5	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.1	68.8	69.0	69.0	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7
≥ 20000	54.7	71.8	72.1	72.1	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 18000	54.8	71.9	72.2	72.2	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	73.0	73.0
≥ 16000	54.8	.9	72.2	72.2	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	73.0	73.0
≥ 14000	55.3	.5	72.8	72.8	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
≥ 12000	56.5	73.9	74.2	74.2	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0
≥ 10000	57.8	76.7	77.0	77.0	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8
≥ 9000	58.0	77.3	77.6	77.6	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3
≥ 8000	58.5	78.8	79.1	79.1	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 7000	59.8	80.4	80.8	80.9	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7
≥ 6000	60.7	81.7	82.2	82.3	82.9	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4
≥ 5000	62.0	83.5	84.3	84.4	84.9	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.5	85.5
≥ 4500	63.4	85.6	86.3	86.5	87.1	87.3	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥ 4000	64.9	88.6	89.3	89.5	90.1	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6
≥ 3500	65.4	89.5	90.3	90.5	91.1	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 3000	65.7	91.1	91.8	92.2	92.8	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 2500	66.1	91.6	92.3	92.9	93.4	93.6	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 2000	66.2	92.1	92.9	93.6	94.2	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 1800	66.2	92.3	93.1	94.0	94.5	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 1500	66.2	92.8	93.5	94.4	94.9	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 1200	66.2	93.2	94.0	94.9	95.5	95.7	95.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 1000	66.3	94.0	94.9	96.0	96.6	96.8	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 900	66.3	94.2	95.2	96.2	96.9	97.1	97.1	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 800	66.3	94.2	95.2	96.2	96.9	97.2	97.2	97.7	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0
≥ 700	66.3	94.7	95.7	96.8	97.4	97.7	97.7	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 600	66.3	94.8	95.8	96.9	97.5	97.8	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 500	66.3	94.8	95.9	97.1	97.8	98.2	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4
≥ 400	66.3	94.8	95.9	97.1	98.1	98.4	98.6	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 300	66.3	94.8	95.9	97.1	98.1	98.4	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 200	66.3	94.8	95.9	97.1	98.1	98.4	98.7	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 100	66.3	94.8	95.9	97.1	98.1	98.4	98.7	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0
0	66.3	94.8	95.9	97.1	98.1	98.4	98.7	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

8107

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.9	67.5	67.5	67.7	67.7	67.9	67.9	67.9	68.0	68.3	68.3	68.3	68.5	68.5	68.7	68.8
≥ 20000	52.0	69.8	69.8	70.0	70.0	70.1	70.1	70.1	70.2	70.6	70.6	70.6	70.9	71.0	71.3	71.4
≥ 18000	52.0	69.8	69.8	70.0	70.0	70.1	70.1	70.1	70.2	70.6	70.6	70.6	70.9	71.0	71.3	71.4
≥ 16000	52.0	69.8	69.8	70.0	70.0	70.1	70.1	70.1	70.2	70.6	70.6	70.6	70.9	71.0	71.3	71.4
≥ 14000	52.3	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.6	70.9	70.9	70.9	71.2	71.3	71.6	71.7
≥ 12000	52.9	71.5	71.5	71.7	71.7	71.8	71.8	71.8	72.0	72.3	72.3	72.3	72.6	72.7	73.0	73.1
≥ 10000	54.0	74.1	74.1	74.3	74.4	74.5	74.5	74.5	74.6	75.0	75.0	75.0	75.3	75.4	75.7	75.8
≥ 9000	54.5	74.6	74.6	74.9	75.0	75.1	75.1	75.1	75.2	75.5	75.5	75.5	75.8	75.9	76.3	76.4
≥ 8000	55.6	76.9	76.9	77.1	77.2	77.3	77.3	77.3	77.5	77.8	77.8	77.8	78.1	78.2	78.5	78.6
≥ 7000	56.7	79.9	80.2	80.5	80.6	80.7	80.7	80.7	80.8	81.1	81.1	81.1	81.4	81.6	81.9	82.0
≥ 6000	57.6	81.2	81.4	81.8	81.9	82.0	82.0	82.0	82.1	82.5	82.7	82.7	83.1	83.2	83.5	83.6
≥ 5000	59.2	83.6	83.8	84.1	84.3	84.4	84.4	84.4	84.5	84.9	85.1	85.1	85.4	85.5	86.1	86.2
≥ 4500	59.4	84.3	84.5	84.8	84.9	85.0	85.0	85.0	85.1	85.5	85.8	85.8	86.1	86.2	86.7	86.8
≥ 4000	60.6	86.0	86.2	86.5	86.7	86.8	86.8	86.8	86.9	87.4	87.6	87.6	87.9	88.0	88.6	88.7
≥ 3500	61.3	87.3	87.5	87.8	88.0	88.1	88.1	88.1	88.2	88.7	88.9	88.9	89.2	89.3	89.9	90.0
≥ 3000	62.2	88.7	89.0	89.3	89.6	89.8	89.8	89.8	89.9	90.3	90.5	90.5	90.8	90.9	91.5	91.6
≥ 2500	63.1	89.8	90.1	90.4	90.8	90.9	90.9	91.0	91.2	91.6	91.8	91.8	92.1	92.2	92.8	92.9
≥ 2000	63.4	90.4	90.8	91.2	91.6	91.7	91.7	91.8	91.9	92.3	92.6	92.6	92.9	93.0	93.5	93.6
≥ 1800	63.5	90.5	91.0	91.4	91.8	91.9	91.9	92.1	92.2	92.7	92.9	92.9	93.2	93.3	93.9	94.0
≥ 1500	63.6	90.8	91.5	91.9	92.3	92.4	92.4	92.7	92.8	93.2	93.4	93.4	93.7	93.9	94.4	94.5
≥ 1200	63.8	91.9	92.7	93.1	93.5	93.6	93.7	94.0	94.1	94.5	94.7	94.7	95.0	95.1	95.7	95.8
≥ 1000	63.8	92.4	93.2	93.6	94.1	94.2	94.3	94.5	94.6	95.0	95.3	95.3	95.6	95.7	96.2	96.3
≥ 900	63.8	92.4	93.2	93.6	94.1	94.2	94.4	94.6	94.7	95.1	95.4	95.4	95.7	95.8	96.3	96.4
≥ 800	63.8	92.4	93.2	93.6	94.1	94.2	94.4	94.6	94.7	95.1	95.5	95.5	95.8	95.9	96.4	96.5
≥ 700	63.8	92.9	93.7	94.2	94.7	94.8	95.0	95.3	95.4	95.8	96.1	96.1	96.5	96.7	97.2	97.3
≥ 600	63.8	93.0	93.9	94.3	94.9	95.0	95.3	95.5	95.6	96.0	96.3	96.3	96.8	96.9	97.4	97.5
≥ 500	63.8	93.1	94.1	94.5	95.3	95.5	95.7	95.9	96.0	96.4	96.8	96.8	97.2	97.3	97.8	98.0
≥ 400	63.8	93.1	94.1	94.5	95.3	95.5	95.7	95.9	96.0	96.4	96.9	96.9	97.4	97.5	98.2	98.3
≥ 300	63.8	93.1	94.1	94.6	95.4	95.6	95.8	96.0	96.1	96.5	97.0	97.0	97.5	97.6	98.3	98.4
≥ 200	63.8	93.1	94.1	94.6	95.4	95.6	95.8	96.1	96.3	96.9	97.5	97.6	98.4	98.5	99.2	99.8
≥ 100	63.8	93.1	94.1	94.6	95.4	95.6	95.8	96.1	96.3	96.9	97.5	97.6	98.4	98.5	99.4	99.9
0	63.8	93.1	94.1	94.6	95.4	95.6	95.8	96.1	96.3	96.9	97.5	97.6	98.4	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	[illegible]	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.5	62.8	63.7	64.3	64.8	64.9	65.2	65.3	65.5	65.6	65.6	65.7	65.8	65.9	66.0	66.4
≥ 20000	46.8	65.7	66.7	67.3	67.8	67.9	68.1	68.3	68.4	68.6	68.6	68.7	68.8	68.9	69.1	69.4
≥ 18000	46.9	65.8	66.8	67.4	67.9	68.0	68.3	68.4	68.6	68.7	68.8	68.8	68.9	69.0	69.2	69.5
≥ 16000	46.9	65.9	66.9	67.5	67.9	68.1	68.3	68.5	68.6	68.7	68.8	68.8	69.0	69.0	69.2	69.6
≥ 14000	47.1	66.2	67.2	67.8	68.3	68.4	68.7	68.8	69.0	69.1	69.2	69.2	69.3	69.4	69.6	69.9
≥ 12000	47.7	67.6	68.7	69.3	69.8	69.9	70.1	70.3	70.4	70.6	70.6	70.7	70.8	70.9	71.1	71.4
≥ 10000	48.9	70.0	71.0	71.6	72.2	72.3	72.5	72.7	72.9	73.0	73.1	73.1	73.2	73.3	73.5	73.8
≥ 9000	49.2	70.7	71.8	72.3	72.9	73.0	73.2	73.4	73.6	73.7	73.8	73.8	74.0	74.0	74.2	74.5
≥ 8000	50.1	72.8	73.8	74.4	75.0	75.1	75.3	75.5	75.7	75.8	75.9	75.9	76.1	76.1	76.3	76.6
≥ 7000	51.0	74.6	75.7	76.3	76.9	77.0	77.3	77.5	77.6	77.8	77.8	77.9	78.0	78.1	78.3	78.6
≥ 6000	51.9	75.9	77.1	77.7	78.3	78.4	78.7	78.9	79.0	79.2	79.3	79.3	79.5	79.5	79.7	80.1
≥ 5000	52.9	77.8	79.0	79.6	80.2	80.4	80.6	80.8	81.0	81.1	81.3	81.3	81.4	81.5	81.7	82.1
≥ 4500	53.6	78.8	80.0	80.6	81.3	81.4	81.7	81.9	82.0	82.2	82.3	82.3	82.5	82.5	82.8	83.1
≥ 4000	54.7	81.1	82.4	83.1	83.9	84.0	84.3	84.5	84.6	84.8	84.9	84.9	85.1	85.1	85.4	85.7
≥ 3500	55.4	82.4	83.7	84.5	85.2	85.4	85.7	85.9	86.0	86.2	86.3	86.3	86.5	86.5	86.8	87.2
≥ 3000	56.1	84.0	85.4	86.2	87.0	87.2	87.5	87.7	87.9	88.0	88.1	88.2	88.3	88.4	88.6	89.0
≥ 2500	56.8	85.4	86.9	87.8	88.7	88.9	89.2	89.5	89.6	89.8	89.9	89.9	90.1	90.1	90.4	90.7
≥ 2000	57.1	86.6	88.2	89.2	90.3	90.5	90.8	91.1	91.2	91.4	91.5	91.5	91.7	91.8	92.0	92.4
≥ 1800	57.2	86.8	88.4	89.5	90.5	90.8	91.1	91.4	91.5	91.7	91.8	91.8	92.0	92.0	92.3	92.7
≥ 1500	57.2	87.2	89.0	90.0	91.1	91.4	91.7	92.0	92.1	92.3	92.4	92.5	92.6	92.7	93.0	93.3
≥ 1200	57.3	87.7	89.7	90.8	91.9	92.2	92.6	93.0	93.2	93.3	93.4	93.5	93.6	93.7	94.0	94.3
≥ 1000	57.4	88.3	90.1	91.2	92.4	92.7	93.1	93.5	93.7	93.9	94.0	94.0	94.2	94.2	94.5	94.9
≥ 900	57.4	88.6	90.4	91.6	92.8	93.0	93.5	93.9	94.1	94.3	94.4	94.4	94.6	94.7	95.0	95.3
≥ 800	57.4	88.7	90.7	91.8	93.0	93.3	93.9	94.3	94.5	94.6	94.8	94.8	95.0	95.0	95.3	95.7
≥ 700	57.4	89.1	91.1	92.3	93.6	93.9	94.5	95.0	95.1	95.3	95.4	95.5	95.7	95.7	96.0	96.4
≥ 600	57.5	89.2	91.3	92.5	94.0	94.3	94.9	95.4	95.5	95.7	95.9	95.9	96.1	96.1	96.4	96.8
≥ 500	57.5	89.4	91.6	92.9	94.4	94.8	95.4	95.9	96.2	96.4	96.5	96.5	96.7	96.8	97.1	97.5
≥ 400	57.5	89.4	91.6	92.9	94.6	94.9	95.6	96.2	96.4	96.6	96.8	96.8	97.0	97.1	97.4	97.8
≥ 300	57.5	89.5	91.7	93.0	94.7	95.0	95.7	96.4	96.6	96.9	97.0	97.1	97.4	97.4	97.3	98.2
≥ 200	57.5	89.5	91.7	93.1	94.7	95.1	95.8	96.5	96.8	97.1	97.4	97.4	97.9	98.1	98.5	99.1
≥ 100	57.5	89.5	91.7	93.1	94.7	95.1	95.8	96.6	96.9	97.2	97.5	97.6	98.1	98.2	98.8	99.7
0	57.5	89.5	91.7	93.1	94.7	95.1	95.8	96.6	96.9	97.2	97.5	97.6	98.1	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

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

87108

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-79 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.7	65.5	66.7	67.3	67.8	67.9	68.1	68.2	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.6
≥ 20000	44.3	72.9	74.2	74.9	75.4	75.5	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.1	76.2
≥ 18000	44.4	73.1	74.5	75.1	75.6	75.7	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.4
≥ 16000	44.5	73.3	74.6	75.3	75.8	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.5	76.6
≥ 14000	45.0	74.2	75.5	76.2	76.7	76.8	77.0	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.4	77.5
≥ 12000	46.1	76.2	77.5	78.2	78.7	78.9	79.0	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.5	79.6
≥ 10000	47.9	79.8	81.3	82.0	82.5	82.6	82.8	82.9	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.3
≥ 9000	48.1	80.5	82.0	82.7	83.2	83.3	83.5	83.6	83.7	83.7	83.8	83.8	83.9	83.9	84.0	84.1
≥ 8000	48.9	82.5	84.0	84.7	85.2	85.4	85.6	85.7	85.7	85.8	85.9	85.9	85.9	85.9	86.0	86.1
≥ 7000	49.3	83.4	84.9	85.7	86.2	86.4	86.6	86.7	86.7	86.8	86.9	86.9	86.9	86.9	87.0	87.1
≥ 6000	49.8	84.2	85.8	86.5	87.1	87.2	87.4	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.9	88.0
≥ 5000	50.3	85.4	87.0	87.7	88.3	88.5	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.2
≥ 4500	50.6	85.9	87.5	88.3	88.9	89.0	89.2	89.3	89.4	89.5	89.5	89.5	89.6	89.6	89.7	89.8
≥ 4000	51.2	87.1	88.8	89.6	90.2	90.3	90.5	90.7	90.7	90.8	90.8	90.9	90.9	90.9	91.0	91.1
≥ 3500	51.5	87.9	89.6	90.5	91.1	91.2	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.9	91.9	92.0
≥ 3000	52.0	89.0	90.8	91.7	92.3	92.5	92.7	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.2	93.3
≥ 2500	52.3	89.9	91.7	92.6	93.3	93.5	93.8	93.9	94.0	94.0	94.1	94.1	94.2	94.2	94.3	94.4
≥ 2000	52.7	90.9	92.8	93.8	94.5	94.7	95.0	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.6
≥ 1800	52.8	91.1	93.0	94.0	94.7	94.9	95.2	95.3	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.8
≥ 1500	52.9	91.5	93.5	94.5	95.2	95.4	95.7	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.3	96.4
≥ 1200	53.1	91.9	93.9	95.0	95.8	96.0	96.3	96.5	96.6	96.7	96.8	96.8	96.8	96.9	96.9	97.1
≥ 1000	53.2	92.2	94.3	95.4	96.2	96.4	96.8	97.0	97.0	97.1	97.2	97.2	97.3	97.3	97.4	97.5
≥ 900	53.2	92.4	94.5	95.6	96.4	96.6	97.0	97.2	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.8
≥ 800	53.3	92.5	94.7	95.8	96.7	96.9	97.2	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.9	98.0
≥ 700	53.3	92.7	94.9	96.0	96.9	97.2	97.5	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.2	98.3
≥ 600	53.4	92.8	95.0	96.2	97.1	97.4	97.7	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.5	98.6
≥ 500	53.4	92.9	95.1	96.3	97.3	97.6	98.0	98.2	98.3	98.5	98.6	98.6	98.7	98.7	98.8	98.9
≥ 400	53.4	92.9	95.2	96.4	97.4	97.7	98.2	98.4	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.1
≥ 300	53.4	92.9	95.2	96.4	97.5	97.8	98.3	98.6	98.7	98.8	98.9	99.0	99.1	99.1	99.2	99.3
≥ 200	53.4	92.9	95.3	96.5	97.5	97.8	98.3	98.6	98.7	98.9	99.1	99.1	99.3	99.3	99.4	99.6
≥ 100	53.4	92.9	95.2	96.5	97.5	97.8	98.3	98.6	98.7	98.9	99.1	99.1	99.3	99.4	99.6	99.9
≥ 0	53.4	92.9	95.2	96.5	97.5	97.8	98.3	98.6	98.7	98.9	99.1	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 87630

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	32.5			23.9						15.3	28.4	4.9	917
	03-05	31.5			20.5						15.6	32.4	5.3	921
	06-08	22.0			24.5						19.8	33.7	5.9	912
	09-11	13.5			28.2						23.4	35.0	6.4	920
	12-14	11.4			31.7						25.9	31.0	6.4	928
	15-17	10.9			28.7						28.5	31.9	6.6	930
	18-20	18.1			29.4						23.9	28.7	5.9	930
	21-23	27.4			30.4						18.6	23.6	4.9	928
TOTALS		20.9			27.2						21.4	30.6	5.8	7386

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

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	36.4			23.8						15.8	24.0	4.5	837
	03-05	32.4			21.5						17.2	28.8	5.1	829
	06-08	21.8			24.4						21.6	32.2	5.9	818
	09-11	21.5			23.3						23.6	31.5	6.0	840
	12-14	20.2			28.8						22.8	28.1	5.7	846
	15-17	17.8			29.3						23.0	29.8	5.9	846
	18-20	23.1			29.7						21.9	25.3	5.4	845
	21-23	33.7			27.8						14.1	24.4	4.5	845
TOTALS		25.9			26.1						20.0	28.0	5.4	6706

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70, 73-79 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	32.0			25.4						19.0	23.6	4.8	928
	03-05	32.9			22.7						18.3	26.1	4.9	926
	06-08	19.6			28.8						23.2	28.4	5.8	927
	09-11	17.4			33.3						21.9	27.3	5.7	930
	12-14	11.9			40.2						22.4	25.5	5.8	930
	15-17	12.6			35.5						23.8	28.2	6.0	930
	18-20	18.6			32.5						21.9	27.0	5.6	930
	21-23	31.4			30.8						15.6	22.3	4.6	930
TOTALS		22.1			31.2						20.8	26.1	5.4	7431

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 (STATION) MACDILL AFB FL (STATION NAME) 66-70,73-79 (PERIOD) APR (MONTH)

FERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	FERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	40.8			30.1						13.3	11.8	3.3	900
	03-05	44.4			25.4						16.0	14.3	3.6	895
	06-08	25.0			33.2						21.7	20.1	5.0	895
	09-11	21.8			35.0						23.2	20.0	5.1	900
	12-14	14.2			42.1						21.8	21.9	5.4	900
	15-17	15.6			39.9						23.5	21.0	5.4	898
	18-20	23.5			36.3						20.7	19.6	4.9	899
	21-23	43.2			29.3						14.7	12.8	3.5	900
TOTALS		29.1			33.9						19.4	17.1	4.5	7187

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (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	37.3			33.9						17.5	11.3	3.7	930
	03-05	36.0			33.2						16.6	14.3	3.9	929
	06-08	16.1			35.8						26.7	21.3	5.6	929
	09-11	10.8			44.3						23.3	21.6	5.6	930
	12-14	4.0			48.3						23.7	24.1	6.0	930
	15-17	5.4			43.0						27.5	24.1	6.2	930
	18-20	10.4			36.3						28.1	25.2	6.1	930
	21-23	26.8			37.8						21.2	14.2	4.5	930
TOTALS		18.4			39.1						23.1	19.5	5.2	7438

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	27.4			37.4						18.4	16.7	4.5	900
	03-05	29.2			40.9						17.2	12.7	4.0	900
	06-08	10.5			41.2						29.9	18.5	5.8	899
	09-11	4.6			48.0						27.6	19.9	5.9	900
	12-14	1.0			47.1						31.7	20.2	6.3	900
	15-17	1.4			37.1						38.9	22.6	6.9	900
	18-20	5.0			28.6						37.4	29.0	7.1	900
	21-23	15.3			36.3						24.8	23.6	5.7	900
TOTALS		11.8			39.6						28.2	20.4	5.8	7199

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (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	16.9			40.6						28.6	13.9	5.2	929
	03-05	24.5			44.6						22.5	8.4	4.2	930
	06-08	4.6			45.7						33.3	16.3	6.0	930
	09-11	2.2			41.7						38.2	18.0	6.5	930
	12-14	.4			33.0						42.7	23.9	7.2	930
	15-17				22.0						44.9	33.0	8.0	930
	18-20	.6			15.4						42.0	41.9	8.4	930
	21-23	6.2			32.4						31.1	30.3	6.8	930
TOTALS		6.9			34.4						35.4	23.2	6.5	7439

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (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	18.4			39.7						24.9	17.0	5.1	929
	03-05	31.1			43.6						16.6	8.6	3.7	928
	06-08	7.2			47.8						30.0	15.0	5.5	927
	09-11	2.8			51.3						31.2	14.7	5.3	930
	12-14	.1			43.2						35.3	21.4	6.6	930
	15-17	.1			24.0						46.3	29.6	7.8	930
	18-20	1.1			18.2						37.6	43.0	8.2	927
	21-23	7.0			32.0						31.3	29.7	6.7	926
TOTALS		9.5			37.5						31.7	22.4	6.2	7423

USAFETAC FORM 53.44 0-9-5-(OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
USAF
WEATHER SERVICE/MAC

SKY COVER

12810 STATION | MACDILL AFB FL STATION NAME | 67-70,73-78 PERIOD | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	24.5			35.4						23.1	17.0	4.8	898
	03-05	33.0			34.4						18.2	14.4	4.1	897
	06-08	10.7			42.8						26.9	19.6	5.7	895
	09-11	4.7			44.2						29.9	21.2	6.1	900
	12-14	.4			39.7						34.2	25.7	6.8	900
	15-17	.9			28.4						39.9	30.8	7.5	900
	18-20	4.6			22.9						37.2	35.4	7.6	899
	21-23	13.3			30.0						30.7	26.0	6.3	896
TOTALS		11.5			34.7						30.0	23.8	6.1	7185

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 STATION | MACDILL AFB FL STATION NAME | 67-70,73-78 PERIOD | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	42.2			24.8						15.9	17.1	3.9	930
	03-05	41.6			25.9						16.3	16.1	3.9	930
	06-08	25.9			31.8						22.3	20.0	5.0	927
	09-11	21.7			34.0						25.9	18.4	5.2	926
	12-14	11.2			41.6						27.4	19.8	5.7	930
	15-17	9.6			39.8						29.1	21.3	5.9	930
	18-20	20.3			33.4						22.4	23.9	5.4	929
	21-23	37.6			27.2						17.5	17.6	4.2	930
TOTALS		26.3			32.3						22.1	19.3	4.9	7432

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	43.7			28.1						15.4	12.8	3.5	894
	03-05	42.8			24.5						16.1	16.6	3.8	894
	06-08	31.1			27.3						18.7	22.9	4.8	890
	09-11	27.5			30.6						21.9	20.0	4.9	895
	12-14	18.1			42.0						20.9	19.0	5.0	900
	15-17	16.3			39.3						24.1	20.2	5.4	900
	18-20	29.2			32.0						20.3	18.4	4.6	900
	21-23	43.0			24.7						17.7	14.7	3.8	894
TOTALS		31.5			31.1						19.4	18.1	4.5	7167

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	41.1			18.3						18.0	22.7	5.4	930
	03-05	39.6			20.2						17.3	22.9	4.5	926
	06-08	27.6			26.0						19.3	27.1	5.2	923
	09-11	23.2			27.5						22.3	27.0	5.5	928
	12-14	17.6			34.0						23.7	24.7	5.6	930
	15-17	18.7			34.0						23.3	24.0	5.5	930
	18-20	28.6			30.4						18.0	23.1	4.8	928
	21-23	37.0			25.9						14.8	22.3	4.3	927
TOTALS		29.2			27.0						19.6	24.2	5.0	7422

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-79 (PERIOD) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	20.9			27.2						21.4	30.6	5.8	7386
FEB		25.9			26.1						20.0	28.0	5.4	6706
MAR		22.1			31.2						20.8	26.1	5.4	7431
APR		29.1			33.9						19.4	17.7	4.5	7187
MAY		18.4			39.1						23.1	19.5	5.2	7438
JUN		11.8			39.(						28.2	20.4	5.8	7199
JUL		6.9			34.4						35.4	23.2	6.5	7439
AUG		8.5			37.5						31.7	22.4	6.2	7427
SEP		11.5			34.7						30.0	23.8	6.1	7185
OCT		26.3			32.3						22.1	19.3	4.9	7432
NOV		31.5			31.1						19.4	18.1	4.5	7167
DEC		29.2			27.0						19.6	24.2	5.0	7422
TOTALS		20.2			32.8						24.3	22.8	5.4	87419

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 monthly 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: Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding ± 1°F from directly converted values but excludes no Fahrenheit values.

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

E

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

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

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

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

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

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

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

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

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

12810 (STATION) MACDILL AFb FL (STATION NAME) 49-79 (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					.8	3.7	3.0	4.4	1.2				1.1
90				1.0	18.3	46.4	57.0	57.3	44.1	7.0	.1		19.4
85		1.2	4.3	27.4	71.8	91.4	92.5	94.2	89.1	50.5	8.1	1.3	44.5
80	11.6	13.2	32.5	69.4	95.7	98.9	98.9	99.5	97.6	80.6	36.8	12.5	62.5
75	33.9	37.1	63.4	89.3	99.2	100.0	100.0	100.0	99.8	93.2	67.0	38.4	76.9
70	56.1	60.4	81.2	97.3	100.0				100.0	98.5	84.9	62.2	86.8
65	73.0	79.6	91.6	99.7						99.9	93.1	79.1	93.0
60	85.2	89.3	97.2	100.0						100.0	97.7	91.1	96.7
55	94.0	95.9	99.5								99.4	96.9	98.8
50	98.1	98.6	99.9								99.9	99.6	99.7
45	99.6	100.0	100.0								100.0	99.9	100.0
40	99.9											100.0	100.0
35	100.0												100.0
MEAN	69.5	70.7	75.3	81.1	89.3	89.0	89.4	89.6	88.6	83.5	76.3	71.0	80.9
S D	8.691	8.111	8.855	4.963	3.639	3.291	3.165	3.068	3.480	4.981	6.849	7.777	9.533
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

12810 STATION — MACDILL AFB FL STATION NAME — 49-79 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 80					.1	3.1	4.5	5.7	.4				1.2
≥ 75				.1	5.3	46.4	65.7	68.9	52.7	7.4	.1		20.7
≥ 70	.1	.2	2.2	14.9	62.6	96.9	99.4	99.7	97.2	47.6	5.6	.9	44.2
≥ 65	6.8	9.9	24.3	52.1	92.2	100.0	100.0	100.0	99.8	77.1	27.4	10.3	58.6
≥ 60	26.1	26.4	50.8	80.9	99.1				100.0	89.6	55.9	31.2	71.9
≥ 55	46.1	48.9	78.3	94.3	100.0					96.8	75.2	50.5	82.3
≥ 50	64.0	70.5	88.4	98.9						99.4	87.7	68.9	89.9
≥ 45	78.4	86.7	95.8	99.8						99.9	94.7	83.5	94.9
≥ 40	90.9	94.5	99.6	100.0						100.0	98.6	94.1	98.1
≥ 35	96.6	98.6	100.0								99.8	98.3	99.4
≥ 33	98.5	99.8									99.9	99.2	99.8
≥ 30	99.0	100.0										99.7	99.9
≥ 25	100.0										100.0	99.9	100.0
≥ 20												100.0	100.0
MEAN	52.4	53.7	58.8	64.1	70.0	74.3	75.4	75.7	74.5	68.0	59.2	53.8	65.0
S.D.	9.058	8.179	7.091	5.248	3.528	2.636	2.355	2.339	2.403	5.810	7.801	8.741	10.600
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12810 (STATION) MACDILL AFB FL (STATION NAME)

49-79 (YEARS)

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90								.1					.0
85					1.0	14.0	21.3	24.8	12.4	.1			6.2
80				2.9	39.2	82.1	91.1	93.1	83.6	25.5	1.0	.2	35.1
75	.8	3.4	11.4	42.0	89.8	99.6	99.8	100.0	98.9	67.5	15.7	3.8	53.0
70	17.5	19.7	41.8	78.1	98.7	100.0	100.0		99.9	89.5	49.0	21.3	68.2
65	41.7	43.2	71.8	94.3	100.0				100.0	96.6	73.6	45.9	80.8
60	69.9	67.7	87.1	99.2						99.7	87.6	66.2	89.0
55	77.1	84.3	94.9	99.7						100.0	94.1	83.4	94.5
50	89.4	94.0	98.8	100.0							98.4	93.9	97.9
45	96.8	98.1	100.0								99.7	98.4	99.4
40	98.8	99.9									100.0	99.8	99.9
35	99.9	100.0										99.9	100.0
30	100.0											100.0	100.0
MEAN	61.2	62.4	67.3	72.8	78.3	81.9	82.7	82.9	81.7	75.9	68.0	62.6	73.1
S.D.	8.470	7.708	6.532	4.678	3.115	2.512	2.318	2.296	2.580	5.009	7.025	7.882	9.846
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12610 (STATION) MACDILL AFB FL (STATION NAME) 49-79 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB.	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49									94	90	84	81	
50	85	86	87	88	91	96	94	95	92	90	88	78	96
51	81	80	86	89	93	98	98	95	95	92	86	85	98
52	82	79	86	88	95	98	95	95	96	89	81	79	98
53	79	81	84	88	94	96	95	94	91	86	84	82	96
54	81	84	85	89	92	94	96	96	94	92	80	79	96
55	82	82	85	88	95	94	95	95	95	91	83	81	95
56	78	81	82	89	93	93	98	95	93	89	85	86	98
57	83	85	82	89	96	95	94	96	94	88	87	79	96
58	73	74	79	93	94	95	95	94	97	93	89	81	97
59	83	85	85	89	92	94	93	93	92	92	88	82	94
60	81	80	85	88	92	93	95	95	92	90	85	80	95
61	77	84	86	85	92	92	92	94	93	89	90	83	94
62	82	85	85	89	91	92	93	94	94	91	81	79	94
63	79	76	84	86	91	95	95	91	94	90	81	79	95
64	78	78	84	88	90	95	95	94	92	88	85	83	95
65	80	81	83	89	92	95	92	93	92	89	81	77	95
66	79	82	81	87	88	90	93	92	92	89	83	81	93
67	81	80	84	90	91	93	91	91	91	86	82	82	93
68	80	77	81	88	92	90	93	94	93	90	84	80	94
69	80	77	81	86	89	97	94	93	90	87	80	76	97
70	79	78	82	89	90	90	93	94	93	88	82	81	94
71	82	84	81	90	91	95	95	97	97	92	89	83	97
72	83	81	84	89	91	95	96	97	94	92	88	87	97
73	83	79	86	86	90	96	93	92	92	92	87	82	96
74	83	86	89	87	92	94	91	93	94	91	87	81	94
75	84	84	86	92	95	94	94	93	93	90	87	80	95
76	81	85	87	89	92	92	93	92	91	88	80	83	93
77	73	79	86	88	95	95	95	92	92	90	84	82	95
78	78	72	83	87	93	93	93	93	94	90	86	89	94
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-98-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12810 (STATION) MACDILL AFB FL (STATION NAME) 49-79 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	79	85	83	88	95	97	96	93					
MEAN	80.2	81.0	84.1	88.4	92.2	94.2	94.2	93.8	93.2	89.8	84.6	81.4	95.3
S.D	2.712	3.658	2.25[illegible]	1.650	1.984	2.140	1.724	1.577	1.710	1.827	3.025	2.822	1.514
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 49-79 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC.	ALL MONTHS
49									71	68	43	46	
50	57	44	44	42	63	70	69	71	71	66	35	35	35
51	34	32	47	53	63	69	72	73	73	60	37	40	32
52	39	47	49	51	61	70	72	73	71	48	49	38	38
53	43	46	55	53	67	71	71	72	72	52	50	37	37
54	41	51	37	59	61	71	72	73	70	55	41	36	36
55	37	33	40	59	61	69	71	73	73	55	40	32	33
56	38	43	43	55	68	70	70	70	65	56	39	44	38
57	38	52	50	58	62	71	72	68	73	43	49	29	29
58	32	33	48	57	62	73	73	71	74	57	53	40	32
59	34	48	48	50	67	69	71	73	71	63	34	43	34
60	34	41	37	52	58	68	73	72	71	61	52	33	33
61	35	47	46	53	61	69	71	73	71	55	49	33	33
62	34	45	43	48	62	71	74	72	66	56	40	20	20
63	37	39	45	56	58	70	72	71	65	49	39	31	31
64	27	39	42	51	61	69	71	72	67	49	48	39	27
65	33	41	45	53	60	70	69	70	70	53	43	38	33
66	25	33	42	52	67	68	73	72	68	50	38	34	25
67	36	30	48	56	62	68	72	71	64	54	46	34	30
68	35	40	38	59	60	68	71	72	69	51	40	30	30
69	40	40	40	58	57	70	71	70	70	67	35	39	35
70	26	34	46	57	55	66	69	73	68	58	29	37	26
71	29	35	40	44	55	68	67	71	70	63	48	53	29
72	38	38	49	52	64	65	72	73	67	62	46	36	36
73	35	34	50	49	60	71	71	68	72	51	43	33	33
74	59	35	50	53	62	67	70	72	72	56	49	39	35
75	37	44	44	53	68	73	72	71	68	61	38	32	32
76	33	37	46	54	61	69	70	70	65	52	38	35	33
77	28	36	42	53	58	72	71	71	69	49	47	35	28
78	33	35	39	56	64	71	69	70	70	57	53	45	33
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 49-79 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	30	37	51	61	62	73	70	69					
MEAN	35.9	39.9	44.8	51.5	61.7	69.6	71.0*	71.3	69.5	55.9	47.3	36.7*	31.0
S.D.	7.420	5.925	4.552	4.273	3.437	1.938	1.497	1.470	2.713	6.116	6.261	6.045	4.070
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-86-5 (OLA)

* (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12813 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JAN — 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
72/ 71			.9															8	8		
70/ 69		.1	3.7	.1														36	36		
68/ 67		3.0	2.8	.3														57	57	27	4
66/ 65		4.9	1.5	.2														62	62	64	46
64/ 63	.2	5.7	1.7	.9	.4													83	83	81	77
62/ 61	1.0	5.5	2.0	.8	.2													88	88	66	77
60/ 59	.4	3.9	3.2	.9	.1													79	79	71	59
58/ 57	.1	3.5	2.5	.5	.3													65	65	75	51
56/ 55	.8	2.9	2.7	1.1	.1													70	70	76	76
54/ 53	.4	2.2	3.0	.6	.1													59	59	62	62
52/ 51		1.7	1.7	.1														33	33	53	52
50/ 49		2.8	.8	1.5	1.0	.1												57	57	52	55
48/ 47		2.6	.9	1.4	.4	.1												50	50	44	41
46/ 45		1.1	2.2	1.4	.4	.1												48	48	32	50
44/ 43	.3	.9	1.8	.9	.4													40	40	35	37
42/ 41		.4	1.6	.8	.3	.1												30	30	56	28
40/ 39	.1	.6	1.2	.5	.1													24	24	37	19
38/ 37	.1	.4	1.2	.2														18	18	33	32
36/ 35	.1	.3	.5	.4														13	13	30	36
34/ 33	.2		.4															6	6	16	29
32/ 31		.1																1	1	10	32
30/ 29		.3																3	3	7	18
28/ 27																				3	12
26/ 25																					18
24/ 23																					9
22/ 21																					5
20/ 19																					4
16/ 15																					1
TOTAL	3.8	43.0	36.2	12.6	4.0	.4												930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6269825	75533	81.2	12.062	930							
Dry Bulb	2942721	51611	55.5	9.194	930		.4	10.1				93
Wet Bulb	2660526	48908	52.6	9.760	930		2.0	2.7				93
Dew Point	2421763	46211	49.7	11.626	930		9.9	.4				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12510 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

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
72/ 71			.1															1	1		
70/ 69		.9	1.9															26	26		
68/ 67	.1	3.1	2.7			.1												56	56	25	10
66/ 65		4.8	1.1	.1														56	56	51	33
64/ 63	.5	6.8	1.2	.5	.4													88	88	76	75
62/ 61	.8	5.3	1.0	.3	.1													69	69	80	72
61/ 59	.9	4.3	1.6	.4	.2													69	69	63	71
58/ 57		5.5	1.8	.6	.2													76	76	59	52
56/ 55	.9	3.7	2.2	.5	.3													70	70	76	53
54/ 53	.2	2.7	2.5	.2	.1													53	53	61	65
52/ 51	.3	2.2	2.5	.3														49	49	51	48
50/ 49	.3	2.8	1.8	.6	.4													56	56	55	67
48/ 47	.3	2.3	1.4	1.0	.6													52	52	54	35
46/ 45		1.8	2.0	.3														39	39	40	46
44/ 43		1.4	.8	1.4	.2													35	35	29	40
42/ 41		.5	1.7	1.3	.3													36	36	51	34
40/ 39		.8	1.0	1.1	.5	.1												32	32	22	27
38/ 37		.8	1.5	.3	.2													26	26	34	28
36/ 35	.2	.3	.8	.5														17	17	38	28
34/ 33	.1	.3	.9	.2														14	14	24	16
32/ 31		.1	.3	.2														6	6	19	38
30/ 29		.2	.2															4	4	14	17
28/ 27																				6	17
26/ 25																				2	19
24/ 23																					12
22/ 21																					10
20/ 19																					6
18/ 17																					6
16/ 15																					2
14/ 13																					3
TOTAL	4.6	50.4	30.9	10.1	3.8	.2												930			930
																			930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6422709	76395	82.1	12.589	930							
Dry Bulb	2831044	50526	54.3	9.622	930		1.0	8.3				93
Wet Bulb	2579147	48031	51.6	10.298	930		4.1	2.5				93
Dew Point	2361281	45427	48.8	12.378	930		13.0	1.0				93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC
3966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) | MACDILL AFB FL (STATION NAME) | 68-70,73-79 (YEARS) | JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71			.4															4	4		
70/ 69		1.3	1.4		.1													26	26	4	3
68/ 67		2.6	2.0															43	43	21	8
66/ 65		4.6	.9															51	51	42	36
64/ 63	.9	7.6	.6	.1	.3													89	89	77	62
62/ 61	.4	3.3	2.3	.5														61	61	80	78
60/ 59	.4	6.7	1.4	.3														82	82	38	59
58/ 57	.3	4.7	1.0	.3	.3													62	62	90	44
56/ 55	.4	4.2	2.5	.4														70	70	68	76
54/ 53	.4	2.7	1.6	.4	.2													50	50	54	59
52/ 51	.3	2.3	1.3	.4	.1													41	41	51	52
50/ 49	.1	3.8	2.3	1.0	<.1													67	67	49	50
48/ 47	.1	2.5	1.1	.8	.5													46	46	49	43
46/ 45	.2	2.9	2.3	.8	.2													59	59	46	32
44/ 43	.1	1.3	1.1	.8														30	30	52	41
42/ 41		.3	1.1	1.2	.2													26	26	39	36
40/ 39		.6	1.6	.4	.3													28	28	24	44
38/ 37	.1	.3	.8	1.2	.6													28	28	28	23
36/ 35	.3	1.1	1.1	.6	.1													30	30	25	28
34/ 33	.1	.2	1.1	.8														20	20	29	19
32/ 31		.4	.3	.2														9	9	26	29
30/ 29		.2	.2															4	4	18	20
28/ 27			.3															3	3	13	13
26/ 25			.1															1	1	3	19
24/ 23																				4	14
22/ 21																					16
20/ 19																					4
18/ 17																					7
16/ 15																					8
14/ 13																					5
12/ 11																					1
10/ 9																					1
TOTAL	4.3	53.7	28.6	10.2	3.2													930	930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6468810	76664	82.4	12.667	930							
Dry Bulb	2762994	49828	53.6	10.021	930		1.7	7.3				93
Wet Bulb	2526766	47438	51.0	10.733	930		6.4	2.5				93
Dew Point	2318261	44847	48.2	12.943	930		13.7	1.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12816 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JAN — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81					.1													1	1		
80/ 79				.1		.4												5	5		
78/ 77			.1	.1	.9	.1												11	11		
76/ 75			.4	1.3	.6													22	22		
74/ 73			.2	1.7	.1	.5	.4											28	28	3	
72/ 71		.2	3.2	.8	.9	.4												51	51	12	2
70/ 69	.2	1.2	3.9	.5	.6	.5	.1											66	66	41	10
68/ 67		2.0	2.8	1.0	.6	.2	.3	.1										66	66	66	33
66/ 65	.6	3.2	1.4	1.6	.5	.1												70	70	68	86
64/ 63	.4	2.4	1.0	1.5	1.3	.5												66	66	79	82
62/ 61	.1	2.9	3.0	1.2	.6	.2	.2	.1										78	79	53	43
60/ 59		2.4	2.0	1.1	.9	.4	.1											64	65	73	38
58/ 57	.1	.9	1.4	1.2	.6	.3	.2											44	44	64	72
56/ 55	.2	1.4	2.0	1.2	.4		.1	.1										51	51	53	61
54/ 53		1.5	1.4	1.2	.6	.2	.4											50	50	48	35
52/ 51	.1	1.4	.9	1.6	.6	.6	.1											50	50	55	59
50/ 49		.8	1.4	2.0	.9	.4												51	51	46	50
48/ 47		.9	.8	1.2	1.3	.1												39	39	35	39
46/ 45		.3	1.0	.9	.8	.5	.2											34	34	41	27
44/ 43			.5	.6	.6	.3												20	20	40	34
42/ 41			.4	.9	.9	.2	.1											23	23	39	36
40/ 39			.4	.3	.2	.2												11	11	27	22
38/ 37				.4	.4	.1												9	9	18	30
36/ 35		.1	.1	.2														4	4	22	26
34/ 33			.2	.3	.1													6	6	14	14
32/ 31		.1	.2	.3														6	6	10	26
30/ 29				.1														1	1	11	20
28/ 27																				6	12
26/ 25																				3	14
24/ 23																					10
22/ 21																					12
20/ 19																					7
18/ 17																					10
16/ 15																					6

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

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

3867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) | MACDILL AFB FL (STATION NAME) | 68-70,73-79 (YEARS) | JAN (MONTH)

 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
14/ 13																					5
12/ 11																					2
10/ 9																					2
8/ 7																					2
TOTAL	1.8	21.7	28.9	23.4	14.8	6.7	2.4	.3										927	929	927	927

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5134815	67437	72.7	15.724	927							
Dry Bulb	3346605	54949	59.1	10.195	929		.7	25.0	6.7	.3		93
Wet Bulb	2858711	50503	54.5	10.765	927		3.0	12.2	.3			93
Dew Point	2485612	46272	49.9	13.783	927		12.8	4.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JAN — MONTH

1200-1400 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83							.2	.3										5	5		
82/ 81					.4	1.0	1.4	.2										28	28		
80/ 79				.2	.8	3.8	.9	.3	.2									57	57		
78/ 77				.6	2.8	1.5	.6	.9	.4									64	64		
76/ 75			.1	1.7	2.5	1.6	1.6	1.1										80	80		
74/ 73		.1	.3	1.9	.1	1.8	1.7	1.1	.1									67	67	10	
72/ 71			1.1	1.0	1.1	1.1	1.9	.9										65	65	42	2
70/ 69		.3	.6	.8	1.5	.8	1.6	.8										59	59	[illegible]	14
68/ 67	.1	.5	2.2	.2	1.3	1.2	1.0	.2										62	62	78	40
66/ 65	.3	.6	.4	.6	.8	1.3	1.5	.3										55	55	50	86
64/ 63	.2	1.3	.4	1.0	1.3	.6	.9	.3	.2									58	58	84	82
62/ 61		.5	.8	.8	.9	.5	.4	.1	.3	.3								43	43	72	47
60/ 59		.9	.5	.9	.5	.8	.2	.6										41	41	63	47
58/ 57		.1	.9	.2	.8	.4	.5	.9										35	35	73	47
56/ 55		.4	.9	.6	.6	.5	1.0	.1	.1									40	40	36	46
54/ 53		.4	.3	.9	1.2	1.0	.5	.1										41	41	51	55
52/ 51		.3	1.1	1.1	1.0	1.2	.6	.8										56	56	37	64
50/ 49		.3	.3	.8	.6	.8	.3	.1										30	30	32	57
48/ 47			.1	.1		.1	.4											7	7	35	46
46/ 45			.2	.3		.6												11	11	46	41
44/ 43			.1	.2	.1	.3	.1											8	8	39	20
42/ 41		.2	.1	.1	.1	.1												6	6	29	26
40/ 39			.1	.2	.3													6	6	20	31
38/ 37				.1	.1													2	2	12	30
36/ 35			.1															1	1	13	13
34/ 33			.1															1	1	7	12
32/ 31																				5	28
30/ 29																				1	19
28/ 27																					13
26/ 25																					14
24/ 23																					7
22/ 21																					6
20/ 19																					10
18/ 17																					12

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

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

3863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JAN — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					10
12/ 11																					1
10/ 9																					2
TOTAL	.6	6.1	10.8	14.3	18.8	21.0	17.6	9.1	1.4	.3									928		928
																		928		928	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3550438	55436	59.7	16.052	928							
Dry Bulb	4116897	61059	65.8	10.357	928			49.8	30.2	6.1		93
Wet Bulb	3174575	53465	57.6	10.065	928		.6	22.3	1.0			93
Dew Point	2541340	46928	50.6	13.472	928		12.2	5.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JAN — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.1	.4	.2									7	7		
82/ 81					.2	.4	.9	.2										16	16		
80/ 79				.3	.3	2.6	1.3	.2	.2									46	46		
78/ 77				.5	2.6	2.3	1.2	.8	.6	.1								75	75		
76/ 75			.3	1.1	2.9	.9	1.0	1.4	.4									74	74		
74/ 73			.1	2.0	.9	.6	1.2	1.2	.2									58	58	6	
72/ 71			1.4	1.5	1.2	1.6	2.3	1.0										83	83	27	
70/ 69		.5	1.8	1.0	1.4	1.3	1.5	.9	.5									83	83	78	12
68/ 67		.2	1.0	.5	1.3	1.0	1.2	.4										52	52	104	21
66/ 65		.9	.5	1.0	1.3	.6	.3	.4		.3								50	50	51	79
64/ 63		.8	.8	.6	1.2	1.2	.5	.1	.2	.8								57	57	68	80
62/ 61	.3	.8	.8	.8	1.1	.6	.9		.2									50	50	86	70
60/ 59		.5	.9	.5	.9	.5	.3	.5										39	39	74	42
58/ 57		.1	1.0	.3	1.0	.6	1.0	.8	.3									47	47	62	42
56/ 55		.4	1.3	1.3	.4	.8	.9	.2	.3									52	52	50	63
54/ 53		.2	.5	1.4	.3	.8	.5	.2										38	38	45	53
52/ 51		.2	.5	1.0	.9	.5	.9	.3	.3									43	43	46	73
50/ 49	.1		.3	.5	.6	.6		.1										22	22	41	55
48/ 47		.1	.2	.1	.3	.2	.2											11	11	42	43
46/ 45			.1	.4	.2	.3												10	10	45	37
44/ 43		.3		.2	.4													9	9	27	29
42/ 41					.1													1	1	29	26
40/ 39				.4														4	4	20	39
38/ 37				.2														2	2	10	17
36/ 35				.1														1	1	12	15
34/ 33																				4	18
32/ 31																				1	24
30/ 29																					18
28/ 27																					21
26/ 25																					17
24/ 23																					9
22/ 21																					5
20/ 19																					6
18/ 17																					10

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

USAFETAC FORM 0-26-5 (OL A) 3/69 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JAN — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					2
14/ 13																					1
8/ 7																					3
TOTAL	.4	5.1	11.6	15.9	19.5	17.5	16.0	9.1	3.7	1.2									930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3521687	55203	59.4	16.238	930							
Dry Bulb	4132674	61322	65.9	9.801	930			49.4	27.6	4.4		93
Wet Bulb	3172791	53595	57.6	9.518	930		.1	21.5	.6			93
Dew Point	2520365	46903	50.4	12.913	930		11.6	3.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12813 | MACDILL AFB FL | 66-70,73-79 | JAN
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
78/ 77					.1	.2												3	3		
76/ 75				1.1	.3	.2												15	15		
74/ 73			.4	2.9	.3	.2	.1	.1										37	37		
72/ 71		.1	1.9	2.4	.5	.3	.4											53	53	1	
70/ 69		.6	5.2	.9	1.1	.4	.1											77	77	23	3
68/ 67		1.8	2.6	1.6	1.8	1.1		.1										84	84	72	17
66/ 65	.2	2.0	2.0	1.3	1.6	.4												76	76	84	62
64/ 63		2.7	1.4	2.4	1.7	.8												83	83	61	57
62/ 61	.2	2.3	1.6	1.8	1.6	.1	.1	.1										73	73	70	62
60/ 59	.2	1.3	1.9	1.0	.2	.2	.1	.1										47	47	91	52
58/ 57	.1	1.2	1.6	1.9	1.0	.3	.3	.1										61	61	68	59
56/ 55	.2	.9	1.0	.9	.9	.3	.3	.3										44	44	63	55
54/ 53	.2	1.5	1.9	1.0	.8	.6	.3											59	59	57	65
52/ 51		.9	1.9	1.2	.5	.4	.2											48	48	40	63
50/ 49		.2	1.8	2.2	.9	.2												49	49	51	53
48/ 47		.4	1.1	1.6	.8	.3		.1										40	40	42	47
46/ 45		.1	.4	.6	1.2	.3												25	25	45	44
44/ 43		.6	.5	.9		.1												20	20	44	25
42/ 41		.1	.6	.8	.2													16	16	39	31
40/ 39				.9	.1													9	9	27	34
38/ 37	.1	.1	.3	.2														7	7	25	30
36/ 35			.1															1	1	11	29
34/ 33			.1															1	1	11	12
32/ 31		.1	.1															2	2	2	25
30/ 29																				3	23
28/ 27																					15
26/ 25																					20
24/ 23																					8
22/ 21																					3
20/ 19																					5
12/ 11																					1
TOTAL	1.3	17.0	28.7	27.7	15.6	6.7	2.0	1.0											930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4983060	66794	71.8	14.143	930							
Dry Bulb	3424367	55781	60.0	9.201	930		.2	26.9	5.5			93
Wet Bulb	2897246	51154	55.0	9.484	930		.5	9.6				93
Dew Point	2497287	46919	50.5	11.838	930		10.0	2.0				93

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

3970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
58-70,73-79 — YEARS
JAN — MONTH
PAGE 1
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77						.1												1	1		
74/ 73			.2	.2	.1													5	5		
72/ 71		.3	2.0	.9														30	30	1	
70/ 69	.1	.4	3.8	.5														45	45	5	4
68/ 67	.2	1.6	3.0	.8	.1													53	53	48	5
66/ 65		3.2	1.9	1.3	.2													62	62	59	52
64/ 63	.5	4.7	2.4	2.9	.6													104	104	69	74
62/ 61	.5	4.1	2.6	2.7	.4													96	96	75	69
60/ 59	.1	2.6	1.5	1.4	.2													54	54	74	62
58/ 57	.1	3.3	2.3	2.2	.6													77	78	75	50
56/ 55	.5	2.2	1.4	1.7	.2	.4												60	60	77	65
54/ 53	.1	1.9	1.8	.5	.4													45	45	56	71
52/ 51		1.3	1.8	1.2	.5	.3	.1											49	49	52	52
50/ 49		1.6	2.3	1.3	.3	.5												56	56	47	53
48/ 47	.1	.9	2.7	1.3	.2	.2												50	50	44	46
46/ 45		1.2	1.1	1.5	1.4													46	46	46	47
44/ 43		.4	1.5	1.0	.5													32	32	54	30
42/ 41		.4	1.7	.3	.3													26	26	33	33
40/ 39	.2	.1	.9	.3	.3													13	13	36	41
38/ 37	.1	.2	1.0	.1														13	13	43	31
36/ 35			.4	.1														5	5	12	35
34/ 33		.1	.1															2	2	13	19
32/ 31																				6	24
30/ 29		.2																2	2	1	18
28/ 27		.1																1	1	3	23
26/ 25																					14
24/ 23																					5
22/ 21																					2
20/ 19																					2
18/ 17																					2
TOTAL	2.7	30.8	36.0	22.2	6.7	1.6	.1											929	930		929
																				929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	577672	72322	77.8	12.565	929							
Dry Bulb	3096484	53005	57.0	9.007	930		.3	13.4	.6			93
Wet Bulb	2730590	49590	53.4	9.482	929		1.0	5.4				93
Dew Point	2437297	46389	49.9	11.414	929		9.0	.9				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

12811 — STATION
MACDILL AFB FL — STATION NAME
66-70,73-79 — YEARS
JAN — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83							.0	.1	.0									12	12		
82/ 81					.1	.2	.3	.1										45	45		
80/ 79				.1	.1	.2	.3	.1	.1									108	108		
78/ 77			.3	.2	.6	.5	.2	.2	.1	.0								158	154		
76/ 75			.1	.6	.5	.3	.3	.3	.1									191	191		
74/ 73		.0	.2	1.1	.2	.4	.4	.3	.3									195	195	19	
72/ 71		.1	1.4	.8	.5	.4	.6	.2										295	295	55	4
70/ 69	.0	.7	2.8	.5	.6	.4	.4	.2	.1									418	418	244	46
68/ 67	.1	1.9	2.4	.6	.6	.4	.3	.1										473	473	441	138
66/ 65	.1	3.1	1.2	.8	.6	.3	.2	.1		.0								482	482	469	480
64/ 63	.3	4.0	1.2	1.2	.9	.4	.2	.1	.1	.1								625	623	595	619
62/ 61	.4	3.1	1.7	1.1	.6	.2	.2	.0	.1	.0								558	559	584	518
60/ 59	.3	2.8	1.6	.8	.4	.2	.1	.2										475	476	547	430
58/ 57	.1	2.4	1.5	.9	.6	.2	.3	.2	.0									467	466	566	417
56/ 55	.4	2.0	1.7	1.0	.4	.3	.3	.1	.1									457	457	499	495
54/ 53	.2	1.6	1.7	.8	.5	.3	.2	.0										395	395	434	465
52/ 51	.1	1.3	1.5	.9	.5	.4	.2	.1	.0									369	369	385	463
50/ 49	.1	1.5	1.4	1.2	.6	.3	.0	.2										388	388	373	440
48/ 47	.1	1.2	1.0	.9	.5	.1	.1	.3										295	295	345	340
46/ 45	.0	.9	1.2	.8	.5	.2	.0											274	274	341	324
44/ 43	.1	.6	.8	.7	.3	.1	.0											194	194	320	256
42/ 41		.3	.9	.7	.3	.1	.0											164	164	315	250
40/ 39	.0	.3	.6	.5	.2	.0												127	127	213	257
38/ 37	.1	.2	.6	.3	.2	.0												105	105	203	221
36/ 35	.1	.2	.4	.3	.0													72	72	163	218
34/ 33	.1	.1	.4	.2	.0													50	50	115	139
32/ 31		.1	.1	.1														24	24	79	226
30/ 29		.1	.1	.0														14	14	55	153
28/ 27		.0	.0															4	4	31	126
26/ 25			.1															1	1	8	135
24/ 23																				4	74
22/ 21																				1	59
20/ 19																					44
18/ 17																					47

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

3871
USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JAN (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
16/ 15																					29
14/ 13																					14
12/ 11																					5
10/ 9																					5
8/ 7																					5
TOTAL	2.4	28.5	26.5	17.1	10.8	6.8	4.9	2.4	.6	.2									7437		7434
																		7434		7434	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42128068	545784	73.4	16.640	7434							
Dry Bulb	26653786	438082	58.9	10.680	7437		4.3	189.2	70.5	10.8		744
Wet Bulb	22600302	402684	54.2	10.295	7434		17.7	78.8	1.9			744
Dew Point	19583226	369896	49.8	12.590	7434		92.3	18.8				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 STATION | MACDILL AFB FL STATION NAME | 68-70,73-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.1														1	1		
74/ 73		.2		.2														4	4		
72/ 71	.4	1.2	1.6															26	26	6	6
70/ 69	.6	1.9	1.1	.2														32	32	29	14
68/ 67	.4	1.2	1.7	.2														29	29	27	25
66/ 65	.6	1.7	1.1	.5	.6													37	40	26	30
64/ 63	.1	2.3	1.3	1.3	.7													48	51	24	16
62/ 61	.5	3.4	1.3	.6	.1	.1												50	50	40	31
60/ 59	.5	2.7	2.4	.5														50	52	51	33
58/ 57	.5	2.9	2.9	2.3	.1													72	74	57	55
56/ 55	.4	4.8	2.4	1.2														73	74	62	42
54/ 53	.2	4.1	3.9	1.4	.8	.1	.2											90	91	77	63
52/ 51		3.6	3.5	1.6	1.0													80	81	71	72
50/ 49		2.7	4.2	1.8	.5	.5												80	82	62	61
48/ 47		2.1	1.6	.8	.5	.1												42	42	74	55
46/ 45		.7	1.8	1.6	.2	.1												37	37	61	50
44/ 43		.7	1.4	.7	.4	.1												28	28	36	61
42/ 41		.4	2.1	.4	.5													27	27	40	33
40/ 39		.4	.6	.5														12	12	38	35
38/ 37			.6	.2														7	7	20	32
36/ 35		.1	.2															3	3	15	31
34/ 33																				8	24
32/ 31																				4	19
30/ 29																					10
28/ 27																					13
26/ 25																					7
24/ 23																					8
22/ 21																					1
20/ 19																					1
TOTAL	4.1	37.1	35.7	16.3	5.4	1.1	.2												843		828
																		828		823	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5361748	65850	79.5	12.283	828							
Dry Bulb	2652435	46785	55.5	8.152	843			9.2	.5			84
Wet Bulb	2321903	43233	52.2	8.834	828		.4	6.3				84
Dew Point	2085115	40595	49.0	10.708	828		6.0	4.6				84

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

3872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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
74/ 73		.2	.1															3	3		
72/ 71	.4	.7	.5															13	13	6	3
70/ 69	.5	2.3	1.2															33	33	18	15
68/ 67	.6	2.3	1.4															36	38	30	25
66/ 65	.8	1.3	.2	.2	.5													26	27	33	34
64/ 63	.1	2.9	1.4	.7	.1													44	47	19	16
62/ 61	.5	3.2	2.6	.7														59	59	32	25
60/ 59	.2	2.4	3.2	.5														53	53	46	34
58/ 57	.7	4.1	2.0	.6	.1	.1												64	67	66	38
56/ 55	.2	4.0	2.2	1.1	.1													63	65	71	66
54/ 53	.6	3.4	2.9	.8	.5													68	69	50	69
52/ 51		4.1	3.9	1.2	.4													79	79	56	51
50/ 49		3.7	2.9	1.9	.8													78	79	72	47
48/ 47	.1	3.5	2.2	.5	.4	.5												59	60	77	56
46/ 45		1.7	2.2	.4	.5	.1												40	41	68	57
44/ 43		1.4	2.3	.5	.4	.1												39	39	38	59
42/ 41		1.1	1.6	.5	.4	.1												30	30	44	43
40/ 39		.4	1.2	.6	.6													23	23	31	37
38/ 37		.2	.4	.7														11	11	30	38
36/ 35		.4	.5	.4														10	10	13	24
34/ 33																				16	25
32/ 31																				13	13
30/ 29																				2	9
28/ 27																					5
26/ 25																					21
24/ 23																					4
22/ 21																					5
20/ 19																					9
18/ 17																					3
TOTAL	4.8	43.3	34.9	11.3	4.7	1.0													846		831
																		831		831	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5570520	67224	80.9	12.631	831							
Dry Bulb	2559209	45977	54.3	8.463	846			8.6	.3			84
Wet Bulb	2263912	42694	51.4	9.212	831		1.5	5.5				84
Dew Point	2049149	40189	48.4	11.275	831		7.0	4.3				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12815 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.2															2	2		
72/ 71	.2	1.2	.1															13	13	6	2
70/ 69	.2	1.8	.4	.1														21	23	13	13
68/ 67	.5	2.4	1.1	.2														35	36	29	24
66/ 65	.2	3.5	.2	.5														37	38	23	26
64/ 63	.4	3.0	1.1	.7														43	45	37	28
62/ 61	.5	3.1	1.2	.2														42	42	32	26
60/ 59	.4	4.2	2.1	1.1														64	65	49	41
58/ 57	.4	3.9	2.2	.6														58	59	51	40
56/ 55	.5	4.6	3.0	.8		.4												77	80	67	54
54/ 53	.4	4.0	1.8	.8	.1													59	62	68	67
52/ 51		2.3	3.0	1.3	.2													57	58	54	49
50/ 49	.1	3.9	2.7	2.7	.2													79	79	50	62
48/ 47		3.3	2.7	1.7	.2	.1												66	66	68	42
46/ 45	.4	2.8	1.8	.6	.6	.5	.2											57	59	59	51
44/ 43		1.4	1.9	.1	.4													32	32	63	34
42/ 41		.7	2.4	.8	.1													34	34	45	50
40/ 39		.6	1.1	.8	.5													25	25	23	48
38/ 37		.4	.5	.7	.6													18	18	37	42
36/ 35			.4	.5														7	7	21	32
34/ 33			.4															3	3	13	24
32/ 31																				11	12
30/ 29																				10	6
28/ 27																					11
26/ 25																					11
24/ 23																					8
22/ 21																					11
20/ 19																					5
18/ 17																					5
16/ 15																					3
14/ 13																					1
12/ 11																					1
TOTAL	4.1	47.0	30.2	14.5	3.0	1.0	.2											829	846	829	829

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5617267	67341	81.2	13.327	829							
Dry Bulb	2518745	45585	53.9	8.600	846			7.3	.2			84
Wet Bulb	2228120	42254	51.0	9.482	829		2.1	4.9				84
Dew Point	2020926	39764	48.0	11.713	829		7.5	4.0				84

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

3973

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
FEB — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81						.1												1	1		
80/ 79				.2	.2													4	4		
78/ 77		.1	.1	.5	.5	.2												12	13		
76/ 75		.1	1.6	.4	.2	.4	.1			.1								24	24	1	
74/ 73		.7	1.2	1.3	.5	.5												35	36	1	2
72/ 71		1.2	.8	1.0	.8	.1	.2	.1										36	37	30	7
70/ 69	.1	.8	1.4	.8	.8	.1	.2											37	39	31	40
68/ 67	.2	.5	.6	1.3	.6	1.0	.1											36	36	32	18
66/ 65	.1	2.2	1.9	1.7	1.9	.7	.6											75	77	33	32
64/ 63		1.6	1.6	1.6	1.0	1.0	.4	.1										59	61	39	21
62/ 61	.4	2.4	1.2	1.9	1.9	.8	.4	.5										79	82	51	39
60/ 59	.2	1.8	2.3	2.2	1.1	1.8	.5	.1										83	83	68	45
58/ 57	.1	2.0	3.4	1.6	1.3	.7	.4	.1	.4									83	83	63	57
56/ 55	.2	1.2	1.3	1.1	1.1	1.0	.5		.3									54	56	65	47
54/ 53		.7	.5	2.4	1.3	1.3	.5	.2										58	60	88	52
52/ 51	.1		1.0	2.0	1.2	.2	.1											39	39	49	53
50/ 49		.6	1.8	1.3	1.0	.1	.2	.2										44	44	42	54
48/ 47		1.0	.5	.7	.4	.5	.2											27	27	54	41
46/ 45		.2	.2	.2	.7	.2	.2											16	16	64	46
44/ 43		.1	.5	.4	.5	.2												14	14	38	41
42/ 41				.4	.1	.4												7	7	19	43
40/ 39					.5													4	4	17	37
38/ 37				.2	.1													3	3	15	24
36/ 35																				11	27
34/ 33																				6	25
32/ 31																				6	15
30/ 29																				1	12
28/ 27																					15
26/ 25																					5
24/ 23																					3
22/ 21																					5
20/ 19																					6
18/ 17																					7
16/ 15																					10

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 | MACDILL AFB FL | 68-70,73-79 | FEB
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					2
TOTAL	1.6	17.3	21.8	23.3	17.8	11.4	4.7	1.4	.5	.1									846		830
																		830		830	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4180333	57209	68.9	16.912	830							
Dry Bulb	3136985	51013	60.3	8.495	846			18.9	7.1	.1		84
Wet Bulb	2551753	45371	54.7	9.293	830		.7	10.2	.8			84
Dew Point	2147878	40910	49.3	12.593	830		8.0	6.8	.2			84

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

3874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 69-70,73-79 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85							.2	.1										3	3		
84/ 83						.2	.5	.1	.1									8	8		
82/ 81					.4	1.4	.2	.6	.1	.1	.1		.1					26	26		
80/ 79			.1	.7	.1	1.4	.8	.4	.1	.1	.1	.1						34	35		
78/ 77			.6	1.2	.7	1.1	1.8	.1	.2									48	51		
76/ 75			.6	.6	1.2	1.2	.5	.7	.4		.1							44	47	2	
74/ 73		.1	.7	1.0	.7	1.0	.7	1.3	.4	.2								51	52	27	2
72/ 71		.2	.5	.5	.7	1.1	1.4	1.0	.1									46	47	36	10
70/ 69		.4	1.0	1.0	1.2	2.8	1.8	.8	.5	.4								81	83	34	30
68/ 67		.4	.8	1.1	1.1	1.2	1.7	.7	1.0	.2	.4							71	71	43	28
66/ 65		1.1	.4	.8	1.2	1.9	1.1	1.1	1.1	.6	.1							78	80	54	33
64/ 63		1.0	.5	.8	1.1	1.9	1.4	.6	.6	.4								69	69	43	33
62/ 61	.2	.4	.2	.1	1.2	2.0	.8	.8	1.0	.4								60	61	67	45
60/ 59		.4	.7	.6	.7	1.1	.7	.2	.4									40	41	69	40
58/ 57		.5	.7	.7	1.8	1.3	1.3	.1										54	54	66	43
56/ 55			.5	1.1	1.3	1.3	.7	.1	.1									43	43	45	32
54/ 53		.2		.8	.6	.4	.4	.4	.1									24	24	68	41
52/ 51		.4	.6	.2	.1	.1	.4	.2										17	17	55	53
50/ 49		.2			.5	.4	.6	.1										15	15	75	47
48/ 47		.2	.5		.2	.1	.1											10	10	53	52
46/ 45			.1		.4	.1	.4											8	8	36	50
44/ 43						.1												1	1	19	41
42/ 41																				11	45
40/ 39																				14	31
38/ 37																				7	33
36/ 35																				3	26
34/ 33																				4	24
32/ 31																					15
30/ 29																					16
28/ 27																					14
26/ 25																					9
24/ 23																					7
22/ 21																					9
20/ 19																					8

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					6
16/ 15																					2
14/ 13																					3
12/ 11																					3
TOTAL	.2	5.4	8.5	11.3	15.3	22.3	17.7	9.6	6.1	2.4	.8	.1	.1					831	846	831	831

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2851867	46477	55.9	17.440	831							
Dry Bulb	3790345	56153	66.4	8.649	846			42.0	22.0	5.0		84
Wet Bulb	2776177	47461	57.1	8.886	831			14.4	2.9			84
Dew Point	2126469	40635	48.9	12.962	831		9.3	7.1	.2			84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
FEB — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85									.1									1	1		
84/ 83							.1				.1	.1						3	3		
82/ 81					.4	.5	.6		.2	.2	.2	.1	.1					20	20		
80/ 79			.1		1.1	1.6	.7	.8	.2	.1	.1							40	40		
78/ 77			.1	.8	.8	.6	.6	.5		.1								30	34		
76/ 75		.1	.4	.7	1.0	1.8	.5	1.4	.6	.2	.1	.1						58	59	1	
74/ 73		.2	.4	.6	.8	.7	.6	1.4	.5	.1	.1							46	47	11	1
72/ 71		.5	.5	.7	1.4	.6	2.6	.8	.7	.6								71	75	31	5
70/ 69		.2	.6	1.3	1.6	1.9	1.8	.6	.4	.4	.2	.4						78	78	35	23
68/ 67	.1	.2	1.0	.8	1.0	1.6	.6	.8	1.1	.7	.7							72	73	36	24
66/ 65	.1	1.1	.7	.6	2.3	1.8	.8	.8	.2	.1	.2							74	75	55	21
64/ 63		1.0	.6	1.0	1.2	1.3	1.4	1.0	.6	.1								68	68	55	33
62/ 61	.2	.5	.5	.4	1.3	1.7	.8	1.0	.4	.2								58	58	75	59
60/ 59	.1	.2	.5	1.2	1.6	.5	.8	.4	.4									47	48	76	46
58/ 57			.8	.6	1.4	.8	.6	1.0	.2									46	47	78	38
56/ 55		.7	.4	.5	1.6	1.2	.5	.2	.1									43	44	34	26
54/ 53		.1	.5	.4	1.6	.6	1.1											35	35	83	44
52/ 51		.4	.2	.2	.5	.2	.2											15	15	61	66
50/ 49			.2	.4	.1	.4	.2	.1										12	12	51	62
48/ 47			.4		.5		.1											8	8	51	46
46/ 45			.1	.1	.1													3	3	44	43
44/ 43			.2	.1														3	3	20	36
42/ 41																				20	43
40/ 39																				9	40
38/ 37																				4	30
36/ 35																				1	29
34/ 33																					25
32/ 31																					23
30/ 29																					13
28/ 27																					12
26/ 25																					14
24/ 23																					8
22/ 21																					9
20/ 19																					5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12813 STATION | MACDILL AFB FL STATION NAME | 66-70,73-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					1
16/ 15																					5
14/ 13																					1
TOTAL	.6	5.3	8.2	10.5	20.2	17.8	14.9	11.0	5.8	3.0	1.9	.7	.1					831	846	831	831

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2831786	46210	55.6	17.772	831							
Dry Bulb	3779947	56109	66.3	8.331	846			42.7	20.3	5.0		84
Wet Bulb	2752553	47327	57.0	8.301	831			11.5	1.2			84
Dew Point	2087505	40377	48.6	12.304	831		9.2	5.4	.1			84

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

3876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) | MACDILL AFB FL (STATION NAME) | 68-70,73-79 (YEARS) | FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.1	.2	.1	.2			.1								7	7		
76/ 75			.2	.5	.8	.1	.1											15	15		
74/ 73		.5	1.0	1.4	.2	.1		.1		.1								29	30	1	
72/ 71		1.0	1.1	1.0	.5	.2	.2											33	33	15	7
70/ 69		.8	1.6	1.7	1.0	1.0	.5	.2	.1									57	58	25	15
68/ 67		1.2	2.2	.8	1.7	1.0	.4											60	62	33	16
66/ 65	.1	1.3	2.4	1.3	2.2	.6				.1								67	70	38	32
64/ 63	.2	1.6	1.4	2.3	1.7	1.4	.4	.4		.1								79	82	51	31
62/ 61	.1	1.9	1.6	1.7	1.2	.8		.4	.1	.1								66	66	51	47
60/ 59	.1	1.2	1.9	2.5	1.2	1.1	.4	.2	.1									73	74	73	50
58/ 57	.1	1.1	3.5	2.6	1.2	1.2	.4	.1										85	85	65	42
56/ 55		1.3	2.3	1.9	1.6	1.0	.1	.1										69	70	71	36
54/ 53		.2	1.2	1.8	1.6	.5	.1											45	47	81	64
52/ 51		.7	1.3	1.9	1.4	.6	.6											55	56	58	64
50/ 49			.8	2.0	1.3	.5												39	39	66	64
48/ 47		.5	.5	1.0	.8	.1	.1											25	25	48	55
46/ 45			.1	.5	.5													9	9	57	40
44/ 43			.2	.5	.2	.2												10	10	34	50
42/ 41			.2	.2	.1													5	5	29	34
40/ 39			.1	.2														3	3	14	41
38/ 37																				11	29
36/ 35																				8	24
34/ 33																				2	24
32/ 31																					23
30/ 29																					11
28/ 27																					14
26/ 25																					10
24/ 23																					2
22/ 21																					1
20/ 19																					2
18/ 17																					2
16/ 15																					1
TOTAL	.7	13.4	23.7	26.1	19.5	10.6	3.5	1.6	.9	.6								831	846	831	831

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4095410	56954	68.5	15.208	831							
Dry Bulb	3143379	51145	60.5	7.300	846			20.4	5.2			84
Wet Bulb	2546243	45473	54.7	8.354	831			7.5	.1			84
Dew Point	2132862	41084	49.4	11.069	831		6.7	3.8				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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.2	1.1	.5		.1												16	16		
72/ 71	.2	1.3	1.1	.2	.4													27	27	11	8
70/ 69	.1	1.3	2.2	.8														37	37	20	10
68/ 67	.2	1.8	1.0	.4		.1												29	29	26	25
66/ 65	.6	1.3	1.6	.4	.8													39	43	41	34
64/ 63	.4	2.4	2.5	1.7	1.2	.1												69	71	29	23
62/ 61		2.3	2.3	1.3	.4	.5												56	60	43	30
60/ 59	.2	2.4	2.9	2.2	.6	.1	.1											71	72	49	47
58/ 57	.4	3.1	3.4	1.8	.5	.2	.1											79	79	72	40
56/ 55		2.5	4.0	2.9	1.2	.2	.1											91	91	65	50
54/ 53		2.1	3.9	2.5	1.0	.2	.1											81	82	77	53
52/ 51		1.2	2.7	1.9	1.3													59	64	74	68
50/ 49		1.1	2.1	3.5	1.4													67	67	68	67
48/ 47		1.1	1.6	1.7	.1	.4												40	40	60	63
46/ 45		.4	1.7	1.0	.5	.4												32	32	56	50
44/ 43			.6	.4	.2	.1												11	11	50	42
42/ 41			.8	.4														10	10	36	41
40/ 39			.8	.5	.1													12	12	15	39
38/ 37			.1	.1														2	2	21	32
36/ 35																				9	34
34/ 33																				5	23
32/ 31																				1	19
30/ 29																					9
28/ 27																					8
26/ 25																					3
24/ 23																					3
22/ 21																					6
18/ 17																					1
TOTAL	2.2	24.6	36.2	24.2	9.8	2.5	.5											828	845	828	828

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4929740	62954	76.0	13.162	828							
Dry Bulb	2813758	48326	57.2	7.694	845			10.8	1.6			84
Wet Bulb	2401256	44034	53.2	8.480	828		.1	5.8				84
Dew Point	2113589	40905	49.4	10.593	828		5.0	4.4				84

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

3077

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12811 STATION | MACDILL AFB FL STATION NAME | 68-70,73-79 YEARS | FEB MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4		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	.0	.0									4	4		
84/ 83						.0	.1	.0	.0		.0	.0						11	11		
82/ 81					.1	.3	.1	.1	.0	.0	.0	.0	.0					47	47		
80/ 79			.0	.1	.2	.4	.2	.2	.0	.0	.0	.0						78	79		
78/ 77		.0	.1	.3	.3	.3	.3	.1	.0	.0								97	105		
76/ 75		.0	.4	.3	.4	.4	.2	.3	.1	.0	.0	.0						144	148	4	
74/ 73		.3	.6	.6	.3	.3	.2	.4	.1	.1	.0							184	188	46	5
72/ 71	.2	.9	.8	.4	.5	.3	.6	.2	.1	.1								265	271	141	48
70/ 69	.2	1.2	1.2	.8	.6	.7	.5	.2	.1	.1	.0	.0						376	383	209	160
68/ 67	.3	1.3	1.2	.6	.5	.6	.3	.2	.3	.1	.1							368	374	256	185
66/ 65	.3	1.7	1.1	.8	1.2	.6	.3	.2	.2	.1	.0							433	450	303	242
64/ 63	.2	2.0	1.3	1.3	.9	.7	.5	.3	.2	.1								479	494	297	201
62/ 61	.3	2.2	1.4	.9	.9	.8	.3	.3	.2	.1								470	478	391	302
60/ 59	.2	1.9	2.0	1.3	.6	.6	.3	.1	.1									461	488	481	336
58/ 57	.3	2.2	2.4	1.4	.8	.6	.3	.2	.1									541	548	516	353
56/ 55	.2	2.4	2.0	1.3	.9	.6	.2	.1	.0									513	523	480	353
54/ 53	.2	1.9	1.8	1.4	.3	.4	.3	.1	.0									460	470	592	453
52/ 51	.0	1.6	2.0	1.3	.8	.2	.2	.0										401	409	476	476
50/ 49	.0	1.5	1.6	1.7	.7	.2	.1	.1										414	417	486	464
48/ 47	.0	1.4	1.2	.8	.4	.2	.1											277	278	485	410
46/ 45	.0	.7	1.0	.5	.0	.2	.1											202	205	445	387
44/ 43		.5	.9	.3	.3	.1												138	138	298	364
42/ 41		.3	.9	.3	.2	.1												113	113	244	332
40/ 39		.2	.5	.3	.2													79	79	161	308
38/ 37		.1	.2	.3	.1													41	41	145	260
36/ 35		.1	.1	.1														20	20	81	227
34/ 33			.0															3	3	54	194
32/ 31																				35	137
30/ 29																				13	86
28/ 27																					92
26/ 25																					81
24/ 23																					93
22/ 21																					47
20/ 19																					36

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	T-tal
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

12810 | MACDILL AFB FL | 66-70,73-79 | FEB
STATION | STATION NAME | YEARS | MONTH

 | ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
18/ 17																						25
16/ 15																						21
14/ 13																						7
12/ 11																						4
TOTAL	2.3	24.2	24.9	17.2	12.9	8.5	5.2	3.0	1.6	.6	.3	.1	.0						6632	4764	5639	5639

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35438671	470219	70.8	17.932	6639							
Dry Bulb	2+394803	401093	59.3	9.503	6764			160.6	57.8	10.0		672
Wet Bulb	19441917	357847	53.9	9.133	6639		4.9	66.0	5.1			672
Dew Point	16753493	324459	48.9	11.687	6639		58.6	40.3	.5			672

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

3678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) | MACDILL AFB FL (STATION NAME) | 68-70,73-79 (YEARS) | MAR (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
78/ 77				.1	.1													2	2		
76/ 75		.3			.1													4	4		
74/ 73	.1	.9	.9	.5														22	22	5	4
72/ 71		1.5	4.1	.9	.1													61	61	10	8
70/ 69	.5	4.1	5.4	1.9	.4													115	115	46	26
68/ 67	.2	2.8	5.4	2.3	.5	.2												106	106	88	53
66/ 65	.3	3.5	3.2	1.6	.6	.2	.1											89	89	92	79
64/ 63	.2	3.0	3.7	1.8	1.7	.1	.1											99	99	92	74
62/ 61	.2	3.7	2.3	1.8	.2													76	76	84	85
60/ 59		3.0	3.8	2.4	.8	.4												96	96	95	74
58/ 57	.2	1.6	3.8	2.3	.5	.3												81	81	77	70
56/ 55		1.9	1.3	1.4	.4	.1	.2											50	50	90	79
54/ 53		1.3	1.7	2.1	.8	.1	.1											56	56	64	71
52/ 51		.2	.9	.9	.3													21	21	54	57
50/ 49	.1	.4	.4	.3	.2	.1												15	16	36	70
48/ 47			.3	.1	.3													7	8	33	34
46/ 45		.4	1.0	.2	.1													16	17	17	33
44/ 43			.8															7	7	17	23
42/ 41		.1	.2															3	3	13	19
40/ 39																				13	26
38/ 37																					16
36/ 35																					9
34/ 33																					5
32/ 31																					4
30/ 29																					4
28/ 27																					3
TOTAL	1.9	28.8	39.1	20.6	7.3	1.6	.5											926	929	926	926

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5967813	73611	79.5	11.209	926							
Dry Bulb	3663819	57995	62.4	6.834	929			31.0	2.8			93
Wet Bulb	3253744	54464	58.8	7.379	926			15.0	.5			93
Dew Point	2967347	51761	55.9	8.947	926		1.1	9.1	.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

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77				.1														1	1		
74/ 73	.2	1.0	.2	.3														16	16	6	3
72/ 71	.1	.9	1.9	.1	.1													29	29	9	8
70/ 69	.8	5.1	6.1	1.4														124	124	30	18
68/ 67	.1	5.3	3.5	1.1	.2													94	94	87	54
66/ 65	.3	4.3	2.7	1.3	.1	.1												82	82	110	99
64/ 63	.3	4.7	2.8	2.0	1.0	.3												104	104	74	74
62/ 61	.3	4.0	3.1	1.0	.5		.1											84	84	89	76
60/ 59	.1	3.1	3.5	1.0		.3												74	74	74	75
58/ 57	.1	3.6	2.2	.6	.4													64	64	71	66
56/ 55		3.1	4.2	1.2	.5	.2												86	86	88	62
54/ 53		2.2	2.3	1.1	1.3	.1	.1											65	65	59	67
52/ 51	.1	1.3	1.3	.5	.1	.3												34	34	73	69
50/ 49		.3	.9	.4	.3	.1												19	19	44	65
48/ 47			.8	.2	.2													11	11	32	48
46/ 45		.6	.4	.3	.8													20	20	21	28
44/ 43		.5	.4	.4	.1													14	17	23	16
42/ 41		.3	.3															6	6	7	17
40/ 39																				10	29
38/ 37																				13	20
36/ 35																					6
34/ 33																					5
32/ 31																					3
30/ 29																					5
28/ 27																					12
26/ 25																					2
TOTAL	2.5	40.3	36.6	13.2	5.7	1.5	.2											927	930	927	927

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6333436	75890	81.9	11.413	927							
Dry Bulb	3527208	56878	61.2	7.233	930			26.4	1.7			93
Wet Bulb	3181013	53815	58.1	7.839	927			13.2	.6			93
Dew Point	2937419	51439	55.5	9.472	927		2.2	8.3	.3			93

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

3879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) | MACDILL AFB FL (STATION NAME) | 68-70,73-79 (YEARS) | MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75		.2																2	2	1	1
74/ 73		.3	1.1	.4														17	17	1	
72/ 71	.1	2.7	2.4	.6														54	54	14	7
70/ 69	.5	3.9	5.1	1.2	.4													103	103	49	35
68/ 67	.2	6.5	3.6	1.2		.1												107	107	91	52
66/ 65	.4	5.2	2.7	1.2	.5		.1	.1										95	95	111	103
64/ 63	.1	4.5	1.5	1.4	.4	.1	.1											76	76	69	84
62/ 61	.3	4.2	2.3	1.6	.5	.1												84	84	82	63
60/ 59	.1	3.8	2.4	1.2	.3	.3												75	75	71	79
58/ 57	.2	2.9	2.7	.9	.1													63	63	75	61
56/ 55		2.8	2.8	.8	.6													65	65	65	59
54/ 53	.2	1.9	2.4	.9	.6	.2	.1											59	59	71	58
52/ 51		.8	1.2	.8	.9		.2											35	35	57	72
50/ 49	.2	.2	.5	.9	.3													20	20	37	56
48/ 47	.2	1.0	.6	.6	.2	.1												26	26	38	39
46/ 45		.4	.4	.4	.8													19	20	26	20
44/ 43		.3	.4	.3	.3													13	14	27	21
42/ 41		.2	.2	.2	.2													8	9	14	23
40/ 39			.3	.2														5	5	16	17
38/ 37				.1														1	1	10	20
36/ 35																				7	10
34/ 33																				3	12
32/ 31																					11
30/ 29																					4
28/ 27																					10
26/ 25																					7
24/ 23																					3
TOTAL	2.7	41.9	32.6	14.9	6.4	1.0	.5	.1											930		927
																		927		927	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6303543	75581	81.5	12.349	927							
Dry Bulb	3537755	56907	61.2	7.736	930			28.3	1.9			93
Wet Bulb	3188575	53803	58.0	8.433	927			15.7	.2			93
Dew Point	2940006	51326	55.4	10.298	927		3.5	9.5	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12812 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.2	.6	.6	.5											19	19		
80/ 79			.2	1.6	1.6	.9	.3	.1										44	44		
78/ 77		.1	.9	2.4	2.5	1.0	.8	.1	.1									72	72		
76/ 75		.2	2.0	3.4	1.4	1.7	1.0	.6										97	97	11	3
74/ 73	.1	1.0	1.8	2.7	1.5	1.3	1.2	.2		.2								93	93	43	9
72/ 71		1.7	3.1	1.6	1.4	1.8	1.0		.1	.1								101	101	80	39
70/ 69		1.2	2.4	1.8	2.0	2.3	.4	.2	.3									99	99	104	63
68/ 67	.2	.6	1.4	2.0	1.6	.8	.1											63	63	81	88
66/ 65		1.2	1.2	1.9	1.5	.5	.9	.3	.1									71	71	77	84
64/ 63	.2	1.4	1.2	1.3	1.2	.3	.2	.2	.1									57	57	84	58
62/ 61		.8	1.4	1.2	.5	1.2	.2	.3										52	52	103	68
60/ 59		.2	.6	1.1	.9	.4	.6	.5										41	41	73	54
58/ 57		.3	.5	1.0	.8	.5	.6	.5										40	40	51	66
56/ 55			.5	.6	.4	.6	.4	.2										27	27	36	86
54/ 53		.1	.1	.4	.4	.4	.5											19	19	33	50
52/ 51			.1	.1	.6	.6	.1											1.	15	37	42
50/ 49		.1	.1		.3	.4												9	10	29	34
48/ 47					.1	.2												3	3	21	17
46/ 45				.2	.1	.1												4	4	20	26
44/ 43					.2													2	2	15	17
42/ 41					.1													1	1	19	22
40/ 39																				7	14
38/ 37																				2	10
36/ 35																				3	14
34/ 33																					14
32/ 31																					17
30/ 29																					7
28/ 27																					9
26/ 25																					9
24/ 23																					10
TOTAL	.5	8.9	17.7	23.7	19.9	15.8	8.9	3.4	.8	.3								929	930	929	929

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4436962	62586	67.4	15.418	929							
Dry Bulb	4407224	63604	68.4	7.851	930			58.8	32.5	3.9		93
Wet Bulb	3606356	57334	61.7	8.556	929			31.9	5.4			93
Dew Point	3099311	52571	56.6	11.577	929		5.2	20.1	1.1			93

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

3880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
MAR — MONTH

1200-1400 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87							.1		.1	.1								3	3		
86/ 85					.1	.2	.8	1.0	.4	.1								24	24		
84/ 83					.8	1.6	1.9	1.0	.5	.1								55	55		
82/ 81				1.1	1.8	3.9	2.4	1.7	.9	.4		.1	.1					115	115		
80/ 79			.2	1.2	2.4	2.8	1.3	2.6	.9	.5	.1	.2						113	113		
78/ 77			.4	1.3	1.2	1.4	1.9	2.5	1.0	.1	.2							93	93	1	
76/ 75		.1	.8	1.3	1.0	1.9	1.3	4.0	1.0	.3	.2							110	110	27	
74/ 73		.1	.3	1.3	1.2	1.1	2.8	1.3	.5	.2	.2							84	84	78	15
72/ 71		1.0	.6	.6	.8	.9	1.2	.6	.3	.3								59	59	115	45
70/ 69	.1	.1	.4	.5	.8	.5	.4	1.0	.5	.3	.1							45	45	78	51
68/ 67		.4	.4	.5	.5	.6	.3	1.1		.2								39	39	83	92
66/ 65		.6	.2	.5	.3	.9	1.1	.3	.5	.3								45	45	84	61
64/ 63		.9	.4	.2	.3	1.2	.3	.3	.9	.1								43	43	91	58
62/ 61		.3	.2	.3	.6	.2	.1	1.2	.4									32	32	100	64
60/ 59		.4	.2	.2	.4	.8	.1	.9	.2									30	30	49	61
58/ 57			.1		.5	.3	.1	.2										12	12	42	67
56/ 55				.2	.1	.5	.2											10	10	29	58
54/ 53		.1	.2		.0	.4	.1											12	12	47	66
52/ 51			.1		.1	.1												3	3	16	45
50/ 49																				29	39
48/ 47					.1	.2												3	3	24	25
46/ 45																				23	20
44/ 43																				10	28
42/ 41																				1	26
40/ 39																				2	18
38/ 37																				1	15
36/ 35																					12
34/ 33																					11
32/ 31																					21
30/ 29																					10
28/ 27																					10
26/ 25																					9
24/ 23																					2
20/ 19																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.1	4.1	4.7	9.4	13.4	19.6	16.5	19.6	8.2	3.2	.9	.3	.1					930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3182184	52026	55.9	15.793	930							
Dry Bulb	5111213	68559	73.7	7.839	930			74.0	59.7	26.7		93
Wet Bulb	3809916	59048	63.5	8.091	930			38.2	10.6			93
Dew Point	3051241	52167	56.1	11.600	930		5.3	20.3	1.5			93

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

3881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
MAR — MONTH
PAGE 1
1500-1700 — HOUR (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							•1											1	1		
88/ 87									•3	•2	•2							7	7		
86/ 85						•1	•2	•4	•6	•3								16	16		
84/ 83					•2	•6	•9	•4	•8			•1						28	28		
82/ 81				•3	1•7	3•7	1•2	1•3	•5	•5	•2	•1	•1	•1				91	91		
80/ 79			•3	1•0	2•5	3•9	1•3	1•3	1•7	1•1	•4		•1					126	126		
78/ 77			•8	1•5	2•4	1•4	2•4	2•0	1•5	•5	•3							119	119	1	
76/ 75			•5	1•8	1•5	1•5	1•3	2•8	1•7	•5	•2							112	112	11	
74/ 73		•2	•6	1•2	1•7	1•4	1•7	1•7	•2	•4	•3	•1						90	90	63	4
72/ 71		•8	1•2	•6	1•2	1•2	1•1	•5	•5	•5	•1	•1						73	73	101	30
70/ 69		•2	1•6	•5	•3	•5	•5	1•2	•5	•5								56	56	95	57
68/ 67		•1	1•0	•4	•5	•5	•5	•3	•2	•5								39	39	97	78
66/ 65		•4	•3	•5	•5	•3	•3	•4	•5	•3								35	35	93	70
64/ 63		•4	•9	•4	•2	•6	•8	•2	•4	•3								40	40	100	73
62/ 61		•2		•1	•2	•4	•4	•1	•1									15	15	88	70
60/ 59		•3	•3	•2	•6	•5	•4	•5										28	28	58	63
58/ 57	•1	•2	•2	•3	•6	•1	•4	•3										22	22	45	60
56/ 55			•1		•2	•2	•3	•1										9	9	33	65
54/ 53		•1			•3	•6												10	10	32	49
52/ 51			•2	•3	•2													7	7	32	55
50/ 49			•2	•1														3	3	27	33
48/ 47					•3													3	3	16	34
46/ 45																				20	29
44/ 43																				11	22
42/ 41																					25
40/ 39																				3	22
38/ 37																					20
36/ 35																					17
34/ 33																					7
32/ 31																					17
30/ 29																					14
28/ 27																					10
26/ 25																					4
24/ 23																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 STATION | MACDILL AFB FL STATION NAME | 68-70,73-79 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.1	3.0	8.4	9.5	15.4	17.7	13.9	13.8	9.8	5.9	1.8	.4	.2	.1				930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3203016	52330	56.3	16.680	930							
Dry Bulb	5065868	68260	73.4	7.745	930			75.8	59.0	21.6		93
Wet Bulb	3769633	53771	63.2	7.738	930			36.8	7.5			93
Dew Point	3011519	51881	55.8	11.236	930		4.7	16.9	.4			93

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

3282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
66-70,73-79 — YEARS
MAR — MONTH

1600-2000 — 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
≥67/ 95								.1										1	1		
82/ 81					.1			.1										2	2		
80/ 79					.3	.4	.2	.1		.2		.1						13	13		
78/ 77		.1	.4	1.1	2.5	.6	.5	.2	.3									54	54		
76/ 75		.3	1.9	2.8	2.0	1.3	.9	.9	.4									98	98	2	
74/ 73		.5	2.2	3.3	2.4	1.5	1.2	.6	.1	.1								111	111	13	5
72/ 71	.2	.9	3.1	3.4	2.3	1.4	1.2	.3	.1	.1								121	121	54	15
70/ 69	.1	.9	2.9	2.0	2.9	1.7	.6	.3	.5									112	112	92	48
68/ 67		1.4	2.0	2.0	1.3	1.3	.9	.4		.1								88	88	94	57
66/ 65		.5	.9	2.2	1.5	1.2	.4	.2	.1									65	65	101	83
64/ 63		2.0	1.8	1.6	.6	1.0	.1	.2	.2									71	71	102	89
62/ 61		1.4	.8	.6	1.0	.4	.3	.3										45	45	105	78
60/ 59		.2	.9	.9	.4	.3	.5	.3										33	33	96	72
58/ 57		.2	.5	.5	.6	.8		.1										26	26	51	69
56/ 55		.2	.9	1.1	1.1	.3	.1											34	34	45	75
54/ 53		.2	.2	.6	.3	.5	.1											19	19	36	48
52/ 51		.1	.5	.3	.4	.1												14	14	34	59
50/ 49			.1	.9	.4	.1												14	14	32	34
48/ 47				.4														4	4	28	38
46/ 45			.2	.1	.1													4	4	14	26
44/ 43				.1														1	1	19	25
42/ 41																				9	20
40/ 39																				2	24
38/ 37																				1	25
36/ 35																					11
34/ 33																					11
32/ 31																					7
30/ 29																					5
28/ 27																					5
26/ 25																					1
TOTAL	.3	9.0	19.4	24.1	20.3	13.0	7.1	4.3	1.8	.5		.1						930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥ 95 F	Total
Rel. Hum.	4478957	62987	67.7	15.141	930							
Dry Bulb	4334553	63133	67.9	7.246	930			60.0	27.9	.6		93
Wet Bulb	3537273	56931	61.2	7.494	930			25.5	1.5			93
Dew Point	3030360	52278	56.2	9.933	930		1.8	12.5	.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12813 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
MAR — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77				.1	.2													3	3		
76/ 75		.5	.3	.5	.8	.1												21	21	1	
74/ 73		1.3	2.7	2.4	.4	.1												64	64	10	4
72/ 71		1.2	4.5	2.5	1.0	.1	.2	.1										89	89	20	12
70/ 69	.6	2.8	6.3	3.1	2.2	.3	.3											148	148	65	33
68/ 67		1.8	3.0	2.7	1.4	1.2		.2										93	96	101	55
66/ 65	.1	1.8	1.9	3.1	1.6	.8	.2											89	89	97	85
64/ 63	.1	2.0	2.8	3.0	1.2	.8												92	92	87	89
62/ 61		3.7	1.6	1.7	1.5	.2	.2											83	83	82	70
60/ 59		1.4	2.5	1.7	.9	.8	.1											68	68	113	87
58/ 57		.9	1.1	1.3	.6	.1	.1											38	38	75	76
56/ 55		.5	1.2	1.4	1.6	.1												45	45	65	75
54/ 53		.8	1.0	1.7	.9	.3												43	43	47	59
52/ 51			1.0	.8	.6													22	22	43	38
50/ 49		.1		.5	.1													7	7	39	55
48/ 47			.5	.6														11	11	37	43
46/ 45		.1	.4	.2														7	7	16	28
44/ 43			.2	.2														4	4	18	27
42/ 41																				10	31
40/ 39																				3	8
38/ 37																				1	2
36/ 35																					
34/ 33																					12
32/ 31																					2
TOTAL	.9	18.9	31.1	27.6	14.9	4.8	1.4	.3										930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5433235	70135	75.4	12.453	930							
Dry Bulb	3909992	59968	64.5	6.815	930			42.1	8.8			93
Wet Bulb	3381106	55654	59.8	7.380	930			19.7	1.1			93
Dew Point	3023920	52346	56.3	9.138	930		.2	10.4	.4			93

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

3883

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12816 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.0											1	1		
88/ 87							.0		.1	.0	.0							10	10		
86/ 85					.0	.0	.1	.2	.1	.1								41	41		
84/ 83					.1	.3	.3	.2	.2	.0		.0						63	83		
82/ 81				.2	.5	1.0	.5	.4	.2	.1	.0	.0	.0	.0				227	227		
80/ 79			.1	.5	.8	1.0	.4	.5	.3	.2	.1	.0	.0					296	296		
78/ 77		.0	.3	.8	1.1	.6	.7	.6	.4	.1	.1							344	344	2	
76/ 75		.2	.7	1.2	.8	.8	.6	1.0	.4	.1	.1							444	444	53	4
74/ 73	.1	.7	1.2	1.5	.9	.7	.9	.5	.1	.1	.1	.0						497	497	219	43
72/ 71	.1	1.3	2.6	1.3	.8	.7	.6	.2	.1	.1	.0	.0						587	587	403	164
70/ 69	.3	2.3	3.8	1.6	1.1	.7	.3	.3	.2	.1	.0							802	802	559	331
68/ 67	.1	2.4	2.5	1.5	.8	.6	.2	.3	.0	.1								632	632	722	529
66/ 65	.1	2.2	1.6	1.5	.8	.5	.4	.2	.2	.1								571	571	765	664
64/ 63	.1	2.4	1.9	1.5	.8	.6	.2	.1	.2	.1								582	582	699	599
62/ 61	.1	2.3	1.5	1.0	.6	.3	.2	.2	.1									471	471	733	574
60/ 59	.0	1.6	1.8	1.1	.5	.5	.2	.3	.0									445	445	629	565
58/ 57	.1	1.2	1.4	.9	.5	.3	.2	.1										346	346	487	535
56/ 55		1.1	1.4	.8	.6	.3	.2	.0										326	326	451	559
54/ 53	.0	.8	1.0	.8	.6	.3	.1											283	283	389	468
52/ 51	.0	.3	.7	.5	.4	.2	.0											151	151	346	437
50/ 49	.0	.1	.3	.4	.2	.1												87	89	273	386
48/ 47	.0	.1	.2	.3	.2	.1												68	69	221	278
46/ 45		.2	.3	.2	.2	.0												70	72	161	210
44/ 43		.1	.2	.1	.1													41	45	137	179
42/ 41		.1	.1	.0	.0													18	19	83	183
40/ 39			.0	.0														5	5	56	168
38/ 37				.0														1	1	28	150
36/ 35																				10	86
34/ 33																				3	77
32/ 31																					82
30/ 29																					49
28/ 27																					5
26/ 25																					32
24/ 23																					17

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 19																					1
TOTAL	1.1	19.4	23.7	17.9	12.9	9.4	6.1	5.2	2.6	1.3	.3	.1	.0	.3				7439		7429
																	7429		7429	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	79299106	525146	70.7	17.121	7429							
Dry Bulb	33557632	495304	66.6	8.825	7439			396.5	194.3	52.8		744
Wet Bulb	27727616	449820	60.5	8.133	7429			196.1	27.4			744
Dew Point	24061123	415769	56.0	10.328	7429		24.0	107.3	4.7			744

3684

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12812 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81						.1												1	1		
78/ 77		.1				.1												2	2		
76/ 75		1.3	1.0	.7	.2													29	29	4	
74/ 73	.2	3.0	3.8	1.0	.8	.1												80	80	20	13
72/ 71	.1	4.9	6.3	2.7	1.0	.2	.1											138	138	52	26
70/ 69	.1	5.8	8.4	3.1	3.1	.9	.2											195	195	92	63
68/ 67		3.9	6.9	2.8	2.6	1.0	.1											155	155	143	105
66/ 65	.1	3.1	2.7	3.4	2.8	1.0												118	118	130	113
64/ 63		1.3	2.7	2.3	1.7	.6												77	77	110	96
62/ 61		1.0	.9	2.1	1.1	.2												48	48	102	94
60/ 59		.4	.9	1.0	.6	.3	.1											30	30	83	76
58/ 57			.4	.3	.3	.2	.1											13	13	65	70
56/ 55			.3	.3	.2	.1	.1											10	10	44	60
54/ 53			.2		.1													3	3	29	45
52/ 51																				10	56
50/ 49																				6	27
48/ 47					.1													1	1	6	22
46/ 45																				1	13
44/ 43																				1	7
42/ 41																				1	4
40/ 39																					4
38/ 37																					1
36/ 35																					1
34/ 33																					3
32/ 31																					1
TOTAL	.6	24.9	34.6	19.8	14.6	4.9	.9											900	900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 83 F	≥ 93 F	Total
Rel. Hum.	5625347	70345	78.2	11.890	900							
Dry Bulb	4160386	61066	67.9	4.347	900			60.0	11.2	.1		90
Wet Bulb	3663564	57208	63.6	5.497	900			31.0	2.4			90
Dew Point	3354285	54551	60.6	7.294	900		.1	20.7	1.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12813 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
APR — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77		.1	.2		.2													5	5		
76/ 75		1.0	.3	.3	.1													16	16	3	
74/ 73	.2	2.3	1.1	.2														35	35	16	10
72/ 71	.3	4.0	5.2	.7														92	92	36	23
70/ 69		6.9	7.8	2.7	.2													159	159	74	53
68/ 67	.1	6.4	8.7	2.3	2.2	.1	.2											181	181	139	90
66/ 65	.4	6.0	4.4	4.6	1.4	.4												156	156	122	133
64/ 63		2.3	2.7	2.4	1.0	.7	.1											83	83	134	107
62/ 61		2.1	1.4	2.4	1.3													63	63	84	88
60/ 59		1.4	1.7	.7	.4	.3												41	41	95	61
58/ 57		.7	2.0	1.0	.2	.1	.1											37	37	68	69
56/ 55		.2	.1	.1	1.2	.4												19	19	48	55
54/ 53				.3	.2	.4												9	9	36	64
52/ 51			.2			.2												4	4	15	35
50/ 49		.1																1	1	7	26
48/ 47																				15	16
46/ 45																				9	15
44/ 43																				2	7
42/ 41																				2	5
40/ 39																					8
38/ 37																					3
36/ 35																					1
34/ 33																					4
32/ 31																					1
30/ 29																					3
TOTAL	1.1	33.7	35.9	17.8	8.3	2.8	.4												900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6046617	73007	81.1	11.475	900							
Dry Bulb	3979031	59693	66.3	4.709	900			48.7	5.6			90
Wet Bulb	3572561	56461	62.7	3.826	900			26.8	1.9			90
Dew Point	3315219	54193	60.2	7.60	900		.4	17.6	1.0			90

USAFETAC FORM 0-26-5 (OL A) 2885 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810	MACDILL AFB FL	68-70,73-79	APR
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
81/ 79									.1									1	1		
78/ 77		.1	.6	.2	.1													9	9		
76/ 75		.8	2.2	.6	.4													36	36	1	1
74/ 73	.1	3.2	2.6	2.1	.1													73	73	20	9
72/ 71	.2	5.0	5.4	1.8	.7	.3		.1										122	122	76	40
70/ 69		4.7	5.9	3.4	1.3	.6												143	143	73	76
68/ 67	.3	5.3	6.9	3.1	2.8	.2	.1											169	169	129	87
66/ 65	.6	4.6	3.0	3.0	1.7	.3	.3											121	121	122	105
64/ 63	.1	2.7	1.1	3.1	1.0	.9	.1											81	81	123	107
62/ 61	.1	2.0	1.1	1.6	.9	.2	.1											54	54	97	98
60/ 59	.2	.8	2.0	.9	.7	.1	.1	.1										44	44	81	76
58/ 57		.4	1.0	.1	.4		.1											19	19	60	61
56/ 55				.2	.3	.3	.1											11	11	52	57
54/ 53			.1	.4	.2	.2												9	9	22	58
52/ 51				.1	.1	1												3	3	9	38
50/ 49		.1		.1	.1	.2												5	5	12	26
48/ 47																				9	8
46/ 45																				6	13
44/ 43																				4	10
42/ 41																				4	10
40/ 39																					2
38/ 37																					4
36/ 35																					4
34/ 33																					2
32/ 31																					4
30/ 29																					3
28/ 27																					1
TOTAL	1.7	29.7	32.1	20.8	10.9	3.6	1.0	.2	.1										900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5836826	71622	79.6	12.351	900							
Dry Bulb	4094734	60540	67.3	4.993	900			55.3	11.9			90
Wet Bulb	3639355	56973	63.3	6.038	900			29.9	2.1			90
Dew Point	3354108	54474	60.5	7.961	900		.8	21.3	1.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12815 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
APR — MONTH

0900-1100 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥87									.1									1	1		
86/ 85						.1	.3	.2	.1									7	7		
84/ 83				.1	1.0	.6	.7	.2	.1									24	24		
82/ 81				.8	2.1	1.8	1.3	1.3	.3									69	69		
80/ 79			.6	2.9	3.8	2.9	3.0	1.2	.8	.2								138	138		
78/ 77		.2	1.9	2.6	4.8	2.3	2.6	1.6	1.0	.4		.1						157	157	2	
76/ 75		.6	2.3	3.8	3.8	2.6	1.3	1.0	.7		.1							145	145	32	2
74/ 73		.8	1.7	3.3	2.3	2.8	1.4	1.2	1.0	.2	.1							134	134	97	23
72/ 71		.4	1.3	1.6	2.6	2.1	.9	.6	.7	.2								93	93	120	74
70/ 69	.1	.1	1.6	.9	1.2	1.2	.9	.4	.1		.1							60	60	131	81
68/ 67	.1	.1	.7	.3	.4	.7	.6	.7	.1									33	33	138	88
66/ 65		.3	.1	.2	.3	.4	.2	.1	.1	.1								18	18	98	105
64/ 63						.2	.1	.1										4	4	96	91
62/ 61				.1	.4		.2	.3	.2									12	12	50	76
60/ 59					.1		.1											2	2	33	83
58/ 57							.1	.1										2	2	40	57
56/ 55							.1											1	1	16	44
54/ 53																				14	28
52/ 51																				4	40
50/ 49																				5	21
48/ 47																				4	26
46/ 45																				4	13
44/ 43																				1	15
42/ 41																					8
40/ 39																					7
38/ 37																					3
36/ 35																					4
34/ 33																					2
32/ 31																					3
28/ 27																					4
26/ 25																					1
24/ 23																					1
TOTAL	.2	2.6	10.1	16.6	22.9	17.7	13.9	9.1	5.3	1.2	.3	.1						900	900		900
																				900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3729685	56459	62.7	14.457	900							
Dry Bulb	5120680	67754	75.3	4.718	900			86.1	67.5	16.8		90
Wet Bulb	4026038	59972	66.6	5.755	900			52.0	13.1			90
Dew Point	3424291	54957	61.1	8.725	900		.9	26.8	2.5			90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC
3886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
APR — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91											.2	.1						3	3		
90/ 89								.1		.1	.2							4	4		
88/ 87							.3	.8	1.2	.4	.4	.2						31	31		
86/ 85					.4	1.3	1.9	1.4	1.2	1.1	.8	.3	.1					78	78		
84/ 83				.6	1.6	3.3	3.8	3.0	2.9	1.9	.6	.2						160	160		
82/ 81				1.0	3.1	3.9	4.4	3.9	3.2	2.4	.7	.4	.1					209	209		
80/ 79			.2	1.3	1.8	2.9	1.6	3.0	2.3	1.8	1.0	.3	.1					147	147		
78/ 77			1.2	.6	1.7	1.3	1.2	1.8	1.7	1.1	.1	.4						100	100	10	
76/ 75		.1	.2	.3	2.0	1.1	.8	1.6	1.2	1.3	.2	.1						81	81	63	5
74/ 73		.2	.1	.4	.6	.8	.3	.7	.8	.3	.2							40	40	118	23
72/ 71			.1	.1		.2	.1	.1	.4		.1							11	11	120	56
70/ 69			.1	.1	.1	.3	.4		.2		.1							13	13	133	71
68/ 67				.1	.1	.8	.2	.3		.1								15	15	114	78
66/ 65						.1		.3	.2									6	6	115	86
64/ 63									.2									2	2	70	73
62/ 61																				57	76
60/ 59																				35	79
58/ 57																				39	61
56/ 55																				10	52
54/ 53																				8	60
52/ 51																				5	46
50/ 49																				2	35
48/ 47																				1	18
46/ 45																					19
44/ 43																					24
42/ 41																					13
40/ 39																					5
38/ 37																					5
36/ 35																					8
34/ 33																					3
32/ 31																					3
30/ 29																					1
28/ 27																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
APR — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		.3	2.0	4.6	11.3	16.1	15.1	17.0	15.7	10.7	4.7	2.2	.3					900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2557922	46300	51.4	13.994	900							
Dry Bulb	5797867	72129	80.1	4.375	900			89.2	85.3	58.2		90
Wet Bulb	4145721	60887	67.7	5.437	900			55.8	19.1			90
Dew Point	3288257	53799	59.8	8.970	900		.5	23.3	2.8			90

FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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3987

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91											.1							1	1		
90/ 89								.4	.2		.3	.2						9	9		
88/ 87								.3	1.0	.1	.8	.4						24	24		
86/ 85					.1	.2	1.4	1.1	2.0	1.6	1.0	1.1	.2					79	79		
84/ 83				.1	1.6	2.4	1.8	2.0	3.2	2.4	1.2	.1	.1	.2				137	137		
82/ 81				1.2	3.8	3.3	2.8	3.2	2.3	2.0	1.3	.2	.1					183	183		
80/ 79			.7	2.3	2.7	4.8	2.6	2.2	2.1	2.0	.3	.1						178	178		
78/ 77			.4	.9	2.2	1.7	2.0	1.7	1.6	.9	.3	.4						109	109	2	
76/ 75		.3	.4	.7	.7	1.6	1.2	1.8	1.3	.6		.1						78	78	43	3
74/ 73		.2	.4	.8	.3	1.0	.7	.6	.3	.1								40	40	128	20
72/ 71		.1	.7	.1	.2	.1	.1		.7	.1								19	19	115	64
70/ 69			.2	.3	.2	.3	.7		.3	.2								21	21	135	66
68/ 67			.1		.2	.4	.2	.3	.3									15	15	128	88
66/ 65						.2		.1										3	3	112	84
64/ 63						.1	.2											3	3	92	60
62/ 61																				59	70
60/ 59																				35	79
58/ 57																				26	75
56/ 55																				10	53
54/ 53																				10	49
52/ 51																				4	53
50/ 49																					50
48/ 47																					21
46/ 45																					19
44/ 43																					15
42/ 41																					9
40/ 39																					8
38/ 37																					4
36/ 35																					8
34/ 33																					1
TOTAL		.7	3.0	6.5	12.0	16.2	13.7	13.8	15.5	10.0	5.2	2.6	.4	.2				899	899		899
																				899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2663221	47087	52.4	14.809	899							
Dry Bulb	5745790	71758	79.8	4.467	899			89.4	83.9	53.2		90
Wet Bulb	4126897	60739	67.6	5.083	899			55.2	17.3			90
Dew Point	3286738	53816	59.9	8.521	899			24.1	2.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
APR — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87								.1										1	1		
86/ 85						.1	.1	.1			.1	.1						5	5		
84/ 83						.1	.3	.1	.2	.2	.2	.1						12	12		
82/ 81				.1	.4	.7	.6	1.0	1.0	.4	.4							42	42		
80/ 79			.2	1.2	2.3	1.4	2.1	1.6	1.2	.1								92	92		
78/ 77		.4	1.0	2.3	3.7	1.9	1.3	2.7	1.1	.6	.1							136	136		
76/ 75		1.1	2.9	4.6	3.6	3.1	1.9	1.0	.3		.2							168	168	12	1
74/ 73		.6	2.8	5.2	2.2	2.6	2.0	1.2	.4	.2								155	155	55	19
72/ 71		.6	2.4	2.4	1.7	2.0	1.6	1.2	.3									109	109	86	35
70/ 69		.9	.7	1.4	1.3	2.0	.8	.4	.1									69	69	136	61
68/ 67		.2	.3	1.6	.7	1.3	1.2	.2	.1									51	51	147	96
66/ 65		.2	.3	.6	.7	1.0	.7	.1	.1									33	33	114	93
64/ 63		.1		.1	.6	.4	.1											12	12	113	87
62/ 61				.3	.1	.2	.3	.1										10	10	87	80
60/ 59					.2	.1												3	3	57	60
58/ 57					.1	.1												2	2	39	66
56/ 55																				29	72
54/ 53																				13	67
52/ 51																				7	44
50/ 49																				5	40
48/ 47																					26
46/ 45																					23
44/ 43																					11
42/ 41																					10
40/ 39																					5
38/ 37																					1
36/ 35																					2
34/ 33																					1
TOTAL		4.1	10.7	19.9	17.6	17.1	13.0	9.8	5.0	1.6	1.1	.2						900	900	900	900

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3743992	56456	62.7	15.011	900							
Dry Bulb	4965203	66717	74.1	4.654	900			84.0	61.1	9.8		90
Wet Bulb	3891692	58998	65.6	5.186	900			43.6	6.7			90
Dew Point	3286355	53927	59.9	7.829	900			21.2	2.0			90

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

3888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12816 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
APR — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85									.1									1	1		
84/ 79				.1	.2	.2												5	5		
78/ 77			.3	.6	.4	.6		.1	.1									19	19		
76/ 75		1.0	3.3	1.9	.7	.9	.8	.4	.2									83	83	1	
74/ 73	.2	2.9	5.8	3.6	3.0	1.8	1.4	.4										172	172	27	14
72/ 71	.2	2.3	7.8	4.0	3.3	1.8	.9											153	183	77	33
70/ 69		2.6	6.9	2.0	2.7	2.9	.7	.1										160	160	104	77
68/ 67	.1	1.1	2.8	1.6	2.7	1.8	.4											94	94	138	94
66/ 65		.9	2.1	2.1	2.6	1.6	.6											90	90	143	96
64/ 63		.3	1.3	1.3	1.4	1.0												49	49	97	94
62/ 61		.2	.1	.7	.8	.3												19	19	101	95
60/ 59			.2	.9	.3	.1												14	14	80	60
58/ 57			.2		.4	.1												7	7	61	73
56/ 55					.3	.1												4	4	33	61
54/ 53																				25	48
52/ 51																				9	59
50/ 49																				3	46
48/ 47																				4	21
46/ 45																				1	13
44/ 43																					8
42/ 41																					4
40/ 39																					1
38/ 37																					1
36/ 35																					2
TOTAL	.6	11.3	30.9	18.7	19.1	13.1	4.8	1.1	.4									900	900		900
																				900	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4910259	65393	72.7	13.294	900							
Dry Bulb	4434086	63058	70.1	9.214	900			71.7	28.0	.2		90
Wet Bulb	3753940	57934	64.4	5.238	900			34.7	2.8			90
Dew Point	3345533	54481	60.5	7.273	900			21.8	1.4			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12618 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
APR — 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
92/ 91											.0	.0						4	4		
90/ 89								.1	.0	.0	.0	.0						13	13		
88/ 87							.3	.2	.3	.1	.2	.1						57	57		
86/ 85					.1	.2	.5	.4	.4	.3	.2	.2	.0					170	170		
84/ 83				.1	.5	.8	.8	.7	.8	.6	.3	.1	.0	.0				333	333		
82/ 81				.4	1.2	1.2	1.1	1.2	.9	.6	.3	.1	.0					504	504		
80/ 79			.2	1.0	1.3	1.5	1.2	1.0	.8	.5	.2	.1	.0					561	561		
78/ 77		.3	.7	.9	1.6	1.0	.9	1.0	.7	.4	.1	.1						537	537	14	
76/ 75		.8	1.6	1.5	1.4	1.2	.8	.7	.5	.2	.1	.0						636	636	159	12
74/ 73	.1	1.7	2.3	2.1	1.2	1.1	.7	.5	.3	.1	.0							729	729	481	131
72/ 71	.1	2.2	3.7	1.7	1.2	.8	.5	.2	.3	.0	.0							767	767	661	351
70/ 69	.0	2.6	3.9	1.8	1.3	1.0	.5	.1	.1	.0	.0							819	819	878	548
68/ 67	.1	2.1	3.3	1.5	1.5	.8	.4	.2	.1	.0								713	713	1076	726
66/ 65	.1	1.9	1.6	1.7	1.2	.6	.2	.1	.1	.0								545	545	956	815
64/ 63	.0	.8	1.0	1.2	.7	.5	.1	.0	.0									311	311	835	715
62/ 61	.0	.7	.4	.9	.5	.1	.1	.1	.0									206	206	647	676
60/ 59	.0	.3	.6	.4	.3	.1	.0	.0										134	134	504	594
58/ 57		.1	.5	.2	.2	.1	.1	.0										80	80	398	532
56/ 55		.0	.1	.1	.3	.1	.0											45	45	242	454
54/ 53			.0	.1	.1	.1												21	21	157	419
52/ 51			.0	.0	.0	.0												7	7	57	371
50/ 49		.0		.0	.0	.0												6	6	42	271
48/ 47					.0													1	1	39	158
46/ 45																				18	128
44/ 43																				8	97
42/ 41																				7	66
40/ 39																					40
38/ 37																					22
36/ 35																					30
34/ 33																					16
32/ 31																					12
30/ 29																					7
28/ 27																					6
26/ 25																					1

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

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

3389

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810	MACDILL AFB FL	68-70,73-79	APR
STATION	STATION NAME	YEARS	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 B...b	Dew Point
24/ 23																				1
TOTAL	.5	13.4	19.9	15.6	14.6	11.4	7.2	6.4	5.3	2.9	1.4	.7	.1	.0				7199	7199		7199
																		7199		7199	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35107869	486669	67.6	17.514	7199							
Dry Bulb	38297777	522715	72.6	6.911	7199			584.4	354.4	138.2		720
Wet Bulb	30819768	469172	65.2	5.810	7199			328.9	65.4			720
Dew Point	26654786	434198	60.3	8.052	7199		2.7	176.8	14.3			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AF8 FL — STATION NAME
68-70,73-79 — YEARS
MAY — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81					.2													2	2		
80/ 79			.9	.9	.8	.1												24	24		
78/ 77		.9	3.5	1.8	1.9	.5	.3											84	84	3	
76/ 75		2.2	7.3	3.2	1.5	1.3												144	144	22	12
74/ 73	.1	5.2	8.4	6.9	2.3	1.2												221	221	95	33
72/ 71	.2	4.6	11.0	3.6	3.2	.4												216	216	153	106
70/ 69		2.8	5.9	2.7	1.8	.6												129	129	191	141
68/ 67		.3	3.3	1.4	2.3	.3	.2											73	73	185	179
66/ 65		.3	.8	.9	.2	.1												21	21	110	129
64/ 63			.1	.3	.1													9	9	83	90
62/ 61			.1	.3														4	4	36	64
60/ 59					.1	.1												2	2	30	56
58/ 57					.1													1	1	16	39
56/ 55																				1	20
54/ 53																					24
52/ 51																				1	11
50/ 49																				2	1
48/ 47																					2
46/ 45																					1
44/ 43																					1
42/ 41																					1
TOTAL	.3	16.2	41.3	22.0	14.5	4.5	.5											930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.	5697180	73492	79.0	9.819	930							
Dry Bulb	4899834	67830	72.5	3.409	930			89.3	47.5	1.0		93
Wet Bulb	4326730	63320	68.1	4.088	930			64.9	12.0			93
Dew Point	4020210	60949	65.5	5.286	930			47.1	4.5			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

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
MAY — MONTH

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
82/ 81				.1	.1													2	2		
80/ 79		.4	.2	.3	.3													12	12		
78/ 77		1.0	1.8	.9	.3													37	37	4	3
76/ 75	.3	1.7	4.9	2.8	.3	.2												96	96	16	12
74/ 73	.1	6.5	8.6	4.5	1.2	1.0												203	203	65	25
72/ 71	.6	7.5	10.8	1.2	1.4	.2												202	202	152	87
70/ 69		7.5	6.1	2.3	2.0													167	167	189	166
68/ 67	.1	1.5	5.7	2.5	.3	.1	.1											100	100	188	173
66/ 65		1.6	1.9	2.2	.9	.2												63	63	92	29
64/ 63		1.0	.2	1.1	.5	.1												27	27	94	94
62/ 61		.1	.4	.5	.2													12	12	61	62
60/ 59			.5	.1														6	6	24	69
58/ 57				.2														2	2	32	38
56/ 55			.1															1	1	10	19
54/ 53																				3	33
52/ 51																				2	9
50/ 49																					6
48/ 47																					5
46/ 45																					2
TOTAL	1.2	28.8	41.4	18.6	8.1	1.8	.1												930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6390471	76605	82.4	9.305	930							
Dry Bulb	4704431	66053	71.0	3.746	930			81.9	35.0	.8		93
Wet Bulb	4247082	62714	67.4	4.402	930			61.4	8.5			93
Dew Point	3997344	60760	65.3	5.466	930			46.6	4.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12610 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
MAY — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.1													1	1		
84/ 83								.1										1	1		
82/ 81			.1	1.0	.5	.3												18	18		
80/ 79		.2	1.6	2.4	1.6	.3												57	57	1	
78/ 77		.8	4.3	3.7	1.3	.9	.1											96	96	10	4
76/ 75	.2	3.0	7.0	4.1	1.3	.8	.2	.1										155	155	44	18
74/ 73	.3	5.8	6.7	5.2	1.8	.5	.1											190	19[illegible]	134	56
72/ 71	.4	5.3	6.6	2.3	1.8	.2	.2											156	156	189	143
70/ 69	.3	4.0	4.3	2.4	1.8	.4		.1										124	124	160	177
68/ 67	.1	1.5	3.1	1.2	.9	.2	.3											68	68	126	148
66/ 65		1.1	.8	1.1	.4	.2	.1											34	34	95	91
64/ 63		.8	.3	.5	.1	.1												17	17	79	78
62/ 61		.2	.1	.4		.1												8	8	40	80
60/ 59			.1	.1														2	2	27	50
58/ 57		.1	.1															2	2	8	35
56/ 55			.1															1	1	11	17
54/ 53																				3	18
52/ 51																				2	7
50/ 49																					3
48/ 47																					2
46/ 45																					2
44/ 43																					3
42/ 41																					1
TOTAL	1.4	22.7	35.2	24.2	11.4	3.8	1.1	.3											930		933
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	6097156	74692	80.3	10.289	930							
Dry Bulb	4953353	67761	72.9	4.176	930			26.6	51.8	4.9		93
Wet Bulb	4407941	63889	68.7	4.511	930			66.4	18.9			93
Dew Point	4120765	61685	66.3	5.618	930			54.3	7.8			93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC
3891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
MAY — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 93								.1	.1									2	2		
92/ 91							.1											1	1		
96/ 89						.2	.2	.2	.2									8	8		
88/ 87			.1		.2	.5	1.0	.1	.6		.1							25	25		
86/ 85			.3	.1	1.2	2.7	1.7	1.4	.2	.1								72	72		
84/ 83		.1		1.4	4.9	3.5	2.7	1.4	.6	.1								137	137	1	
82/ 81			.5	3.3	6.7	4.6	3.1	.9	.6	.1	.1							186	186	4	1
80/ 79		.1	1.3	5.4	5.6	4.6	2.3	1.2	.4	.4	.1							199	199	11	5
78/ 77	.3	.4	1.9	3.4	5.7	3.1	1.3	.7	.5	.1								146	146	63	5
76/ 75	.1	.5	1.2	1.3	2.4	1.9	.8		.1									77	77	132	37
74/ 73		.2	.8	.9	.6	.6	.5	.4	.4									42	42	230	85
72/ 71	.1	.8	.5	.2	.2	.2	.1	.1	.2									23	23	158	153
70/ 69		.1	.3	.1	.2	.1		.2										10	10	131	164
68/ 67					.1													1	1	95	112
66/ 65				.1														1	1	46	97
64/ 63																				26	97
62/ 61																				17	55
60/ 59																				6	37
58/ 57																				7	28
56/ 55																				2	21
54/ 53																					7
52/ 51																					6
50/ 49																					9
48/ 47																					4
46/ 45																					5
44/ 43																					4
TOTAL	.5	2.3	7.0	16.2	25.7	22.3	13.8	6.9	4.2	.9	.3							930	930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4088521	60663	65.2	11.899	930							
Dry Bulb	5975420	74458	80.1	3.901	930			92.9	89.5	54.6	.2	93
Wet Bulb	4769340	66488	71.5	4.143	930			82.6	44.1	.7		93
Dew Point	4202873	62271	67.0	5.990	930			56.2	13.3	.4		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12516 | STATION
MACDILL AFB FL | STATION NAME
63-70,73-79 | YEARS
MAY | MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31				
98/ 95									.1	.2								3	3		
94/ 93						.1		.3				.1						5	5		
92/ 91							.1	.1	1.0	.6	.6	.2						26	26		
90/ 89				.1		.5	1.3	1.4	1.8	1.5	.8	.1						70	70		
88/ 87					.8	1.9	4.8	4.3	3.2	1.9	.8							152	152		
86/ 85			.3		1.2	5.5	4.3	4.9	2.8	1.6	.3	.1						196	196		
84/ 83				.2	3.2	3.4	4.9	4.0	2.5	1.1	.8	.3						190	190	2	
82/ 81			.2	1.0	2.4	2.3	3.1	3.3	1.1	.3	.3							130	130	4	3
80/ 79			.2	1.5	1.2	1.3	.9	.5	.5	.8		.1						65	65	23	2
78/ 77	.2	.1	.9	.9	.5	.4	.2	.6	.2	.3								36	36	77	9
76/ 75		.3	.9	.5		.1			.1	.1								19	19	154	21
74/ 73		.2	.5	.1		.2	.2											12	12	219	64
72/ 71		.4	.4															8	8	167	133
70/ 69		.1	.3						.1									5	5	133	136
68/ 67		.1					.1											2	2	78	129
66/ 65						.1												1	1	29	109
64/ 63																				25	96
62/ 61																				10	72
60/ 59																				5	67
58/ 57																				2	33
56/ 55																				2	17
54/ 53																					14
52/ 51																					15
50/ 49																					6
48/ 47																					7
46/ 45																					5
44/ 43																					3
42/ 41																					2
TOTAL	.2	1.3	3.8	3.8	9.2	15.9	20.0	19.2	13.4	8.8	3.5	1.0							930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3020408	51646	55.5	12.796	930							
Dry Bulb	6592911	78207	84.1	4.177	930			92.9	91.4	82.7	.8	93
Wet Bulb	4853529	67083	72.1	3.975	930			55.7	47.9	1.3		93
Dew Point	4072850	61268	65.9	6.272	930			48.4	9.9	.5		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
MAY — MONTH

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
96/ 95													.1					1	1		
94/ 93								.1	.1		.1	.3						6	6		
92/ 91								.1	.4	.4	.4	.5		.1				19	19		
90/ 89						..	.4	2.0	1.7	1.5	.9	.5						68	68		
88/ 87						3.2	3.7	2.7	3.8	1.8	1.7	.8	.1					165	165		
86/ 85			.2	.3	1.[illegible]	5.3	3.7	4.3	2.6	2.2	.2							183	183		
84/ 83			.1	.9	2.4	4.0	4.8	3.0	2.6	1.3	.3	.1						181	181		
82/ 81			.1	1.6	2.8	3.7	2.7	2.5	.9	.4	.2							138	138	4	
80/ 79		.2	.4	.8	1.4	1.2	1.3	.6	.2	.2		.1						60	60	12	4
78/ 77		.1	.9	1.5	.4	.6	.8	.4		.3								47	47	64	3
76/ 75		.2	.6	.4	.4	.2	.3	.2		.2								25	25	155	29
74/ 73		.1	.5	.3	.3			.2	.1									18	18	203	60
72/ ..		.6	1.0			.1												16	16	192	110
70/ 69		.2	.1															3	3	132	142
68/ 67																				104	131
66/ 65																				33	106
64/ 63																				10	91
62/ 61																				8	66
60/ 59																				6	66
58/ 57																				1	52
56/ 55																					24
54/ 53																					21
52/ 51																					7
50/ 49																					7
48/ 47																					3
46/ 45																					4
44/ 43																					2
40/ 39																					1
TOTAL		1.5	4.3	5.8	8.7	18.5	17.6	16.2	12.4	8.4	3.9	2.4	.2	.1				930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3083840	52038	56.0	13.609	930							
Dry Bulb	6543943	77911	83.8	4.269	930			93.0	91.1	79.8	.7	93
Wet Bulb	4825599	66903	71.9	3.695	930			86.6	43.8	.5		93
Dew Point	4048362	61098	65.7	6.087	930			48.0	9.7	.3		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13814	MACDILL AFB FL	63-70,73-79	MAY
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
94/ 93												.1						1	1		
92/ 89											.2							2	2		
88/ 87						.1	.8	.1	.6	.1	.1	.1						18	18		
86/ 85					1.0	1.1	1.4	1.6	.4	.6	.3							63	60		
84/ 83				.1	1.9	1.9	1.8	1.0	1.3	.2								77	77		
82/ 81		.1	.1	1.8	5.1	3.3	1.8	2.2	.6	.2								142	142		
80/ 79		.1	.8	4.4	4.7	5.6	2.4	1.7	.2	.1								186	186	2	1
78/ 77		.2	1.7	4.3	5.3	2.0	2.0	.9	.1	.1								155	155	17	2
76/ 75		.1	2.7	3.8	3.4	2.6	1.1	.2	.2	.1								132	132	71	12
74/ 73		.9	1.7	2.8	.9	.9	.4	.3	.1									74	74	190	43
72/ 71		1.5	2.0	.6	.3	.5	.4	.3	.1									55	55	194	106
70/ 69		.8	1.3		.1	.2	.1	.2										25	25	167	161
68/ 67					.1		.1											2	2	162	151
66/ 65		.1																1	1	69	143
64/ 63																				22	84
62/ 61																				18	63
60/ 59																				11	62
58/ 57																				5	38
56/ 55																				2	28
54/ 53																					10
52/ 51																					9
50/ 49																					6
48/ 47																					5
46/ 45																					5
44/ 43																					1
TOTAL		3.8	10.3	17.6	22.8	18.3	12.4	8.5	3.8	1.5	.6	.2							930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4175885	61117	65.7	13.155	930							
Dry Bulb	5756427	73065	78.6	4.164	930			92.2	84.7	40.8	.1	93
Wet Bulb	4597218	65294	70.2	3.743	930			80.3	28.5	.1		93
Dew Point	4036639	61051	65.6	5.575	930			47.6	5.8			93

3993 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12816 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85									.1									1	1		
84/ 83					.1	.2	.1	.1										5	5		
82/ 81				1.0	.6	.8	.2	.2										26	26		
80/ 79			1.8	2.6	1.0	2.3	1.0	.1										81	81		
78/ 77		.2	3.7	4.8	3.8	2.3	1.4	.1										151	151	2	
76/ 75		1.6	6.9	7.8	2.9	3.2	.6											215	215	37	13
74/ 73	.1	2.8	6.8	8.2	3.3	1.8	.5	.2										221	221	106	38
72/ 71	.1	1.7	5.6	3.1	2.3	1.1	.4											133	133	203	103
70/ 69		1.4	2.4	1.3	.5	.9	.1	.1										62	62	200	153
68/ 67		.1	1.1	.3	.6	.5	.2	.1										28	28	169	171
66/ 65				.2	.1	.1	.1											5	5	112	135
64/ 63					.1													1	1	50	87
62/ 61						.1												1	1	21	85
60/ 59																				17	64
58/ 57																				7	24
56/ 55																				3	23
54/ 53																				2	14
52/ 51																				1	9
50/ 49																					5
46/ 45																					2
44/ 43																					1
42/ 41																					3
TOTAL	.2	7.8	28.2	29.4	15.4	13.2	4.7	1.0	.1									930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5245787	69049	74.2	11.325	930							
Dry Bulb	5191592	69418	74.6	3.265	930			92.3	70.0	6.4		93
Wet Bulb	4429525	64087	68.9	3.775	930			71.7	14.5			93
Dew Point	4039104	61090	65.7	5.312	930			47.8	5.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12816 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
MAY — 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
96/ 95									.0	.0			.0					4	4		
94/ 93						.0		.1	.0		.0	.1						14	14		
92/ 91							.0	.0	.2	.1	.1	.1		.0				46	46		
90/ 89				.0		.1	.2	.5	.5	.4	.2	.1						148	148		
88/ 87			.0		.1	.7	1.3	.9	1.0	.5	.3	.1	.0					370	370		
86/ 85			.1	.1	.6	1.8	1.4	1.5	.8	.6	.1	.0						513	513		
84/ 83		.0	.0	.3	1.6	1.6	1.8	1.2	.9	.3	.1	.1						591	591	3	
82/ 81		.0	.1	1.2	2.3	1.9	1.4	1.1	.4	.1	.1							644	644	12	4
80/ 79		.1	.9	2.3	2.1	1.9	1.0	.5	.2	.2	.0	.0						684	684	49	12
78/ 77	.1	.5	2.3	2.6	2.1	1.2	.8	.4	.1	.1								752	752	240	27
76/ 75	.1	1.2	3.9	3.0	1.5	1.3	.4	.1	.1	.1								863	863	631	154
74/ 73	.1	2.7	4.3	3.6	1.3	.8	.2	.1	.1									981	981	1242	404
72/ 71	.2	2.8	4.7	1.4	1.2	.3	.1	.1	.0									809	809	1408	938
70/ 69	.0	2.1	2.6	1.1	.8	.3	.0	.1	.0									525	525	1303	1232
68/ 67	.0	.4	1.7	.7	.6	.1	.1	.0										274	274	1108	1189
66/ 65		.4	.4	.6	.2	.1	.0											126	126	587	939
64/ 63		.2	.1	.3	.1	.0												54	54	395	717
62/ 61		.0	.1	.2	.0	.0												25	25	213	565
60/ 59			.1	.0	.0	.0												10	10	126	471
58/ 57		.0	.0	.0	.0													5	5	76	287
56/ 55			.0															2	2	31	169
54/ 53																				8	141
52/ 51																				8	73
50/ 49																				2	41
48/ 47																					28
46/ 45																					26
44/ 43																					15
42/ 41																					7
40/ 39																					1
TOTAL	.5	10.6	21.4	17.3	14.5	12.3	8.8	6.5	4.2	2.4	1.0	.4	.0	.0					7440		7440
																		7440		7440	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_p	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37999248	519294	69.8	15.354	7440							
Dry Bulb	44617911	574303	77.2	6.208	7440			721.8	561.0	271.0	1.8	744
Wet Bulb	36456964	519778	69.9	4.398	7440			599.6	217.7	2.6		744
Dew Point	32538147	490171	65.9	5.728	7440			396.0	60.1	.2		744

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

3894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JUN — MONTH

0900-0200 — 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
84/ 83				.3	.1	.1												5	5		
82/ 81			1.3	2.2	1.2	.3	.1											47	47		
80/ 79		.8	5.6	5.2	3.2	.3												136	136	6	1
78/ 77	.4	3.9	12.7	8.4	5.6	.3												282	282	32	20
76/ 75	.7	4.6	11.4	5.4	1.7	.6												219	219	152	53
74/ 73	.1	3.7	8.9	3.6	.7													152	152	251	147
72/ 71	.4	1.6	2.9	.3														47	47	246	209
70/ 69		.2	.9	.1														11	11	160	222
68/ 67			.1															1	1	38	144
66/ 65																				13	66
64/ 63																				2	27
62/ 61																					10
60/ 59																					1
TOTAL	1.7	14.7	43.8	25.7	12.4	1.7	.1												900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5981994	73036	81.2	7.825	900							
Dry Bulb	5272402	68846	76.5	2.581	900			90.0	84.1	10.7		90
Wet Bulb	4713139	65089	72.3	2.547	900			88.5	44.1			90
Dew Point	4452213	63237	70.3	3.159	900			79.6	22.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12815 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83			.3															3	3		
82/ 81			1.1	.1	.1													12	12		
80/ 79		.3	3.6	3.3	1.2													76	76	3	
78/ 77	.8	3.0	8.9	7.2	2.4	.1												202	202	29	17
76/ 75	.4	10.0	13.7	7.2	1.4													295	295	99	49
74/ 73	.2	9.4	10.6	2.3	.8													205	205	255	143
72/ 71	.4	4.0	4.1	.7														83	83	266	230
70/ 69	.1	.3	1.0															13	13	184	209
68/ 67		.2	1.0															11	11	39	162
66/ 65																				22	54
64/ 63																				3	25
62/ 61																					11
TOTAL	2.0	27.3	43.7	20.9	6.0	.1												900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6405657	75633	84.0	7.436	900							
Dry Bulb	5123977	67871	75.4	2.512	900			90.0	79.3	4.7		90
Wet Bulb	4668587	64781	72.0	2.523	900			87.5	38.5			90
Dew Point	4452369	63243	70.3	3.035	900			81.0	20.9			90

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

3995

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85				.6	.4	.2												11	11		
84/ 83			.8	2.6	1.8	.2												48	48		
82/ 81		.1	2.7	4.8	2.0													86	86		
80/ 79		1.2	8.1	7.4	2.3	.7												178	178	19	2
78/ 77	.1	3.9	10.2	7.6	1.8	.2	.1											215	215	77	34
76/ 75	.4	5.7	9.4	5.1	.8													193	193	210	99
74/ 73	.8	4.0	5.9	1.9	.1													114	114	264	208
72/ 71	.3	2.0	2.1	.1														41	41	180	234
70/ 69	.1	.2	.8															10	10	116	166
68/ 67		.2	.1															3	3	26	98
66/ 65		.1																1	1	6	41
64/ 63																				2	14
62/ 61																					3
60/ 59																					1
TOTAL	1.8	17.4	40.1	30.0	9.2	1.3	.1											900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6096991	73749	81.9	7.732	900							
Dry Bulb	5393571	69611	77.3	3.246	900			89.9	84.5	23.3		90
Wet Bulb	4540007	65955	73.3	2.719	900			89.2	57.0	.6		90
Dew Point	4595234	64250	71.4	3.075	900			84.1	34.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12812 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

 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
92/ 91						.1	.2	.6	.3									11	11		
90/ 89					.2	.6	1.7	1.3	.3	.1								38	38		
88/ 87				.1	2.1	5.3	4.2	1.0		.1								116	116		
86/ 85				1.9	7.1	9.1	2.4	.2	.2									189	189		
84/ 83			.9	6.0	11.7	5.0	.8	.3										222	222	1	
82/ 81		.1	2.8	6.7	5.3	2.4	.2	.2										160	160	11	
80/ 79		.1	2.3	4.1	2.0	.9	.1											86	86	73	9
78/ 77		.2	1.8	1.7	1.2	.3	.1											48	48	256	47
76/ 75		.7	.3	.3														12	12	302	133
74/ 73	.2	1.0	.4															15	15	156	260
72/ 71		.2	.1															3	3	71	243
70/ 69																				26	127
68/ 67																				4	66
66/ 65																					16
64/ 63																					11
62/ 61																					5
60/ 59																					3
TOTAL	.2	2.3	8.7	20.8	29.7	23.8	9.8	3.7	.9	.2									900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4415807	62501	69.4	9.158	900							
Dry Bulb	6272786	75070	83.4	3.516	900			90.0	89.7	78.9		90
Wet Bulb	5154160	68074	75.6	2.404	900			90.0	79.9	3.4		90
Dew Point	4702346	64998	72.2	3.071	900			86.5	44.9	.2		90

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

3996

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12817 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JUN — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
98/ 97												.3						2	2		
96/ 95										.2	.6							7	7		
94/ 93								.6	1.2	1.2	.7	.3						36	36		
92/ 91						.3	1.3	3.7	3.8	1.3	.1							95	95		
90/ 89					.1	1.7	6.3	7.7	1.9	.9	.3							170	170		
88/ 87				.1	2.2	8.2	9.6	3.0	1.3	.6								225	225		
86/ 85			.2	.7	4.7	8.0	3.2	1.3	.2									165	165		
84/ 83			.3	1.3	3.3	2.7	1.9	.4										89	89		
82/ 81			.1	1.9	1.9	.9	.2		.1									46	46	17	1
80/ 79			1.0	1.2	1.0	.2	.2											33	33	87	5
78/ 77		.3	.7	.3	.1													13	13	287	33
76/ 75		.3	.6	.1														9	9	293	94
74/ 73	.1	.4	.1	.3														9	9	143	199
72/ 71		.1																1	1	57	214
70/ 69																				15	175
68/ 67																				1	89
66/ 65																					50
64/ 63																					24
62/ 61																					11
60/ 59																					4
58/ 57																					1
TOTAL	.1	1.2	3.0	6.0	13.3	22.0	22.7	16.7	8.6	4.2	1.7	.6						900	900		900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3376570	54262	60.3	10.810	900							
Dry Bulb	6804276	78174	86.9	3.958	900			90.0	89.9	85.4	4.5	90
Wet Bulb	5199278	68374	76.0	2.318	900			90.0	82.7	4.2		90
Dew Point	4565447	64825	71.1	3.463	900			81.0	33.2	.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

12814 — STATION — MACDILL AFB FL — STATION NAME — 68-70,73-79 — YEARS — JUN — MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97										.1		.3						3	3		
96/ 95										.9	.6	.1	.1					15	15		
94/ 93									1.4	1.2	.7	.1						31	31		
92/ 91						.7	1.0	2.6	3.6	1.1	.3							83	83		
90/ 89					.1	1.6	4.6	6.9	1.7	1.7	.3							151	151		
88/ 87				.5	1.0	7.0	8.3	2.4	.9	.6								187	187		
86/ 85			.1	.4	3.6	7.6	3.7	1.3	.2									152	152		
84/ 83			.1	2.1	5.2	3.1	1.4	.8										115	115		
82/ 81			.1	2.7	1.7	.7	.9	.1										55	55	16	
80/ 79			.3	1.8	.7	.9		.1										34	34	63	9
78/ 77	.1	.1	1.4	1.7	.3													33	33	258	15
76/ 75	.2	.6	.7	.6	.2	.1												21	21	309	87
74/ 73		.2	.7	.3	.1													12	12	138	172
72/ 71		.6	.2															7	7	79	237
70/ 69																				30	179
68/ 67		.1																1	1	8	101
66/ 65																				1	48
64/ 63																					33
62/ 61																					13
60/ 59																					6
TOTAL	.3	1.6	3.7	10.1	12.9	21.6	19.9	14.2	7.8	5.6	1.9	.4	.1					900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3487149	55029	61.1	11.673	900							
Dry Bulb	6691019	77487	86.1	4.675	900			90.8	89.2	81.4	4.9	90
Wet Bulb	5135305	67945	75.5	2.548	900			89.9	78.2	2.9		90
Dew Point	4516074	63676	70.8	3.486	900			80.0	28.3	.1		90

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

3897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12811 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JUN — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
96/ 95											.1							1	1		
92/ 91								.1	.4	.3	.1							9	9		
90/ 89						.1	.3	1.4	.3	.2								22	22		
88/ 87					.6	2.2	2.8	1.2	.7	.1								68	68		
86/ 85			.2	.6	3.3	6.0	4.0	1.1	.3									137	137		
84/ 83			.1	2.0	7.6	5.4	1.8	.8	.1									160	160		
82/ 81			.4	5.0	6.6	3.3	1.3	.1										151	151	2	1
80/ 79	.2	.1	2.1	6.4	4.1	2.2	.3											140	140	29	3
78/ 77	.1	.6	2.2	4.7	2.2	.3	.1											92	92	88	15
76/ 75	.2	1.3	3.8	2.2	1.0	.1												78	78	259	47
74/ 73	.3	1.0	2.1	.2	.2													35	35	288	159
72/ 71		.1	.3															4	4	144	227
70/ 69		.1		.1														2	2	71	220
68/ 67			.1															1	1	15	119
66/ 65																				2	62
64/ 63																				2	30
62/ 61																					14
60/ 59																					3
TOTAL	.9	3.2	11.4	21.2	25.2	19.8	10.7	4.8	1.9	.1	.2							900	900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4423232	62332	69.3	10.872	900							
Dry Bulb	6011056	73458	81.6	4.141	900			90.0	89.3	63.3	.1	90
Wet Bulb	4921146	66512	73.9	2.532	900			89.6	66.6	.9		90
Dew Point	4457423	63271	70.3	3.234	900			79.1	22.5	.2		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
63-70,73-79 — YEARS
JUN — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87								.1										1	1		
86/ 85					.7	.7	.2	.1										15	15		
84/ 83			.3	1.2	1.2	1.2	.3	.1										40	40		
82/ 81			1.8	4.4	3.4	2.1	.5											111	111		
80/ 79		.4	5.8	11.2	5.9	2.7	.3											237	237	3	
78/ 77		2.1	7.3	9.1	4.9	.6	.2											215	218	47	10
76/ 75	.6	2.9	5.7	5.4	.9	.1												140	140	173	66
74/ 73	.1	2.7	6.0	2.7	.3													106	106	280	152
72/ 71		.9	1.4	.3	.2													26	26	223	198
70/ 69	.1	.3		.2														6	6	127	224
68/ 67																				40	139
66/ 65																				6	72
64/ 63																				1	24
62/ 61																					9
60/ 59																					5
TOTAL	.8	9.3	28.3	34.7	17.6	7.3	1.7	.3											900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5479999	69769	77.5	8.914	900							
Dry Bulb	5475419	70145	77.9	3.056	900			90.0	86.8	28.7		90
Wet Bulb	4768755	65473	72.7	2.527	900			89.3	50.3			90
Dew Point	4451079	63227	70.3	3.206	900			79.0	23.0			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

12813 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JUN — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97										.0		.1						5	5		
96/ 95										.1	.2	.0	.0					23	23		
94/ 93								.1	.3	.3	.2	.1						67	67		
92/ 91						.1	.3	.9	1.0	.3	.1							198	198		
90/ 89					.1	.5	1.6	2.2	.5	.4	.1							381	381		
88/ 87				.1	.7	2.8	3.1	1.0	.4	.2								597	597		
86/ 85			.1	.5	2.4	3.9	1.7	.5	.1									669	669		
84/ 83			.4	1.9	3.9	2.2	.8	.3	.0									682	682	1	
82/ 81		.0	1.3	3.5	2.6	1.2	.4	.1	.0									668	668	46	2
80/ 79	.0	.4	3.6	5.1	2.6	1.0	.1	.0										920	920	263	29
78/ 77	.2	1.8	5.7	5.1	2.3	.2	.1											1103	1103	1072	191
76/ 75	.3	3.3	5.7	3.3	.8	.1												967	967	1797	530
74/ 73	.2	2.8	4.3	1.4	.3													648	648	1775	1440
72/ 71	.2	1.2	1.4	.2	.0													212	212	1266	1792
70/ 69	.0	.2	.3	.1														42	42	729	1502
68/ 67		.1	.2															17	17	171	917
66/ 65		.0																1	1	50	409
64/ 63																				10	158
62/ 61																					76
60/ 59																					23
58/ 57																					1
TOTAL	1.0	9.6	22.6	21.2	15.9	12.2	8.1	5.0	2.4	1.3	.5	.1	.0					7200		7200	
																		7200		7200	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	39667399	526311	73.1	12.682	7200							
Dry Bulb	47044506	580662	80.5	5.472	7200			719.9	692.8	376.9	9.5	720
Wet Bulb	39400377	532203	73.9	2.922	7200			714.0	497.4	12.0		720
Dew Point	36192165	509925	70.8	3.285	7200			650.3	229.2	.7		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

12811 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JUL — MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
84/ 83			.3	.9	.3		.1												15	15		
82/ 81		.3	1.7	4.4	1.2	.4													75	75		
80/ 79		1.7	11.3	7.1	1.7	.2													205	205	6	
78/ 77	.1	7.4	17.4	4.0	3.1	.2													300	300	56	24
76/ 75	.3	7.6	8.8	3.2	1.3														198	198	261	128
74/ 73	.3	7.3	3.9	1.6															119	119	318	279
72/ 71	.3	1.0	.6																18	18	169	270
70/ 69																					65	115
68/ 67																					24	59
66/ 65																						43
64/ 63																						12
TOTAL	1.1	25.1	44.1	21.2	7.6	.9	.1													937		930
																			930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	6542312	77692	83.5	7.477	930							
Dry Bulb	5563696	71896	77.3	2.458	930			93.0	91.2	18.5		93
Wet Bulb	5049568	68496	73.7	2.256	930			93.0	66.9			93
Dew Point	4821375	66911	71.9	2.805	930			87.5	43.1			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

12810 (STATION) | MACDILL AFB FL (STATION NAME) | 68-70,73-79 (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
94/ 93				.3														3	3		
92/ 91			.1	1.7	2.0	.1	.1											38	38		
90/ 89		1.4	7.8	3.4	.8													125	125	3	
88/ 87	.1	8.6	16.6	2.8	2.3													282	282	53	15
86/ 85	.3	15.5	10.5	4.7	.9													297	297	256	125
84/ 83	.2	9.2	4.9	2.0														153	153	326	301
82/ 81	.5	1.6	.9	.1														29	29	185	255
80/ 79			.3															3	3	92	125
78/ 77																				14	53
76/ 75																				4	48
74/ 73																					7
72/ 71																					1
TOTAL	1.2	36.5	42.8	15.5	4.0	.1												930		930	930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6863165	79633	85.6	6.916	930							93
Dry Bulb	5139931	71097	76.4	2.244	930			93.0	89.8	8.1		93
Wet Bulb	5010402	68236	73.3	2.242	930			92.6	63.5			93
Dew Point	4810022	66834	71.8	2.751	930			87.4	44.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12816 (STATION) MACDILL AFB FL. (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.1	.1												2	2		
86/ 85				1.1	.8	.5	.1											23	23		
84/ 83			1.2	3.7	.8	.2	.1											55	55		
82/ 81		.8	5.7	6.0	.6	.2												124	124	1	
80/ 79	.1	2.5	12.3	9.3	1.7	.3												204	204	38	6
78/ 77	.2	9.1	12.8	6	1.6		.1											246	246	164	62
76/ 75	.2	9.0	6.6	6	.2													173	173	311	213
74/ 73	.3	5.1	2.2	1.7														86	86	241	303
72/ 71	.3	1.1	.3															16	16	116	191
70/ 69			.1															1	1	45	78
68/ 67																				12	50
66/ 65																				2	21
64/ 63																					3
58/ 57																					1
TOTAL	1.2	27.5	41.1	22.9	5.8	1.2	.3											930	930		930
																				930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6586116	77952	83.8	7.498	930							
Dry Bulb	5700411	72757	78.2	3.005	930			93.0	41.3	31.7		93
Wet Bulb	5179162	69364	74.6	2.467	930			92.8	75.5	1.1		93
Dew Point	4957806	678.2	73.0	2.819	930			90.3	58.4	.2		93

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

4000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12813 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JUL — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.1	.3									4	4		
92/ 91						.2	.9	.6										16	16		
90/ 89					.5	2.2	1.3	1.2	.2									50	50		
88/ 87				.2	3.6	9.5	1.6	.6										144	144		
86/ 85			.4	5.3	12.6	8.7	1.1	.4	.2									267	267		
84/ 83			3.1	9.6	8.6	2.6	.5											227	227		
82/ 81			3.4	7.1	1.7	.5	.1											120	120	24	
80/ 79		1.1	1.8	1.9	.9	.4												57	57	192	21
78/ 77		.9	1.8	.4	.1													30	30	383	118
76/ 75		.5	.2	.1	.2													10	10	229	267
74/ 73		.1	.3															4	4	74	278
72/ 71																				19	156
70/ 69																				8	55
68/ 67																					21
66/ 65																					9
64/ 63																					2
62/ 61																					1
60/ 59																					1
TOTAL		2.6	11.2	24.7	28.2	24.1	5.5	3.0	.8									929	929		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4751392	65950	71.0	8.659	929							
Dry Bulb	6622622	78384	84.4	3.115	929			93.0	93.0	86.7	.4	93
Wet Bulb	5509561	71517	77.0	2.072	929			93.0	90.3	7.8		93
Dew Point	5074154	68612	73.9	2.700	929			91.7	68.5	.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

12812 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95								.1	.2	.2								5	5		
94/ 93							.2	1.0	1.2	.4								26	26		
92/ 91					.1	1.0	2.8	4.7	1.5	.8	.1							102	102		
90/ 89					.3	4.7	12.5	5.5	.3	.4								225	225		
88/ 87				.4	3.3	10.0	9.7	2.0	1.4									250	250		
86/ 85			.2	1.8	5.7	6.3	1.7	.6	.4									157	157		
84/ 83			.5	1.6	1.7	.8	.3	.1										47	47	1	
82/ 81			1.2	1.7	.8	.1												35	35	35	
80/ 79		.4	1.3	1.3	.6													34	34	212	14
78/ 77		1.2	.5	.5														21	21	358	69
76/ 75		.4	.6	.4	.1													15	15	204	209
74/ 73		.8	.2	.1														10	10	79	255
72/ 71		.2	.1															3	3	31	211
70/ 69																				0	93
68/ 67																				1	43
66/ 65																					22
64/ 63																					9
62/ 61																					5
TOTAL		3.0	4.7	8.0	12.7	22.9	27.2	14.1	5.5	1.8	.1							930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3851573	59045	63.5	10.522	930							
Dry Bulb	7049624	80884	87.0	4.015	930			93.0	92.7	86.7	3.1	93
Wet Bulb	5524666	71648	77.0	2.283	930			93.0	88.9	9.7		93
Dew Point	4945255	67757	72.9	3.057	93			89.4	54.7	.3		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12812 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JUL — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95									.1	.2	.1							4	4		
94/ 93							.1	.6	1.1	.4	.1							22	22		
92/ 91						.1	2.2	4.7	1.5	.6								85	85		
90/ 89					.3	2.8	7.8	4.8	.9	.6								161	161		
88/ 87				.2	2.8	11.2	6.0	2.2	1.5									222	222		
86/ 85				.9	4.9	6.8	1.1	.6										133	133		
84/ 83			.3	3.3	2.3	1.5	.3											72	72		
82/ 81		.1	1.2	3.9	3.0	.2	.2											80	80	14	
80/ 79		.5	1.7	1.9	.8	.4												50	52	146	6
78/ 77		.3	1.2	1.2	.2													27	27	344	57
76/ 75	.3	1.9	1.5	.4	.4													43	43	223	151
74/ 73		.4	.9	.9	.2													22	22	120	282
72/ 71	.1	.4		.3														8	8	53	207
70/ 69			.1															1	1	14	120
68/ 67																				12	48
66/ 65																				4	35
64/ 63																					18
62/ 61																					6
TOTAL	.4	3.8	6.9	13.0	14.9	23.0	17.7	13.0	5.1	1.9	.2							930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4111328	60870	65.5	11.705	930							
Dry Bulb	6824166	79534	85.5	4.909	930			93.0	92.1	81.1	2.6	93
Wet Bulb	5414640	70920	76.3	2.628	930			92.6	84.7	6.0		93
Dew Point	4869097	67227	72.3	3.190	930			87.1	49.6	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12816 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JUL — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91							.4	.3		.2	.1							10	10		
90/ 89						.6	.8	.4	.2									19	19		
88/ 87					.9	3.9	1.9	.9	.4									74	74		
86/ 85				.9	4.4	6.9	1.3	1.0	.1									135	135		
84/ 83			.8	3.9	8.8	3.3	1.1	.2										168	168		
82/ 81		.3	2.9	7.5	4.2	1.7	.3	.1										159	159	1	
80/ 79		.3	2.5	5.9	2.5	.9												112	112	50	
78/ 77		1.1	4.9	2.7	.9	.1												93	90	204	33
76/ 75	.2	3.7	4.1	2.3	.2	.2												99	99	268	122
74/ 73	.6	2.2	2.0	1.4	.1													59	59	229	279
72/ 71	.1	.3	.1															5	5	121	227
70/ 69																				43	139
68/ 67																				13	70
66/ 65																				1	36
64/ 63																					19
62/ 61																					4
60/ 59																					1
TOTAL	1.0	7.8	17.3	24.5	21.9	17.6	5.8	2.9	.8	.2	.1								930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5108021	68177	73.3	10.884	930							
Dry Bulb	6176249	75683	81.4	4.303	930			93.0	92.5	62.9		93
Wet Bulb	5204473	69531	74.8	2.546	930			92.9	75.2	1.4		93
Dew Point	4802213	66769	71.8	3.035	930			87.0	43.4			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

12610 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.1	1.0	.3	.3											16	16		
84/ 83			.2	2.0	1.9	.3	.1	.1										44	44		
82/ 81		.1	4.5	6.1	3.0	.8	.1											154	154		
80/ 79		1.1	11.0	10.8	2.8	1.0	.1											248	248	10	
78/ 77		3.7	12.9	5.2	2.7	.1												220	220	113	28
76/ 75	.1	4.1	7.1	3.0	.8	.1												141	141	276	115
74/ 73	1.3	4.6	2.7	1.5														94	94	292	285
72/ 71		.8	.4															11	11	156	245
70/ 69		.2																2	2	65	140
68/ 67																				17	62
66/ 65																				1	40
64/ 63																					14
62/ 61																					1
TOTAL	1.4	14.5	38.0	30.6	12.2	2.6	.6	.1											30		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6096659	74909	80.5	8.232	730							
Dry Bulb	5716719	72865	78.3	2.895	930			93.0	91.7	35.4		93
Wet Bulb	5086069	68741	73.9	2.337	930			92.9	69.1			93
Dew Point	4805598	66798	71.8	2.893	930			87.5	42.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12815 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
JUL — 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
96/ 95								.0	.0	.1	.0							9	9		
94/ 93							.0	.2	.3	.1	.0							52	52		
92/ 91					.0	.2	.8	1.3	.4	.2	.0							213	213		
90/ 89					.1	1.3	2.8	1.5	.3	.1								455	455		
88/ 87				.1	1.5	4.3	2.4	.7	.4									692	692		
86/ 85			.1	1.3	3.7	3.7	.7	.3	.1									731	731		
84/ 83			.8	3.2	3.1	1.1	.3	.1										631	631	1	
82/ 81		.2	2.8	5.1	1.8	.5	.1	.0										785	785	75	
80/ 79	.0	1.1	6.2	4.7	1.5	.4	.0											1035	1035	657	47
78/ 77	.1	4.0	8.4	2.4	1.4	.1	.3											1216	1216	1682	406
76/ 75	.2	5.4	4.9	2.1	.5	.0												976	976	2048	1330
74/ 73	.3	3.7	2.1	1.2	.6													547	547	1677	2262
72/ 71	.2	.7	.3	.1														90	90	850	1762
70/ 69		.0	.1															7	7	344	865
68/ 67																				93	406
66/ 65																				12	254
64/ 63																					56
62/ 61																					18
60/ 59																					2
58/ 57																					1
TOTAL	.8	15.1	25.8	20.0	13.4	11.5	7.2	4.1	1.5	.5	.1							7439		7439	7439
																			7439		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	43910576	564228	75.8	12.246	7439							
Dry Bulb	49093418	603100	81.1	5.165	7439			744.0	734.3	411.1	6.1	744
Wet Bulb	41978541	558447	75.1	2.740	7439			742.8	614.1	26.0		744
Dew Point	39085520	538760	72.4	2.991	7439			707.9	404.6	.9		744

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

12816 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83				.1														1	1		
82/ 81		.2	1.3	2.5	.3													40	40		
80/ 79		.6	10.1	5.8	2.0	.4												177	177	3	
78/ 77		6.0	18.6	7.8	3.2													331	331	31	12
76/ 75	.3	10.5	11.7	4.3	1.1													260	260	291	85
74/ 73	1.0	4.6	3.6	1.7	.1													102	102	284	313
72/ 71	.1	.8	.4	.5														17	17	216	235
70/ 69		.1																1	1	80	150
68/ 67																				18	86
66/ 65																				6	33
64/ 63																					12
62/ 61																					3
TOTAL	1.4	22.9	45.7	22.7	6.8	.4												929	929	929	929

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6517626	77520	83.4	7.267	929							
Dry Bulb	5505031	71485	76.9	2.172	929			93.0	91.2	11.4		93
Wet Bulb	4996923	68103	73.3	2.187	929			92.4	61.0			93
Dew Point	4765554	66488	71.6	2.755	929			88.2	41.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12815 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
AUG — MONTH

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
≥87 81			.5	.6														11	11		
86/ 79		.8	6.8	1.3	.1													83	83	3	
78/ 77	.6	5.6	20.6	5.4	1.1													310	310	22	10
76/ 75	.5	14.9	13.4	6.9	1.5													347	347	226	62
74/ 73	.8	9.0	3.5	1.6	.2													141	141	346	309
72/ 71	.4	1.9	.9	.5														35	35	238	262
70/ 69		.1	.1															2	2	72	151
68/ 67	.1																	1	1	18	72
66/ 65																				5	31
64/ 63																					9
≤61 61																					4
TOTAL	2.5	32.4	45.9	16.3	2.9														930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6906375	79895	85.9	6.780	930							
Dry Bulb	5391088	70734	76.1	1.965	930			93.0	89.2	3.3		93
Wet Bulb	4971867	67971	73.1	2.092	930			92.5	59.7			93
Dew Point	4778889	66621	71.6	2.637	930			88.6	40.1			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

12811 | MACDILL AFB FL | 68-70,73-79 | AUG
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.1	.2													3	3		
84/ 83			.3	1.6														20	20		
82/ 81			4.0	4.0	.3													77	77		
80/ 79	.1	2.5	14.5	5.4	1.3	.2												223	223	11	2
78/ 77	.3	8.5	15.4	4.7	.8													276	276	104	33
76/ 75	.6	10.3	10.1	3.7	.5													235	235	342	191
74/ 73	.3	4.6	2.5	1.0	.2													80	80	275	314
72/ 71	.1	1.2		.2														14	14	142	204
70/ 69		.2																2	2	46	116
68/ 67																				7	50
66/ 65																				3	15
64/ 63																					3
62/ 61																					2
TOTAL	1.5	27.3	46.8	20.9	3.3	.2												930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6718054	78792	84.7	6.771	930							
Dry Bulb	5595118	72098	77.5	2.486	930			93.0	91.4	20.0		93
Wet Bulb	5118743	68965	74.2	2.220	930			92.7	73.2	.3		93
Dew Point	4909346	67526	72.6	2.620	930			71.0	54.0	.1		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

12814 (STATION) MACDILL AF8 FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

 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/ 89					.1	2.0	1.4	.3										36	36		
88/ 87				.2	3.4	8.3	2.5	.2										136	136		
86/ 85			.5	3.8	11.6	7.3	1.7	.1										233	233		
84/ 83			1.5	12.8	9.3	2.6	.4											238	238		
82/ 81		.4	4.5	8.5	3.2	.6	.1		.1									163	163	14	
80/ 79		.3	3.7	2.0	.5	.1												62	62	162	15
78/ 77		.4	1.5	1.0	.1													28	28	382	88
76/ 75		.8	1.1															17	17	230	294
74/ 73		.5	.5	.1														11	11	105	276
72/ 71		.3	.1															4	4	26	154
70/ 69		.1	.1															2	2	7	71
68/ 67																				2	23
66/ 65																				2	6
64/ 63																					2
62/ 61																					1
TOTAL		2.9	13.5	28.4	27.3	21.0	6.1	.6	.1									930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4908660	67138	72.2	8.161	930							
Dry Bulb	6520891	77815	83.7	3.273	930			93.0	92.4	83.9		93
Wet Bulb	5472445	71311	76.7	2.182	930			92.8	89.3	5.4		93
Dew Point	5059241	68551	73.7	2.603	930			92.1	67.3	.2		93

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

USAFETAC

4005

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12513 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
AUG — MONTH

1200-1800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.5	.2	.1								8	8		
92/ 91						.6	3.8	6.6	2.3	.3								179	129		
90/ 89					.3	4.3	11.1	9.5	1.5	.6								254	254		
88/ 87					2.4	10.4	10.5	3.3	.2	.1								251	251		
86/ 85			.2	1.5	3.2	4.4	2.7	.4										116	116		
84/ 83			.3	2.3	2.5	.4	.1	.1										52	52		
82/ 81			.4	1.3	1.2	.2												29	29	19	
80/ 79			1.2	1.2	1.0													31	31	192	5
78/ 77		.6	1.2	.5	.1													23	23	339	51
76/ 75		1.1	1.2	.5														26	26	223	160
74/ 73		.1	.3	.2														6	6	122	259
72/ 71		.2	.4															6	6	20	224
70/ 69		.2																2	2	11	134
68/ 67																				4	72
66/ 65																					18
64/ 63																					6
62/ 61																					1
TOTAL		2.3	5.2	7.5	10.6	20.4	28.2	29.4	4.2	1.2									930		937
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3727680	58110	62.5	10.205	930							
Dry Bulb	7041626	80830	86.9	4.198	930			93.0	92.2	85.6	.8	93
Wet Bulb	5478363	71347	76.7	2.278	930			93.0	89.5	6.8		93
Dew Point	4874361	67277	72.3	2.836	930			90.5	47.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12812 (STATION) MACDILL AFB FL (STATION NAME) 66-70,73-79 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31					
98/ 93							.1	.1	1.2	.3									20	20		
92/ 91						.3	3.5	4.4	2.6	1.5	.2								116	118		
90/ 89						2.3	5.2	7.2	2.5	.5	.1								167	167		
88/ 87					1.9	6.6	5.6	1.9	.9										157	157		
86/ 85				.9	5.1	4.5	1.2	.4	.1										113	113		
84/ 83			.3	2.3	5.1	1.9	1.1												99	99		
82/ 81		.3	.9	3.4	2.8	1.1													77	77	12	
80/ 79		.2	1.8	2.2	.5	.9													52	52	130	
78/ 77		.5	3.1	1.5	1.0														57	57	283	37
76/ 75		1.0	1.6	.5	.4														33	33	240	147
74/ 73		1.5	.9	.4	.4														30	30	165	233
72/ 71		.5		.1															6	6	55	234
70/ 69	.1																		1	1	29	125
68/ 67																					7	93
66/ 65																					4	40
64/ 6																						11
62/ 61																						8
60/ 59																						2
TOTAL	.1	4.1	8.6	11.3	17.0	17.5	16.7	14.5	7.2	2.7	.3								930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 89 F	≥ 93 F	Total
Rel. Hum.	4052082	60322	64.9	12.252	930							
Dry Bulb	6787693	79305	85.3	5.195	930			93.0	92.3	77.5	2.0	93
Wet Bulb	5356038	70534	75.8	2.651	930			92.6	83.0	4.9		93
Dew Point	4793302	66790	71.7	3.206	930			66.9	41.7			93

USAFETAC FORM 0-26-5 (OL A) 80 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...BAL CLIMATOLOGY BRANCH
FETAC
... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — YEARS
AUG — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91						.1		.1										2	2		
90/ 89						.1	.4	1.1	.2	.1								18	18		
88/ 87					.3	3.2	1.5	1.0	.5									51	61		
86/ 85				.3	4.0	3.9	1.3	.4										96	96		
84/ 83			.2	5.8	5.4	2.9	1.1	.2										145	145		
82/ 81			3.0	7.2	4.4	1.9	.3											157	157	1	
80/ 79		.9	5.2	6.5	3.7	.8												157	157	15	1
78/ 77		1.5	7.7	3.7	1.5	.2												135	135	194	15
76/ 75	.3	2.7	3.2	1.9	.6	.1												83	83	276	132
74/ 73	.2	3.2	2.5	1.0	.1													65	65	254	262
72/ 71		.4	.3															7	7	126	234
70/ 69					.1													1	1	44	138
68/ 67																				15	83
66/ 65																					44
64/ 63																				1	16
62/ 61																					1
60/ 59																					
TOTAL	.5	8.7	22.1	26.4	20.2	13.3	4.6	3.2	.8	.1									927		
																		927		927	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5254154	69082	74.5	10.700	927							
Dry Bulb	6052257	74807	80.7	4.089	927			93.1	92.2	57.6		93
Wet Bulb	5147299	69[illegible]7	74.5	2.452	927			92.9	74.3	.3		93
Dew Point	4765155	66405	71.6	2.990	927			86.8	41.1			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

1281 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87								.1										1	1		
86/ 85					.2	.2	.1	.1										6	6		
84/ 83	.1		.1	2.1	1.9	.2	.3	.1										45	45	1	1
82/ 81			1.6	8.3	2.5	1.4	.2											130	130		
80/ 79		1.2	10.9	8.0	3.7	1.3												232	232	4	
78/ 77	.1	3.3	13.9	6.2	2.7	.1												244	244	75	14
76/ 75	.2	5.6	7.0	3.7	1.2													154	164	295	90
74/ 73	.4	4.3	3.1	1.5	.2													9	89	284	309
72/ 71		1.1	.1	.1	.1													13	13	175	243
70/ 69		.2																2	2	76	122
68/ 67																				15	94
66/ 65																				3	37
64/ 63																					13
62/ 61																					3
TOTAL	.9	15.8	36.8	29.8	12.5	3.2	.6	.3										926	926		926
																		926		926	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6085124	74658	80.6	8.439	926							
Dry Bulb	5653375	72307	78.1	2.802	926			93.0	91.5	29.7		93
Wet Bulb	5028690	68206	73.7	2.294	926			92.7	66.0	.1		93
Dew Point	4754105	66297	71.6	2.861	926			87.7	41.6	.1		93

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

4007

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12815 (STATION) | MACDILL AFB FL (STATION NAME) | 68-70,73-79 (YEARS) | AUG (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
94/ 93							.0	.1	.2	.1								28	28		
92/ 91						.1	.9	1.4	.6	.2	.0							246	246		
90/ 89					.1	1.1	2.3	2.3	.5	.2	.0							475	475		
88/ 87				.0	1.0	3.6	2.5	.8	.2	.0								606	606		
86/ 85			.1	.8	3.0	2.5	.9	.2	.0									567	567		
84/ 83	.0		.3	3.4	2.9	1.0	.4	.1										600	600	1	1
82/ 81		.1	2.0	4.5	1.8	.7	.1		.0									684	684	46	
80/ 79	.0	.8	6.8	4.0	1.6	.5												1017	1017	521	23
78/ 77	.1	3.3	10.3	3.8	1.3	.0												1404	1404	1428	260
76/ 75	.3	5.9	6.2	2.7	.7	.0												1165	1165	2123	1181
74/ 73	.3	3.5	2.1	.9	.2													524	524	1935	2275
72/ 71	.1	.8	.3	.2	.0													102	102	1008	1790
70/ 69	.0	.1	.0		.0													13	13	360	1007
68/ 67	.0																	1	1	86	573
66/ 65																				23	224
64/ 63																				1	72
62/ 61																					22
60/ 59																					3
58/ 57																					1
TOTAL	.9	14.5	28.1	20.4	12.6	9.5	7.0	4.9	1.5	.5	.0								7432		7432
																		7432		7432	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 53 F	Total
Rel. Hum.	44169755	565517	76.1	12.377	7432							
Dry Bulb	48547079	599431	80.7	5.164	7432			744.0	732.4	369.4	2.8	744
Wet Bulb	41570368	555476	74.7	2.682	7432			741.6	596.0	17.8		744
Dew Point	38699953	535865	72.1	2.907	7432			711.8	374.4	.4		744

USAFETAC FORM 0-23-5 (OL A) AUG 64 ...VIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) | MACDILL AFB FL (STATION NAME) | 67-70,73-78 (YEARS) | SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83					.1	.1												2	2		
82/ 81		.1	.7	1.3	1.0		.1											29	29		
80/ 79		1.3	4.7	6.8	1.0	.1	.1											126	126	2	
78/ 77	.1	5.5	12.8	5.0	.8	.1												218	218	27	14
76/ 75	.3	1.7	16.0	5.2														299	299	160	54
74/ 73	.2	6.5	8.9	3.6														172	172	309	196
72/ 71	.3	.9	2.9	.1														38	38	248	285
70/ 69		.2	.4															6	6	121	190
68/ 67		.1	.4															5	5	40	104
66/ 65		.1		.2	.1													4	4	5	36
64/ 63																				4	10
62/ 61																					7
60/ 59																				3	
58/ 57																					1
56/ 55																					2
54/ 53																					
TOTAL	1.0	26.4	46.8	22.2	3.0	.3	.2											899	899		899
																		899		899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6394011	75573	84.1	6.764	899							
Dry Bulb	5207061	68381	76.1	2.535	899			89.6	84.7	8.7		99
Wet Bulb	4746296	65284	72.6	2.469	899			88.8	49.9			99
Dew Point	4530651	63767	70.9	2.908	899			84.4	26.4			99

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

4008

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
SEP — MONTH

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
82/ 81			.1	.1														2	2		
80/ 79		.6	3.1	3.6														65	65		
78/ 77	.4	6.2	11.1	3.2	.3	.2												194	194	24	10
76/ 75	.4	14.3	15.1	2.1		.1												289	289	146	60
74/ 73	1.0	12.7	11.3	1.4														238	238	297	193
72/ 71	.7	2.9	5.3	.8														87	87	254	291
70/ 69		.4	.9	.2														14	14	108	185
68/ 67		.1	.4		.1													6	6	49	80
66/ 65		.3		.2														5	5	13	46
64/ 63																				6	14
62/ 61																				1	9
60/ 59																				2	
58/ 57																					1
56/ 55																					1
52/ 51																					1
TOTAL	2.0	37.6	47.4	11.7	.4	.3													900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6791081	77975	86.6	6.276	900							
Dry Bulb	5082305	67597	75.1	2.415	900			89.5	78.9	2.7		90
Wet Bulb	4712621	65085	72.3	2.563	900			87.8	46.7			90
Dew Point	4533032	63816	70.9	2.993	900			82.8	26.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12816 | MACDILL AFB FL | 67-70,73-78 | SEP
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
84/ 83		.2	.2	.6														9	9		
82/ 81		.3	1.2	2.9														40	40	2	
80/ 79		2.1	7.4	4.0	.3													125	125	9	4
78/ 77	.3	6.7	13.7	2.9	.3													215	215	56	30
76/ 75	.3	11.7	11.4	2.3	.1	.1												234	234	217	95
74/ 73	.7	11.2	8.3	1.3														194	194	276	236
72/ 71	.4	3.0	2.2	.1														52	52	199	260
70/ 69	.1	.1	1.4	.6														20	20	91	164
68/ 67		.1	.4	.1														6	6	27	64
66/ 65		.2			.2													4	4	13	30
64/ 63				.1														1	1	7	15
62/ 61																					4
60/ 59																				2	5
58/ 57																				1	
56/ 53																					3
TOTAL	1.9	35.7	46.4	14.9	1.0	.1													900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6710327	77503	86.1	6.346	900							
Dry Bulb	5202196	68374	76.0	2.936	900			89.5	81.7	10.6		90
Wet Bulb	4807573	65729	73.0	2.837	900			87.7	56.0	.4		90
Dew Point	4619718	64416	71.6	3.208	900			84.3	36.5	.3		90

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

4609

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12814 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89					.4	.3	.6	.1										13	13		
88/ 87				.1	1.2	5.3	2.1		.2									81	81		
86/ 85			.7	2.3	8.8	7.4	1.3	.1	.1									187	187		
84/ 83		.1	1.2	8.2	9.3	2.2	.9	.1										199	199		
82/ 81			5.1	9.0	4.1	1.6	.2											180	180	18	1
80/ 79		1.1	4.2	7.0	2.4	.3												136	136	72	11
78/ 77		.6	3.0	2.0	1.2													61	61	308	59
76/ 75		.4	1.6	.2	.2													22	22	259	191
74/ 73		.8		.4	.2													13	13	171	275
72/ 71					.2	.2												4	4	46	210
70/ 69				.2	.1													3	3	11	82
68/ 67					.1													1	1	6	38
66/ 65																				2	17
64/ 63																				5	6
62/ 61																				2	2
60/ 59																				1	4
58/ 57																					1
56/ 55																					3
TOTAL		3.0	15.8	29.6	28.4	17.4	5.1	.3	.3									900	900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4823963	65475	72.8	8.214	900							
Dry Bulb	6136725	74253	82.5	3.435	900			90.0	89.2	74.9		90
Wet Bulb	5171570	65182	75.8	2.637	900			89.0	82.7	3.2		90
Dew Point	4778782	65520	72.8	3.151	900			86.7	53.7	.6		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12812 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
SEP — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.1	.2									3	3		
92/ 91						.3	1.1	3.3	1.4	.6								61	61		
90/ 89					.3	2.8	8.2	9.8	1.8	.6								211	211		
88/ 87			.1	.2	2.1	7.7	12.1	3.7	1.6		.1							248	248		
86/ 85				.9	3.8	7.8	4.2	2.0	.2									170	170	1	
84/ 83			.1	1.6	3.8	2.9	.9	.1	.1									85	85		1
82/ 81			.8	2.6	2.0	.6	.1											54	54	13	
80/ 79		.2	.9	1.3	.7	.3	.1											32	32	98	8
78/ 77		.1	.4	.6	.4	.1	.1											16	16	298	33
76/ 75		.4	.7		.1													11	11	272	106
74/ 73		.3	.1			.1												5	5	166	177
72/ 71		.1			.2													3	3	34	272
70/ 69																				11	163
68/ 67				.1														1	1	3	54
66/ 65																					29
64/ 63																				5	20
62/ 61																				1	4
60/ 59																					2
58/ 57																					4
TOTAL		1.2	3.1	7.2	13.4	22.6	26.9	19.0	5.3	1.1	.1							900			900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3492513	55409	61.6	9.505	900							
Dry Bulb	6727893	77745	86.4	3.657	900			90.0	89.6	85.1	.3	90
Wet Bulb	5205154	68410	76.0	2.413	900			89.6	84.8	4.4		90
Dew Point	4602458	64292	71.4	3.289	900			84.1	2.5	.1		90

USAFETAC FORM 0-26-5 (OL A) 4010 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93								.1	.2	.4	.1							8	8		
92/ 91							.4	2.7	3.0	.4	.2							61	61		
90/ 89					.2	1.2	3.8	6.2	1.4	.9	.1							125	125		
88/ 87				.1	1.3	5.7	7.7	4.4	1.3	.1	.1							187	187		
86/ 85				.8	3.4	8.8	3.7	1.7	.3	.1								169	169		
84/ 83			.2	2.3	4.3	3.3	1.4	.4	.2									111	111	1	
82/ 81		.1	.6	1.9	3.3	1.3	.2											67	67	5	
80/ 79		.2	2.0	2.3	1.3	.8												60	60	56	6
78/ 77		.8	3.9	.9	.7	.4												60	60	227	13
76/ 75		1.8	1.4	.3														32	32	293	89
74/ 73	.1	.8	.3	.2														13	13	215	183
72/ 71			.4															4	4	70	240
70/ 69																				24	190
68/ 67				.2														2	2	6	95
66/ 65					.1													1	1		40
64/ 63																				1	27
62/ 61																				1	12
60/ 59																				1	1
58/ 57																					3
56/ 53																					1
TOTAL	.1	3.7	8.9	9.1	14.8	21.6	17.2	15.6	6.6	2.0	.6							900		900	
																		900	900		900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3820328	57606	64.0	12.170	900			89.9	89.3	75.3	.8	90
Dry Bulb	6495386	76344	84.8	4.643	900			89.7	79.7	1.8		90
Wet Bulb	5101676	67724	75.2	2.478	900			81.6	29.1	.1		90
Dew Point	4534465	63811	70.9	3.367	900							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12811 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-75 — YEARS
SEP — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89								.4	.1	.1								6	6		
88/ 87						.9	.7	.3	.1	.1								19	19		
86/ 85				.2	1.6	2.0	.9	.8	.1	.1								51	51		
84/ 83			.3	2.3	7.1	4.4	1.4	.3										148	148		
82/ 81		.2	1.3	6.3	7.5	2.9	.6	.1										168	168		
80/ 79		.2	4.6	8.8	4.2	1.6												174	174	8	1
78/ 77		2.9	5.7	5.7	2.3	.7	.1											156	156	81	13
76/ 75	.1	3.6	5.6	1.8	.7	.1												108	108	245	64
74/ 73		2.9	2.0	.6	.1													50	50	308	183
72/ 71		.3	1.2	.4														18	18	168	258
70/ 69			.1															1	1	61	205
68/ 67																				22	83
66/ 65					.2													2	2	5	50
64/ 63				.1														1	1		32
62/ 61																					5
60/ 59																					3
58/ 57																				3	
56/ 55																					3
TOTAL	.1	10.1	20.4	26.2	23.8	12.6	3.7	2.4	.3	.3								900	900		900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5090255	67029	74.5	10.449	900							
Dry Bulb	5736112	71772	79.7	3.734	900			89.7	87.8	49.9		90
Wet Bulb	4883168	66254	73.6	2.549	900			89.2	64.2	.2		90
Dew Point	4510241	63645	70.7	3.247	900			80.7	26.1			90

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC
4011

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12819 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
SEP — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85						.1		.1										2	2		
84/ 83				.1	1.6	.8	.2											24	24		
82/ 81		.3	1.7	3.9	2.7	.9												85	85		
80/ 79		1.3	5.0	8.4	3.3	.8												170	170	7	
78/ 77		4.0	12.0	9.6	2.6	.1												254	254	33	18
76/ 75	.1	7.3	9.7	7.2	.8	.1												227	227	194	54
74/ 73		4.8	3.6	3.3														105	105	314	197
72/ 71	.1	.6	1.4	.9														27	27	215	260
70/ 69		.1		.1														2	2	92	186
68/ 67			.1															1	1	34	113
66/ 65					.3													3	3	7	40
64/ 63																				1	24
62/ 61																					5
60/ 59																				3	
58/ 57																					3
TOTAL	.2	18.4	33.4	33.6	11.2	2.8	.2	.1											900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5903711	72535	80.6	8.018	900							
Dry Bulb	5375388	69510	77.2	2.770	900			89.7	86.7	19.0		90
Wet Bulb	4787240	65600	72.9	2.524	900			88.9	54.8			90
Dew Point	4515844	63690	70.8	3.114	900			82.8	26.9			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

12813 | MACDILL AFB FL | 67-70,73-78 | SEP
STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
94/ 93								.0	.1	.1	.0							11	11		
92/ 91						.0	.2	.8	.6	.1	.0							122	122		
90/ 89					.1	.5	1.6	2.1	.8	.2	.0							355	355		
88/ 87			.0	.1	.6	2.4	2.8	1.1	.8	.0	.0							535	535		
86/ 85			.1	.5	2.2	3.3	1.3	.8	.1	.0								579	579	1	
84/ 83		.0	.3	1.9	3.3	1.7	.6	.2	.0									578	578	1	1
82/ 81		.1	1.4	3.5	2.6	.9	.2	.0										625	625	38	1
80/ 79		.9	4.0	5.3	1.7	.5	.0											888	888	252	30
78/ 77	.1	3.3	7.8	3.7	1.1	.2	.0											1174	1174	1054	190
76/ 75	.2	6.4	7.7	2.4	.2	.1												1220	1220	1785	713
74/ 73	.3	5.0	4.3	1.4	.3	.0												790	790	2056	1640
72/ 71	.2	1.0	1.7	.3	.1	.0												233	233	1234	2076
70/ 69	.0	.1	.4	.1	.0													46	46	498	1352
68/ 67		.0	.2	.1	.0													22	22	187	673
66/ 65		.1		.1	.1													9	19	45	288
64/ 63				.0														2	2	27	148
62/ 61																				5	48
60/ 59																				12	15
58/ 57																				4	9
56/ 55																					5
54/ 53																					12
52/ 51																					1
TOTAL	.7	17.0	27.8	12.3	12.0	9.7	5.7	4.7	1.5	.4	.1							7199	7199		7199
																		7199		7199	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	43026189	549105	76.3	12.602	7199							
Dry Bulb	45963066	573976	79.7	5.271	7199			717.9	687.8	325.8	1.1	720
Wet Bulb	39415298	532268	73.9	2.919	7199			710.7	518.8	10.0		720
Dew Point	36625191	512957	71.3	3.228	7199			667.4	257.5	1.1		720

USAFETAC FORM 0-26-5 (OL A) 4/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1261[illegible]	MACDILL AFB FL	67-70,73-78	OCT

PAGE 1 — HOURS (L. S. T.): 0003-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.1														1	1		
80/ 79		.2	.4	.3														9	9		
78/ 77		.2	1.7	.4														22	22	5	1
76/ 75	.1	3.8	5.8	2.8	.2													118	118	13	7
74/ 73	.1	4.7	9.1	6.0	.6	.3												195	195	72	25
72/ 71	.5	3.2	9.7	3.3	1.2	.1												168	168	120	93
70/ 69	.3	2.4	7.0	2.7	1.9	.4												137	137	163	111
68/ 67		.9	4.3	1.9	1.5													80	80	137	145
66/ 65		.9	2.2	2.3	1.5													63	63	107	114
64/ 63		1.1	2.4	1.6	.5	.1												53	53	74	101
62/ 61		.5	1.2	.5	.3													24	24	67	62
60/ 59		.1	.8	.3	.4													15	15	67	65
58/ 57		.3	1.0	.6	.1													19	19	43	54
56/ 55			.5	.6	.1													12	12	8	54
54/ 53		.1	.6	.1	.2													10	10	18	28
52/ 51			.3	.1														4	4	13	25
50/ 49																				12	8
48/ 47																				6	13
46/ 45																				1	9
44/ 43																					6
42/ 41																					3
40/ 39																					4
TOTAL	1.1	18.4	47.9	23.9	8.7	1.0												930	930	930	930

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6069921	74689	80.3	8.779	930							
Dry Bulb	4573708	65038	69.9	5.227	930			73.0	34.5	.5		93
Wet Bulb	4082073	61375	66.0	5.837	930			51.4	9.0			93
Dew Point	3801976	59114	63.6	6.920	930			38.2	3.3			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

12815 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
OCT — 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
80/ 79			.5	.1														5	5		
78/ 77		.5	.4															5	9	2	
76/ 75	.1	4.7	3.8	1.1														87	87	15	5
74/ 73	.5	5.4	5.3	3.5														137	137	73	33
72/ 71	1.1	4.4	9.7	2.3	.4													166	166	93	99
70/ 69	.1	5.4	7.6	3.3	.3	.4												160	160	138	73
68/ 67		1.9	5.1	1.7	1.0	.1												91	91	155	137
66/ 65		2.7	2.5	2.3	1.0	.1												79	79	92	129
64/ 63		1.6	1.6	1.1	1.0	.2												51	51	99	90
62/ 61		1.2	2.3	.9	.2		.1											43	43	50	73
60/ 59	.1	1.1	1.7	.3	.4	.2												36	36	68	54
58/ 57	.1	.9	.6	.6	.1	.4												28	28	53	50
56/ 55		.2	.8	.2		.3												14	14	23	56
54/ 53		.1	.4	.5	.3													13	13	20	32
52/ 51			.8		.1													8	8	14	25
50/ 49			.2															2	2	13	19
48/ 47																				13	9
46/ 45																				7	9
44/ 43																					15
42/ 41																					5
40/ 39																					4
38/ 37																					5
36/ 35																					1
34/ 33																					2
TOTAL	2.0	30.1	43.0	18.1	4.8	1.5	.1											930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73	≥ 89 F	≥ 93 F	Total
Rel. Hum.	6379813	76511	82.3	9.590	930							
Dry Bulb	4402242	63772	68.6	5.613	930			65.6	23.9	.5		93
Wet Bulb	3982715	60573	65.1	6.350	930			87.4	8.9			93
Dew Point	3733751	58495	62.9	7.662	930			85.2	3.8			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

12810 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
OCT — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
83/ 79		.1	1.0	.3														13	13		
78/ 77		.6	2.4	.3														31	31	3	1
76/ 75		4.5	4.0	1.9	.3	.1												101	101	24	9
74/ 73	.2	5.6	5.4	2.9	.4			.1										136	136	86	57
72/ 71	.8	3.9	8.9	3.2	.5	.1												162	162	101	88
70/ 69		4.3	5.7	3.0	.8	.3												131	131	119	84
68/ 67		2.7	5.5	1.8	.9	.3												104	104	146	119
66/ 65	.1	2.0	2.3	2.2	.9	.4												73	73	103	122
64/ 63		1.7	1.8	1.7	.3	.1	.1											54	54	93	78
62/ 61		.9	1.1	.8	.5	.4												34	34	53	88
60/ 59		.5	1.0	.3	.8	.3	.1											28	28	59	61
58/ 57	.2	.9	.9	.2	.4	.1												25	25	37	45
56/ 55		.2	.6	.2	.2	.3												15	15	34	36
54/ 53		.3	.2	.9	.4													17	17	19	45
52/ 51			.3	.1	.1													5	5	20	17
50/ 49			.1															1	1	12	21
48/ 47																				13	6
46/ 45																				8	12
44/ 43																					16
42/ 41																					11
40/ 39																					2
38/ 37																					8
36/ 35																					2
34/ 33																					1
32/ 31																					1
TOTAL	1.3	28.3	41.1	19.9	6.6	2.6	.2	.1											930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6223651	75445	81.1	10.544	930							
Dry Bulb	4465522	64218	69.1	5.792	930			67.8	28.1	.4		93
Wet Bulb	4012817	60779	65.4	6.617	930			47.9	11.3			93
Dew Point	3742663	58515	62.9	8.099	930		.1	35.8	6.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12813 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

 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
88/ 87						.3												3	3		
86/ 85				.2	.9	1.9	.6	.2										36	36		
84/ 83			.2	1.2	2.8	1.7	1.7	.4	.2	.2								79	79		
82/ 81		.1	.9	4.0	3.3	3.0	1.2	.8	.5	.2								130	130		
80/ 79			2.4	1.8	4.3	3.0	1.8	.8	.6	.2								139	139	9	1
78/ 77		.6	2.7	3.5	4.2	2.5	1.9	.5	.3	.1								153	153	49	6
76/ 75		1.0	1.6	4.2	2.8	2.4	1.6	.3	.2	.1								132	132	111	37
74/ 73		.3	1.1	2.5	2.4	2.3	.9	.5	.1									91	91	137	91
72/ 71		.8	.9	1.5	1.6	1.3	1.4	.1	.1									71	71	127	83
70/ 69		.2	.2	.2	.8	.9	.4	.2	.1									28	28	123	116
68/ 67		.1	.4	.2	.4	.2	.4	.2	.2									21	21	95	112
66/ 65		.4	.1	.1	.2	.1	.6	.2	.1									18	18	95	93
64/ 63				.2	.2	.3	.5	.1										13	13	59	66
62/ 61					.2	.1	.5	.1										9	9	42	84
60/ 59					.1	.1	.2											4	4	25	39
58/ 57					.1	.1	.1											3	3	15	31
56/ 55																				5	42
54/ 53																				16	18
52/ 51																				10	25
50/ 49																				8	13
48/ 47																				4	9
46/ 45																					8
44/ 43																					9
42/ 41																					5
40/ 39																					8
38/ 37																					8
36/ 35																					5
TOTAL		3.5	10.4	19.7	24.3	20.0	14.1	4.5	2.6	.9									930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4192724	61286	65.9	12.877	930							
Dry Bulb	5530929	71551	76.9	5.294	930			88.3	76.3	32.9		93
Wet Bulb	4459556	64150	69.0	6.102	930			65.1	30.6	.2		93
Dew Point	3906800	59772	64.3	8.377	930			44.5	13.4			93

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

4014

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810	MACDILL AFB FL	67-70,73-78	OCT
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
92/ 91								.5	.2	.1									8	8		
90/ 89							.9	.9	.3	.1									20	20		
88/ 87					.2	1.7	3.4	2.0	2.3	.2	.8	.1							100	100		
86/ 85				.1	1.7	3.5	4.9	5.7	2.2	1.1	.6	.1							186	186		
84/ 83				.8	1.5	4.7	3.3	2.6	2.5	1.3	.4								159	159		
82/ 81			.8	1.1	1.7	1.9	2.5	3.5	2.6	1.3	.4								147	147		
80/ 79		.1	.9	1.0	1.7	1.7	2.8	2.2	1.2	.8	.2								116	116	13	
78/ 77			.3	1.0	1.2	1.1	1.7	1.7	.8		.1								73	73	69	5
76/ 75		.3	.5	.3	.9	1.3	1.2	1.1	.1										52	52	105	27
74/ 73		.1	.5	.5	.2	.1	.5	.1			.1								21	21	172	59
72/ 71		.1	.1		.1	.2	.4	.1	.2	.3	.2								17	17	136	74
70/ 69		.1		.1	.1		.2	.3	.5	.1									14	14	117	131
68/ 67			.1				.2	.4	.2	.1									10	10	106	86
66/ 65							.3		.2										5	5	98	103
64/ 63						.1		.1											2	2	48	84
62/ 61																					23	73
60/ 59																					7	63
58/ 57																					7	56
56/ 55																					10	55
54/ 53																					13	41
52/ 51																					4	19
50/ 49																					2	13
48/ 47																						5
46/ 45																						8
44/ 43																						7
42/ 41																						6
40/ 39																						3
38/ 37																						3
36/ 35																						5
34/ 33																						4
TOTAL		.6	3.2	4.8	9.4	16.5	22.5	21.3	13.2	5.4	2.9	.2								930		930
																			930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2933294	50960	54.8	12.316	930							
Dry Bulb	6251456	76118	81.8	4.801	930			92.3	88.2	68.6		93
Wet Bulb	4600215	65219	70.1	5.345	930			71.8	35.9	.2		93
Dew Point	3805154	59026	63.5	7.959	930			38.2	9.1			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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91								.1	.4									5	5		
90/ 89						.1	.4	1.5	.2	.2								23	23		
88/ 87						.8	1.6	1.5	1.7	.9	.9							68	68		
86/ 85					.5	2.2	3.5	4.3	2.8	1.7	.8	.2						149	149		
84/ 83			.2	.3	1.2	3.2	5.4	3.1	2.4	1.9	.5	.1						175	175		
82/ 81			.4	1.1	1.6	3.5	1.8	2.7	2.2	.8	.5							137	137		
80/ 79			.6	1.3	3.2	1.5	2.5	2.7	1.0	.8								126	126	5	
78/ 77		.1	1.0	1.3	1.7	.8	2.2	2.3	1.1									96	96	41	3
76/ 75		.4	1.0	.8	1.0	1.5	1.1	.5	.3									61	61	82	18
74/ 73		.3	.2	.2	.3	1.0	.3	.3	.1	.1	.2							29	29	178	39
72/ 71			.1		.2	.3	.4	.5	.2		.1							18	18	150	76
70/ 69		.6	.2	.3	.2	.4	.2	.1		.1								21	21	114	111
68/ 67				.1	.1	.6		.2	.3									13	13	135	121
66/ 65						.2	.2	.1										5	5	87	88
64/ 63				.1		.1	.1											3	3	63	65
62/ 61						.1												1	1	34	75
60/ 59																				8	95
58/ 57																				15	61
56/ 55																				7	68
54/ 53																				7	27
52/ 51																				6	20
50/ 49																					27
48/ 47																					12
46/ 45																					6
44/ 43																					4
42/ 41																					4
40/ 39																					2
38/ 37																					3
36/ 35																					4
34/ 33																					1
TOTAL		1.5	3.0	5.9	10.1	16.3	19.8	20.0	12.7	6.5	3.1	.3						930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3012848	51490	55.4	13.208	930							
Dry Bulb	6136779	75403	81.1	4.999	930			92.1	86.9	63.0		93
Wet Bulb	4525383	64705	69.6	5.031	930			70.3	30.6	.2		93
Dew Point	3738485	58549	63.0	7.516	930			36.8	6.0			93

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

4015

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 87						.1												1	1		
86/ 85						.2	.3											5	5		
84/ 83				.2	.3	.8	.2	.5	.1									20	20		
82/ 81			.3	.8	1.3	2.6	1.8	.9	.1									72	72		
80/ 79		.3	1.2	2.8	4.6	4.2	1.5	.6	.4	.2								148	148	1	
78/ 77		.3	2.6	4.2	5.3	2.7	1.8	.3	.3									163	163	11	3
76/ 75		1.3	2.5	4.8	2.7	3.0	1.4	.3										149	149	38	15
74/ 73	.2	1.2	3.3	2.8	2.5	2.6	.9	.2	.1									128	128	107	34
72/ 71		1.0	2.3	1.8	2.2	1.4	.8	.2										89	89	184	70
70/ 69		.4	.8	1.3	2.5	1.3	.6	.1										65	65	149	113
68/ 67		.1	.1	1.5	.6	.2	.2											26	26	120	151
66/ 65			.4	.6	1.0	.3	.2											25	25	94	90
64/ 63			.1	.1	.4	.2												8	8	72	88
62/ 61			.1	.2	.6	.1	.1											11	11	69	73
60/ 59			.2	.4	.3	.1												10	10	26	83
58/ 57		.1		.4	.1													6	6	19	67
56/ 55			.1		.2													3	3	16	38
54/ 53																				12	36
52/ 51																				6	18
50/ 49																				4	17
48/ 47																				1	16
46/ 45																					8
44/ 43																					4
42/ 41																					2
40/ 39																					2
38/ 37																					1
TOTAL	.2	4.7	14.0	22.2	24.7	19.8	9.9	3.2	1.1	.2								929	929		929
																				929	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4450810	63338	68.2	11.950	929							
Dry Bulb	5252439	69691	75.0	5.129	929			86.7	68.7	16.1		93
Wet Bulb	4295499	62975	67.8	5.294	929			61.1	15.7			93
Dew Point	3790557	58995	63.5	6.898	929			38.6	5.2			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

12810 — STATION | MACDILL AFB FL — STATION NAME | 67-70,73-78 — YEARS | OCT — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
84/ 83					.1													1	1		
82/ 81				.2														2	2		
80/ 79		.4	.8	.8	.5	.1												24	24		
78/ 77		.5	3.2	4.0	2.3	.3	.2											98	98	6	6
76/ 75		1.6	5.7	8.7	2.3	1.2	.2	.1										186	186	24	5
74/ 73	.1	1.9	7.8	7.5	2.6	1.6	.1	.1										203	203	77	29
72/ 71	.2	1.6	4.6	2.9	2.5	.8												119	119	132	80
70/ 69	.1	1.1	2.9	2.8	1.3	1.5	.2											92	92	191	114
68/ 67		.4	1.5	2.5	2.5	.8												71	71	114	160
66/ 65		.2	2.2	2.4	.5	.2												51	51	98	101
64/ 63		.2	1.0	1.4	.5	.2												29	29	77	83
62/ 61			.4	.3	.5													12	12	78	59
60/ 59		.1	.3	.3	.2													9	9	60	62
58/ 57			.9	.5	.3													16	16	20	62
56/ 55		.1	.4	.5														10	10	13	45
54/ 53			.2	.3	.1													6	6	17	37
52/ 51				.1														1	1	12	21
50/ 49																				8	16
48/ 47																				2	13
46/ 45																				1	8
44/ 43																					6
40/ 39																					3
TOTAL	.4	8.5	31.9	35.3	16.2	6.7	.8	.2										930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5411428	70360	75.7	9.748	930							
Dry Bulb	4813051	66733	71.8	5.142	930			79.6	51.4	1.4		93
Wet Bulb	4160249	61983	66.6	5.605	930			54.4	10.7			93
Dew Point	3800229	59111	63.6	6.813	930			39.4	4.0			93

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

4016

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12816 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) OCT (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
92/ 91								.1	.1	.0								13	13		
90/ 89						.0	.2	.3	.1	.0								43	43		
88/ 87					.0	.4	.6	.4	.5	.1	.2	.0						172	172		
86/ 85				.0	.4	1.0	1.2	1.3	.6	.3	.2	.0						376	376		
84/ 83			.1	.4	.7	1.3	1.3	.8	.6	.4	.1	.0						434	434		
82/ 81		.0	.3	.9	1.0	1.4	.9	1.0	.7	.3	.1							489	489		
80/ 79		.1	1.0	1.0	1.8	1.3	1.1	.8	.4	.2	.0							581	581	28	1
78/ 77		.4	1.8	1.8	1.8	.9	1.0	.6	.3	.0	.0							645	645	186	24
76/ 75	.0	2.2	3.1	3.1	1.3	1.2	.7	.3	.1	.0								886	886	410	123
74/ 73	.1	2.4	4.1	3.3	1.1	1.0	.3	.2	.0	.0	.0							940	940	602	367
72/ 71	.3	1.9	4.5	1.9	1.1	.5	.4	.1	.1	.0	.0							810	810	1043	663
70/ 69	.1	1.8	3.1	1.7	1.0	.7	.2	.1	.1	.0								648	648	1118	858
68/ 67		.8	2.1	1.2	.9	.3	.1	.1	.1	.0								416	416	1006	1031
66/ 65	.0	.8	1.2	1.2	.6	.2	.2	.0	.0									319	319	778	840
64/ 63		.6	.9	.8	.3	.2	.1	.0										213	213	585	657
62/ 61		.3	.6	.3	.3	.1	.1	.0										134	134	416	587
60/ 59	.0	.2	.5	.2	.3	.1	.0											102	102	320	542
58/ 57	.0	.3	.4	.3	.1	.1	.0											97	97	209	446
56/ 55		.1	.3	.2	.1	.1												54	54	116	394
54/ 53		.1	.2	.2	.1													46	46	122	264
52/ 51			.2	.0	.0													18	18	85	170
50/ 49			.0															3	3	59	134
48/ 47																				39	83
46/ 45																				17	68
44/ 43																					69
42/ 41																					36
40/ 39																					28
38/ 37																					28
36/ 35																					17
34/ 33																					8
32/ 31																					1
TOTAL	.6	12.0	24.3	18.7	13.1	10.6	8.4	6.2	3.7	1.6	.8	.1							7439		7439
																		7439		7439	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	38674493	524079	70.5	15.352	7439							
Dry Bulb	41426138	552524	74.3	7.222	7439			645.9	458.0	183.4		744
Wet Bulb	34118507	501763	67.5	6.074	7439			469.4	152.6	.6		744
Dew Point	30319615	471577	63.4	7.560	7439		.1	306.7	51.3			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 | MACDILL AFB FL | 67-70,73-78 | NOV
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
78/ 77			.1															1	1		
76/ 75		.1	.1	.4														6	6		
74/ 73		.4	.4	1.9	.1													26	26	2	2
72/ 71	.1	1.4	3.7	2.4	.2													71	71	10	3
70/ 69	.2	3.2	6.8	1.4	.2													107	107	36	16
68/ 67	.2	3.6	4.3	1.3	.2	.1												88	88	105	45
66/ 65	.4	6.7	3.9	3.0	.2													128	128	98	98
64/ 63	.3	3.9	3.1	1.4	.3	.1												83	83	111	106
62/ 61		4.0	2.2	1.0	.2													67	67	94	98
60/ 59	.1	3.0	3.2	1.0	.3													69	69	92	79
58/ 57		1.7	3.0	.9	.1	.1												52	52	50	69
56/ 55		2.0	1.8	1.0	.1	.2	.2											48	48	65	68
54/ 53	.1	1.0	1.1	.7	.4	.2												32	32	50	50
52/ 51		.8	1.3	.8	.6	.6	.1											35	35	31	62
50/ 49		.3	.8	.2	.8	.2												21	21	27	29
48/ 47		.1	.2	1.1	.4	.1												18	18	22	23
46/ 45		.1	1.0	.8	.7													23	23	20	28
44/ 43		.3	.6	.3	.1													12	12	14	9
42/ 41			.4	.1														5	5	38	12
40/ 39		.2	.3															5	5	16	11
38/ 37																				19	16
36/ 35					.1													1	1	3	15
34/ 33				.1														1	1		17
32/ 31				.1														1	1		14
30/ 29																					19
28/ 27																				2	3
26/ 25																				1	4
24/ 23																					1
14/ 13																					3
TOTAL	1.6	32.9	38.4	19.9	5.2	1.7	.3												900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5855884	71820	79.8	11.775	900							
Dry Bulb	3529032	55910	62.1	7.877	900		.1	29.9	3.3			90
Wet Bulb	3154188	52726	58.6	8.520	900		.3	15.3	.2			90
Dew Point	2884582	50076	55.6	10.460	900		4.4	6.6	.2			90

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

4617

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
NOV — 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
74/ 73		.1	.4	1.0														14	14		
72/ 71	.1	.9	3.2	1.0														47	47	3	1
70/ 69	.8	2.8	4.9	1.1														86	86	37	18
68/ 67	.3	5.0	5.6	.2	.1													101	101	69	35
66/ 65	.3	6.3	3.2	.8														96	96	119	101
64/ 63	.1	5.4	3.3	1.8	.2	.1		.1										100	100	94	98
62/ 61	.1	6.9	2.9	2.1	.3	.1	.1											113	113	85	84
60/ 59		3.6	2.6	.6	.1	.1												62	62	94	93
58/ 57		1.7	1.6	.8	.2													38	38	71	73
56/ 55	.1	2.6	2.1	1.2														54	54	57	60
54/ 53	.1	1.7	1.1	.8		.1	.1											35	35	46	51
52/ 51	.1	.7	2.0	.4	.4	.4	.2											39	39	45	57
50/ 49	.2	.2	1.6	.7	.7	.3	.3											36	36	32	33
48/ 47	.1	.4	.1	.4	.7	.2												18	18	25	26
46/ 45		.3	.4	.6	.2													14	14	20	25
44/ 43		.2	1.1	.3	.3													18	18	15	25
42/ 41		.1	.6	.7	.1													13	13	24	13
40/ 39		.1	.3	.2	.2													8	8	24	12
38/ 37		.1	.4															5	5	19	11
36/ 35																				11	9
34/ 33																				2	17
32/ 31				.1														1	1	2	12
30/ 29			.2															2	2		17
28/ 27																					13
26/ 25																				3	6
24/ 23																					1
22/ 21																					2
20/ 19																					3
18/ 15																					3
14/ 13																					1
TOTAL	2.4	39.1	37.7	14.8	3.7	1.4	.8	.1											900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	> 80 F	≥ 92 F	Total
Rel. Hum.	6072467	73107	81.2	12.208	900							
Dry Bulb	3387890	54734	60.8	8.116	900		.3	24.8	1.9			90
Wet Bulb	3056971	51843	57.6	8.864	900		.5	10.9				90
Dew Point	2816393	49371	54.9	10.964	900		5.8	5.9				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
NOV — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
74/ 73			.3	1.6	.1													18	18		
72/ 71		2.4	3.7	.6														54	54	3	
70/ 69	.7	3.2	5.1	.6	.1													87	87	52	29
68/ 67	.7	4.3	4.3	.8	.2													93	93	80	51
66/ 65	.1	6.0	3.0	1.2														93	93	93	86
64/ 63	.2	6.7	3.6	2.2	.3													117	1.7	100	54
62/ 61	.1	5.0	2.9	1.0	.2													83	83	86	97
60/ 59		3.9	2.4	.8	.3	.1												58	58	95	69
58/ 57		2.4	.9	1.1	.2	.1												43	43	77	76
56/ 55		1.5	1.4	1.8	.4		.1											48	48	49	73
54/ 53	.2	1.4	1.0	1.3	.4													40	40	36	59
52/ 51	.1	.8	1.6	1.1	.2	.2	.1											37	37	42	37
50/ 49		.3	.9	1.1	.8	.7												34	35	26	23
48/ 47		.7	.3	.7	.4	.2	.3											24	24	36	25
46/ 45		.3	.2	.6	1.2													21	21	20	26
44/ 43			.3	.6	.2													10	10	20	25
42/ 41		.2	.7	.8														15	15	18	20
40/ 39		.1	.2															3	3	26	18
38/ 37			.2	.2	.1													5	5	22	11
36/ 35				.2	.1													3	3	10	10
34/ 33																					13
32/ 31			.1	.1														2	2	2	12
30/ 29			.1															1	1	3	15
28/ 27																				2	21
26/ 25																				2	6
24/ 23																					2
22/ 21																					1
20/ 19																					5
18/ 17																					1
16/ 15																					3
14/ 13																					1
TOTAL	.2	1.1	39.5	32.7	18.2	5.6	1.3	.6											900		899
																		899		899	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 5 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5978579	72387	80.5	12.925	899							
Dry Bulb	3392794	54756	60.8	8.267	900		.3	25.2	1.8			90
Wet Bulb	3052854	51734	57.5	9.185	899		.9	13.5				90
Dew Point	2802184	49110	54.6	11.533	899		6.7	8.0				90

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

4018

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-76 — YEARS
NOV — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥ 87/ 83					.1		.3			.1								5	5		
82/ 81				.1	.2	1.5	.6	.2	.1									25	25		
80/ 79			.2	.6	1.9	1.8	.7	.1	.1									48	48		
78/ 77			.4	1.2	3.3	1.4	.8	.1	.1									67	67		
76/ 75		.1	.8	2.4	3.6	1.7	.9		.4									89	89	5	1
74/ 73		1.3	2.4	3.2	1.6	1.7	.4	.3										99	99	19	4
72/ 71	.3	1.7	2.0	1.8	2.2	1.2	.6	.4	.1									93	93	87	26
70/ 69	.2	1.8	2.2	2.1	1.8	.7	.6	.1	.1									86	86	114	51
68/ 67	.2	.8	2.2	1.8	2.6	.9	.4		.2									74	74	113	96
66/ 65		2.1	1.7	1.6	1.1	.7	.6	.2	.1									72	72	82	92
64/ 63		1.0	1.1	1.6	.9	.7	.7	.3	.3									59	59	97	88
62/ 61		.6	.6	.7	.9	.8	.7	.2	.4									43	43	75	73
60/ 59		.2	.1	.6	1.0	.7	.8	.2	.1									31	31	54	79
58/ 57		.1	.3	.6	.7	.6	.6	.2										27	27	47	50
56/ 55		.1		.1	.4	.6	.2	.3										15	16	22	51
54/ 53		.2		.2	.6	.8	.9	.1										25	25	26	38
52/ 51				.2	.2	.4	.3											11	11	35	25
50/ 49			.2	.1	.3	.6												11	11	20	31
48/ 47				.4	.2	.1												7	7	25	25
46/ 45				.1	.3	.1												5	5	24	12
44/ 43					.3													1	1	17	17
42/ 41						.1												1	1	16	19
40/ 39					.3	.1												4	4	10	17
38/ 37																				2	15
36/ 35					.1													1	1	2	16
34/ 33																				1	14
32/ 31																				4	10
30/ 29																				1	9
28/ 27																					17
26/ 25																					11
24/ 23																					2
22/ 21																					3
20/ 19																					1
18/ 17																					4

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

USAFETAC FORM 0-26-5 (OL A) 3M 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
NOV — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					2
14/ 13																					1
TOTAL		910.	014.	31	0.	523.	916.	7	9.7	3.0	2.2	.1						900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4200331	59785	66.4	15.958	900							
Dry Bulb	4301562	61776	68.6	8.255	900			58.6	33.3	5.5		90
Wet Bulb	3499101	55537	61.7	8.951	900		.5	33.8	2.4			90
Dew Point	2994097	50725	56.4	12.262	900		6.0	17.8	.5			90

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

4619

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
NOV — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87								.1		.1								2	2		
86/ 85							.9	2.1	.7	.4	.2							39	39		
84/ 83					.6	.8	2.7	2.1	1.2	.3								69	69		
82/ 81			.1	.8	.6	2.6	2.6	3.3	1.0		.1		.1					100	100		
80/ 79			.1	.4	2.7	3.3	3.2	2.6	.9	.7	.1	.2						128	128		
78/ 77			.8	.9	2.6	2.6	2.6	2.4	.6	.1	.3							115	115	2	
76/ 75		.1	.2	1.8	1.3	2.7	2.3	2.1	.6	.4	.2							106	106	16	3
74/ 73		.6	.7	.7	.8	1.4	1.5	1.3	.2	.2								65	65	56	2
72/ 71			.4	.8	.7	.8	1.4	.9	.1									46	46	111	30
70/ 69		.1	.6	.5	.9	1.3	1.0	.8	.6	.7								58	58	123	28
68/ 67		.8	.6	.3	.6	.4	.7	.4	.3	.7								43	43	124	90
66/ 65		.1		.4	.2		1.0	.6	.4	.3								28	28	102	83
64/ 63				.4	.1	.9	.8	.6	.1	.1								27	27	70	85
62/ 61					.1	.2	.2	.1	.8	.1								14	14	59	80
60/ 59			.1		.1	.9	.6		.7									21	21	55	85
58/ 57						.3	.2	.8										14	12	27	61
56/ 55				.2		.4	.7	.1										13	13	22	52
54/ 53				.1		.2												3	3	27	50
52/ 51						.1	.2											3	3	27	40
50/ 49						.1												1	1	22	24
48/ 47				.2														2	2	14	18
46/ 45			.1			.1	.1											3	3	19	23
44/ 43							.1											1	1	12	24
42/ 41						.1												1	1	8	14
40/ 39																				2	17
38/ 37																					16
36/ 35																				1	15
34/ 33																				2	7
32/ 31																				1	8
30/ 29																					12
28/ 27																					11
26/ 25																					9
24/ 23																					6
22/ 21																					3

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

USAFETAC FORM 0-26-5 (OL A) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 STATION | MACDILL AFB FL STATION NAME | 67-70,73-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19																					1
12/ 11																					2
10/ 9																					1
TOTAL		1.7	3.7	7.7	11.1	19.3	22.6	20.3	8.1	4.2	1.0	.2	.1					900	900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2805498	48586	54.0	14.252	900							
Dry Bulb	5087439	67307	74.8	7.739	900			77.1	62.4	28.3		90
Wet Bulb	3740564	57570	64.0	8.032	900		.1	43.2	7.4			90
Dew Point	2969059	50623	56.2	11.632	900		5.3	15.3	.5			90

4020 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

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87								.1		.1								2	2		
86/ 85								1.0	.9	.3	.1							21	21		
84/ 83						.6	1.6	2.0	2.7		.1							62	62		
82/ 81				.2	.2	2.2	2.1	2.6	1.2	.1	.2	.1	.1					82	82		
80/ 79			.3	.7	1.8	3.1	1.4	2.4	.6	.2	.2	.1						98	98		
78/ 77			.3	.4	2.9	1.9	2.4	2.1	.8	.2	.1							101	101		
76/ 75		.3	1.1	2.1	2.3	2.7	2.1	2.6	.3		.1	.1						124	124	9	1
74/ 73		.1	.9	1.4	1.7	1.6	2.0	1.1	.2	.1								82	82	25	5
72/ 71		.9	.9	.8	2.0	.9	1.4	1.4	.4		.2							81	81	105	18
70/ 69		.3	.6	1.0	1.1	1.2	.6	.9	.8	.2								60	60	137	22
68/ 67		.3	.7	.2	1.1	.8	.9	.3	.6	.3	.1							48	48	117	79
66/ 65		.1	.2	.4	.2	.6	1.0	.7	.7	.2	.1							38	38	98	92
64/ 63		.1		.2	.3	.4	.3	.1		.1								15	15	93	76
62/ 61				.4	.3		.3	.3	.6	.2								20	20	70	78
60/ 59			.1		.1	.4	.8	.1	.3									17	17	48	98
58/ 57		.2			.3	.8	.4	.4	.1									21	21	41	61
56/ 55		.1			.3	.6	.3											12	12	29	57
54/ 53			.1	.1	.2	.2												6	6	24	63
52/ 51			.1			.1												2	2	18	36
50/ 49						.1												1	1	24	24
48/ 47					.1			.1										2	2	23	19
46/ 45							.2											2	2	20	31
44/ 43			.3															3	3	10	19
42/ 41																				1	18
40/ 39																				3	15
38/ 37																					14
36/ 35																					16
34/ 33																				3	19
32/ 31																					10
30/ 29																					1
28/ 27																					9
26/ 25																					7
24/ 23																					3
22/ 21																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12813 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					4
10/ 9																					2
8/ 7																					1
TOTAL		2.6	5.7	8.1	15.1	18.1	18.0	18.3	10.1	2.2	1.3	.3	.1					900			900
																	900		900		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≤ 93 F	Total
Rel. Hum.	2967761	49863	55.4	15.107	900							
Dry Bulb	4951785	66403	73.8	7.642	900			76.1	57.2	21.7		90
Wet Bulb	3673143	57075	63.4	7.724	900			39.3	3.4			90
Dew Point	2929901	50345	55.9	11.244	900		3.9	12.5	.6			90

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

4021

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81						.2	.2											4	4		
80/ 79					.1	1.0	.6	.2										17	17		
78/ 77			.2	.3	2.0	1.4	.7											42	42		
76/ 75		.4	.7	2.6	2.8	.9	.2	.1										69	69	1	
74/ 73		.4	2.6	2.2	1.4	.7	1.0			.1								76	76	7	6
72/ 71	.1	1.6	3.8	2.0	2.8	1.2	.2		.1									106	106	33	8
70/ 69	.1	2.1	5.2	2.7	2.6	1.7	.1	.1										131	131	105	26
68/ 67		1.9	3.9	2.4	2.0	.7	.3											101	101	113	79
66/ 65		1.2	2.0	2.9	1.4	.6	.1											74	75	110	96
64/ 63		1.0	1.6	2.9	1.4	.6	.1	.1										69	69	101	84
62/ 61		.6	1.8	1.0	1.3	.8	.3	.1										53	53	90	93
60/ 59		.6	1.1	1.0	.7	1.0	.2											41	41	78	79
58/ 57			.1	1.1	.7	.4		.1	.1									23	23	54	76
56/ 55			.1	.6	1.3	.2	.2	.1										23	23	47	69
54/ 53		.1		.9	.4	.6												18	18	20	52
52/ 51		.1		.2	1.2	.6												19	19	26	32
50/ 49			.2	.4	.4	.2												12	12	25	32
48/ 47			.2	.8	.1													10	10	25	21
46/ 45				.2														2	2	17	20
44/ 43				.1														1	1	19	14
42/ 41			.4		.1													5	5	17	21
40/ 39			.1		.1													2	2	4	18
38/ 37				.1														1	1	4	13
36/ 35																					23
34/ 33																				1	13
32/ 31																				2	9
30/ 29																					4
28/ 27																					4
26/ 25																					2
22/ 21																					2
20/ 19																					1
18/ 17																					2
TOTAL	.2	10.0	24.0	24.5	23.0	12.7	4.3	.9	.2	.1								899	900	899	899

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	4600216	63192	70.3	13.280	899							
Dry Bulb	4090462	60290	67.0	7.584	900			54.6	20.8	1.5		90
Wet Bulb	3411975	54921	61.1	7.952	899		.2	25.9	.8			90
Dew Point	2978258	50922	56.6	10.225	899		2.4	11.9	.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

 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
78/ 77					.2													2	2		
76/ 75	.2		.6	1.6	1.2	.3												35	35	2	2
74/ 73	.1	.2	1.7	2.9	.7	.1												51	51	1	1
72/ 71	.2	1.8	4.0	1.8	1.0													79	79	13	3
70/ 69		3.0	5.6	2.3	1.4	.6				.1								117	117	67	23
68/ 67		3.2	5.2	2.1	1.2	.3	.1											110	110	107	57
66/ 65	.2	5.2	3.7	1.8	1.1	.1												109	109	99	104
64/ 63	.1	2.3	2.7	2.2	1.1	.2												78	78	125	94
62/ 61		2.3	2.7	2.4	.3	.1	.1											72	72	71	101
60/ 59		1.4	3.4	1.7	.4	.3												66	66	93	83
58/ 57		1.2	1.6	.8	.6	.4												41	41	61	63
56/ 55		.5	.7	1.0	.7	.2												26	26	76	74
54/ 53			.7	.9	.8	.1												22	22	25	52
52/ 51		.1	.9	1.0	.3	.4												25	25	24	44
50/ 49		.3	.2	1.1	.2	.4												21	21	27	27
48/ 47			.2	.7	.4													12	12	29	19
46/ 45		.1	1.1	.7														17	17	13	24
44/ 43			.7	.3														9	9	17	19
42/ 41			.2	.1														3	3	26	17
40/ 39		.1	.1															2	2	15	24
38/ 37																				5	7
36/ 35				.1	.2													3	3	1	21
34/ 33																					15
32/ 31																					12
30/ 29																				3	7
28/ 27																					3
26/ 25																					1
18/ 17																					1
16/ 15																					1
14/ 13																					1
TOTAL	.9	21.8	35.8	25.4	12.0	3.8	.2			.1								900	900		900
																				900	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5416569	68989	76.7	11.944	900							
Dry Bulb	3731905	57541	63.9	7.682	900			39.4	8.8			90
Wet Bulb	3291233	53675	59.6	8.177	900		.3	19.6	.3			90
Dew Point	2939989	50635	56.3	10.072	900		2.6	8.6	.3			90

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

4022

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 87								.0		.0								4	4		
86/ 85							.1	.4	.2	.1	.0							60	60		
84/ 83					.1	.2	.6	.5	.5	.1	.0							136	136		
82/ 81			.0	.1	.1	.8	.7	.8	.3	.0	.0	.0	.0					211	211		
80/ 79			.1	.2	.8	1.2	.7	.7	.2	.1	.0	.0						291	291		
78/ 77			.2	.4	1.4	.9	.8	.6	.2	.0	.1							328	328	2	
76/ 75	.0	.1	.4	1.4	1.4	1.0	.7	.6	.2	.1	.0	.0						429	429	33	7
74/ 73	.0	.4	1.2	1.9	.8	.7	.6	.3	.1	.1								431	431	110	20
72/ 71	.1	1.3	2.6	1.4	1.1	.5	.5	.3	.1		.0							577	577	365	89
70/ 69	.3	2.1	3.9	1.5	1.0	.7	.3	.2	.2	.1								732	732	671	213
68/ 67	.2	2.5	3.3	1.2	.9	.4	.3	.1	.1	.1	.0							656	658	828	532
66/ 65	.1	3.5	2.2	1.5	.5	.2	.3	.2	.2	.1	.0							638	639	798	752
64/ 63	.1	2.6	1.9	1.6	.6	.4	.2	.2	.1	.0								548	548	791	715
62/ 61	.0	2.4	1.6	1.1	.8	.3	.2	.1	.2	.0								465	465	633	704
60/ 59	.0	1.6	1.6	.7	.4	.4	.3	.0	.1									375	375	609	665
58/ 57		.9	.9	.7	.3	.3	.2	.2	.0									257	257	428	529
56/ 55	.0	.8	.8	.7	.4	.3	.2	.1										240	240	367	504
54/ 53	.1	.6	.5	.6	.4	.3	.1	.0										181	181	254	414
52/ 51	.0	.3	.7	.4	.4	.4	.1											171	171	248	333
50/ 49	.0	.2	.5	.5	.4	.3	.0											137	138	203	223
48/ 47	.0	.2	.1	.5	.3	.1	.0	.0										93	95	201	177
46/ 45		.1	.4	.4	.3	.0	.0											87	87	153	189
44/ 43		.1	.4	.2	.1		<0											55	55	124	152
42/ 41		.0	.3	.2	.0	.0												43	43	146	134
40/ 39		.1	.1	.0	.1	.0												24	24	102	132
38/ 37		.0	.1	.0	.0													11	11	67	103
36/ 35				.0	.1													8	8	28	125
34/ 33				.0														1	1	9	115
32/ 31			.0	.0														4	4	11	87
30/ 29			.0															3	3	7	64
28/ 27																				4	81
26/ 25																				6	46
24/ 23																					15
22/ 21																					13

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 STATION | MACDILL AFB FL STATION NAME | 67-70,73-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					15
18/ 17																					8
16/ 15																					9
14/ 13																					7
12/ 11																					2
10/ 9																					3
8/ 7																					1
TOTAL	1.0	19.7	24.0	17.2	12.4	9.4	7.1	5.3	2.6	.8	.3	.1	.0						7200		7198
																		7198		7198	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37897305	507729	70.5	17.014	7198							
Dry Bulb	32472869	478717	66.5	9.456	7200		.7	385.7	139.0	57.0		720
Wet Bulb	26850029	435081	60.4	8.755	7198		2.8	201.0	14.5			720
Dew Point	23314463	401807	55.8	11.088	7198		37.1	86.1	2.7			720

4023

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

12816 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

 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
76/ 75	.2	.1																3	3	2	2
74/ 73	.3	.4	.3															10	10	6	6
72/ 71		1.4	.4															17	17	5	3
70/ 69	.4	1.0	1.7	.2														31	31	20	16
68/ 67	.2	2.6	1.8															43	43	20	10
66/ 65	2.0	5.9	1.3	1.0														95	95	70	56
64/ 63	1.6	4.7	2.5	1.2														93	93	79	63
62/ 61	.8	5.2	2.5	.9	.2	.1												89	89	72	70
60/ 59	.8	4.7	3.5	.5	.2	.1	.1											93	93	89	68
58/ 57	.4	3.2	2.7	.3	.3	.1												66	66	73	72
56/ 55	.1	3.9	3.3	.8	.8													82	82	77	67
54/ 53	.1	2.6	2.4	.6	.5	.1												59	59	72	71
52/ 51	.1	1.1	3.5	.5	.2	.1												52	52	55	64
50/ 49		1.6	1.6	.6	.5													41	41	48	53
48/ 47		.8	1.8	1.1	.5													39	39	52	39
46/ 45		.8	1.7	.9	.2													33	33	51	43
44/ 43		.4	1.0	.8	.3	.1												24	24	33	25
42/ 41		.2	1.5	1.0	.3													23	23	35	31
40/ 39	.1	.3	1.6	.3	.1													23	23	33	28
38/ 37		.1	.4	.2														7	7	16	28
36/ 35			.2	.3														5	5	25	23
34/ 33																				3	16
32/ 31				.2														2	2	5	22
30/ 29																				1	22
28/ 27																				2	9
26/ 25																					4
22/ 21																					9
20/ 19																					4
18/ 17																					2
TOTAL	7.2	41.0	35.4	11.4	4.3	.6	.1												930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6392375	76219	82.0	12.527	930							
Dry Bulb	3124570	53338	57.4	8.396	930		.2	10.4	1.3			93
Wet Bulb	2839497	50657	54.5	9.292	930		.8	5.3	.8			93
Dew Point	2607885	48109	51.7	11.327	930		7.2	4.1	.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

12815 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
DEC — MONTH

PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75		.3																3	3	2	
74/ 73	.3	.3	.3															9	9	4	6
72/ 71	.4	1.0	.2															15	15	9	7
70/ 69	.8	.9	.2	.1														18	18	20	19
68/ 67	.4	2.5	2.0															46	46	11	11
66/ 65	1.7	5.2	1.1	.5														79	79	54	41
64/ 63	1.3	5.6	1.8	.4														85	85	80	58
62/ 61	1.1	5.7	1.6	.4														82	82	76	76
60/ 59	1.5	4.3	2.2	.5	.1													80	80	66	72
58/ 57	.5	4.0	1.9	.6			.3											69	69	74	72
56/ 55	.5	3.5	2.8	.6	.4	.2												76	76	50	63
54/ 53	.1	3.2	1.9	.3	.3													55	55	63	44
52/ 51	.4	2.4	3.3	.3		.1												61	61	69	59
50/ 49	.2	3.5	2.0	.5	.2													61	61	48	61
48/ 47		2.0	1.7	.5	.2													42	42	72	54
46/ 45		.5	1.7	.6	.3													30	30	41	52
44/ 43		.4	2.3	1.6	.1													41	41	20	27
42/ 41		.4	1.6	1.4	.2														34	39	25
40/ 39		.4	.9	1.1	.1													23	23	33	22
38/ 37			.2	.4	.1													7	7	30	38
36/ 35		.1	.4	.5														10	10	15	16
34/ 33		.1		.1														2	2	17	23
32/ 31			.1	.1														2	2	9	21
30/ 29																				5	18
28/ 27																				2	10
26/ 25																				1	13
24/ 23																					5
22/ 21																					7
20/ 19																					3
18/ 17																					4
16/ 15																					2
TOTAL	9.3	46.5	30.4	11.0	2.2	.3	.3												930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6609449	77523	83.4	12.591	930							
Dry Bulb	2998349	52175	56.1	8.756	930		.2	9.1	1.2			93
Wet Bulb	2751417	49779	53.5	9.675	930		1.7	4.6	.6			93
Dew Point	2546157	47819	51.0	11.754	930		8.3	4.3	.6			93

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

4024

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AF8 FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.1															1	1		
74/ 73		.6	.4															10	10	1	
72/ 71	.3	.8	.1															11	11	15	10
70/ 69	1.0	1.8	.5															31	31	22	22
68/ 67	.3	1.7	1.9	.3														40	40	16	17
66/ 65	1.4	5.3	1.3	.2														76	76	46	36
64/ 63	1.3	5.3	1.5	.6	.1													82	82	77	53
62/ 61	1.0	5.2	2.3	.2	.1													81	81	85	76
60/ 59	2.0	3.1	1.6	.8														70	70	77	84
58/ 57	.4	4.9	1.3	.6														68	68	59	55
56/ 55	.6	4.1	1.4	.5	.1	.5												68	68	71	69
54/ 53	.1	4.0	1.7	.6		.1												61	61	53	49
52/ 51	.2	2.7	1.6	.6	.2													50	50	59	49
50/ 49	.2	3.0	2.5	.9	.2													63	63	44	52
48/ 47		3.0	1.3	.2	.1	.1												44	44	59	54
46/ 45		1.5	2.0	.8	.1	.1												42	42	53	47
44/ 43		.4	1.9	2.3		.1												44	44	36	35
42/ 41		.3	1.0	1.5	.1													27	27	22	25
40/ 39		.4	1.0	1.2	.3													27	27	37	29
38/ 37		.3		.9														11	11	32	23
36/ 35			.8	.4														11	11	23	18
34/ 33		.1	.5	.2														8	8	12	23
32/ 31				.3														3	3	19	28
30/ 29				.1														1	1	6	20
28/ 27																				4	8
26/ 25																				2	12
24/ 23																					10
22/ 21																					11
20/ 19																					9
16/ 15																					6
TOTAL	8.9	48.6	26.8	13.3	1.4	1.0													930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6599406	77368	83.2	13.112	930							
Dry Bulb	2957165	51737	55.6	9.220	930		.4	9.3	1.1			93
Wet Bulb	2714007	49347	53.1	10.144	930		3.1	5.4	.1			93
Dew Point	2509826	46928	50.5	12.356	930		10.4	4.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
DEC — MONTH

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
84/ 83					.3													3	3		
82/ 81			.1	.3														4	4		
80/ 79			.1	.1														2	2		
78/ 77		.2	.1	.2	.9	.1	.2											16	16	2	
76/ 75		.3	1.1	.9	.5	.3	.2											31	31	10	3
74/ 73		.3	.5	1.6	1.2	.4	.1	.1										40	40	11	8
72/ 71		1.5	2.3	.8	1.5	.5	.1											62	62	13	13
70/ 69	.4	1.1	3.7	1.9	1.1	.5	.3		.1									85	85	44	27
68/ 67	1.3	2.6	2.4	1.3	1.0	.5	.1											92	82	69	36
66/ 65	.8	3.3	1.8	1.7	.5	.9	.4											86	88	94	59
64/ 63	1.0	3.0	.6	1.7	1.3	.4												75	75	68	81
62/ 61	.2	2.2	1.4	1.1	.4	.4		.3										56	56	85	66
60/ 59		1.2	2.4	1.4	1.4	.5	.5											69	69	49	74
58/ 57	.1	1.7	1.3	1.5	1.3	.6	.3											64	64	58	47
56/ 55		1.1	1.3	1.9	1.3	1.1	.1											63	63	67	62
54/ 53		.5	1.3	1.1	.9	.3	.3											41	41	42	47
52/ 51		.5	.4	.9	.8	.6	.1											31	31	44	46
50/ 49		.5	1.0	1.0	.3	1.2	.1											38	38	61	35
48/ 47		.4	.3	.5	1.2	.3	.1											27	27	44	34
46/ 45			.2	.9	.6	.8												23	23	33	43
44/ 43				.6	.6	.2												14	14	26	34
42/ 41			.2	.3	.5	.1												11	11	19	27
40/ 39					.2													2	2	27	25
38/ 37				.1														1	1	22	28
36/ 35				.1	.1													2	2	13	20
34/ 33																				5	11
32/ 31																				2	20
30/ 29																				2	20
28/ 27																					12
26/ 25																					11
24/ 23																					13
22/ 21																					8
20/ 19																					7
18/ 17																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12610 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					2
TOTAL	3.4	20.5	22.6	21.9	15.3	10.0	3.1	.4	.1										930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5110745	67231	72.3	16.422	930							
Dry Bulb	3642664	57614	62.0	8.892	930			32.5	9.6	.9		93
Wet Bulb	3106023	52973	57.0	9.770	930		.4	14.9	2.3			93
Dew Point	2705800	48732	52.4	12.802	930		9.4	8.7	1.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12613 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
DEC — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 89								.1										1	1		
88/ 87						.1	.3											4	4		
86/ 85						.2	.2											4	4		
84/ 83				.2		.1												3	3		
82/ 81			.1	.2	.1	.5	.1	.4	.1									15	15		
80/ 79				.5	.4	2.3	.2	.6	.6									46	46		
78/ 77		.1	.3	1.9	2.3	.8	2.2	1.7	.5									91	91	5	
76/ 75			.6	1.2	3.2	1.5	2.9	1.1		.1								99	99	9	3
74/ 73		.4	.8	2.3	1.5	1.2	1.8	1.3	.2	.1								87	87	18	2
72/ 71		.8	.6	1.2	1.3	1.3	1.2	.3	.1	.1								64	64	50	18
70/ 69	.3	.8	.9	.8	1.2	2.5	1.1	.8	.3	.1								78	78	75	37
68/ 67	.3	1.5	1.2	1.0	1.2	1.2	.5	.9	.2	.1								74	74	77	43
66/ 65	.2	1.2	.9	.1	1.0	1.3	1.7	.5	.2									56	66	90	76
64/ 63	.1	.6	.2	.5	.5	1.0	1.0	.5	.1									44	44	97	69
62/ 61		.8	.4	.9	1.0	1.0	.8	.5	.4	.1								54	54	75	50
60/ 59	.2	.5		.5	1.1	1.5	.6	.5	.1									49	49	68	57
58/ 57	.1	.1	.2	.4	1.6	.5	.3	1.0										42	42	58	55
56/ 55		.4	.1	.4	.9	.5	.8	.4										33	33	30	67
54/ 53		.8	.2	.6	.4	.3	.9	.4										34	34	54	61
52/ 51		.2	.3	.1		.2	.9	.1										17	17	54	≥1
50/ 49				.2		.8	.4											13	13	51	28
48/ 47				.1		.5	.1											7	7	30	38
46/ 45					.3	.2												5	5	25	28
44/ 43																				17	36
42/ 41																				17	45
40/ 39																				18	20
38/ 37																				11	23
36/ 35																				1	17
34/ 33																					15
32/ 31																					10
30/ 29																					10
28/ 27																					16
26/ 25																					13
24/ 23																					14

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

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

4326

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					5
20/ 19																					11
18/ 17																					1
14/ 13																					1
TOTAL	1.3	8.3	6.9	12.9	18.1	19.9	18.0	11.2	2.9	.6								930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3606839	55647	59.8	17.273	930							
Dry Bulb	3382266	63538	68.1	8.594	930			56.6	35.0	5.4		93
Wet Bulb	3383544	55470	59.6	8.987	930			23.4	3.2			93
Dew Point	2730064	48992	52.7	12.672	930		8.1	10.3	.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12816 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
DEC — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17 18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89								.1										1	1		
88/ 87							.1	.2										3	3		
86/ 85							.1											1	1		
84/ 83					.1	.3												4	4		
82/ 81				.2	.1	.6	.6	.1										16	16		
80/ 79			.3	.2	.4	.8	.2	.6	.3									27	27		
78/ 77		.1	.1	.2	1.2	.8	1.6	2.0	.4									6	60	1	
76/ 75			.3	1.1	1.9	2.0	2.2	1.5	.1									85	85	10	3
74/ 73		.4	1.1	2.5	.9	1.5	1.7	1.2	.1	.3								90	90	12	5
72/ 71		.9	2.8	1.3	1.7	1.5	1.7	1.2			.2							105	105	28	6
70/ 69	.3	1.1	2.5	1.4	.6	2.2	.9	.4	.5		.1							93	93	57	24
68/ 67	.4	.9	1.5	.9	2.2	1.0	1.2	.6	.1	.1								82	82	100	59
66/ 65		1.2	1.2	1.4	.5	1.4	.9	.6	.3									70	70	88	68
64/ 63		.9	.5	.8	1.0	.9	.3	.4	.4									48	48	100	60
62/ 61		.3	.4	.9	.4	.6	1.4	1.0	.3									50	50	96	51
60/ 59		.3	.3	.5	.8	.4	1.0	.4	.2									37	37	75	59
58/ 57	.2	.4	.1	1.1	1.1	.9	.6	.8	.2									50	50	54	60
56/ 55			.2	.9	1.1	1.3	.8	.3	.1									43	43	49	72
54/ 53		1.0		.5	.5	.1	.4	.4										28	28	41	78
52/ 51			.3	.3	.4	.5	.9											23	23	42	49
50/ 49				.2	.2	.2												6	6	47	34
48/ 47					.1	.2												3	3	45	46
46/ 45					.2													2	2	33	26
44/ 43				.2														2	2	17	30
42/ 41																				21	37
40/ 39																				9	21
38/ 37																				4	23
36/ 35																					28
34/ 33																					12
32/ 31																					16
30/ 29																					15
28/ 27																					18
26/ 25																					15
24/ 23																					5

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

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

4927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810	MACDILL AFB FL	67-70,73-78	DEC
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 2	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
21/ 21																					2
20/ 19																					4
18/ 17																					2
16/ 15																					1
TOTAL	1.0	7.4	11.7	14.5	15.5	17.2	16.6	12.1	3.2	.4	.3							929	929	929	929

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3674678	56126	60.4	17.488	929							
Dry Bulb	4317495	62895	67.7	8.000	929			56.8	28.7	4.1		93
Wet Bulb	3343518	55178	59.4	8.447	929			20.8	2.3			93
Dew Point	2699413	48799	52.5	12.109	929		7.8	9.7	.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.1	.3													4	4		
78/ 77		.1	.3	.3	.1													8	8		
76/ 75		.2	.4	.2	.1													9	9	3	1
74/ 73			.8	.8	.2	.3	.2											21	21	10	4
72/ 71		.9	1.6	1.0	1.2	.2	.2											47	47	7	6
70/ 69	.1	1.7	4.0	1.1	1.5	1.1												88	88	27	21
68/ 67	.4	3.2	3.7	1.7	1.5	.9	.1											107	107	52	28
66/ 65	1.1	3.7	2.4	1.8	1.5	.2	.2											101	101	91	72
64/ 63	.4	3.3	2.4	1.6	1.2	.3												86	86	99	68
62/ 61		2.4	3.1	1.9	.9	.2	.1	.1										81	81	87	58
60/ 59		1.5	2.2	1.7	.5	.3	.1											59	59	87	77
58/ 57	.2	1.5	1.9	2.3	1.1	.4	.2											71	71	81	73
56/ 55		.9	1.7	1.9	1.4	.4	.1											60	60	57	62
54/ 53		.6	.9	1.0	.5	.9		.3										39	39	58	73
52/ 51	.2	.4	.8	1.8	1.4	.5	.1											49	49	45	53
50/ 49		.2	.8	1.8	.8	.2												35	35	40	50
48/ 47		.2	.4	1.2	1.1	.1												28	28	44	40
46/ 45		.1	.5	.5	.8	.2												20	20	35	31
44/ 43				.5	.2													7	7	41	31
42/ 41				.5	.1													6	6	30	23
40/ 39			.1	.1														2	2	18	28
38/ 37																				12	22
36/ 35																				6	28
34/ 33																				2	26
32/ 31																					15
30/ 29																					17
28/ 27																					11
26/ 25																					2
24/ 23																					2
22/ 21																					1
20/ 19																					4
18/ 17																					1
TOTAL	2.5	21.0	27.9	24.0	16.4	6.4	1.4	.4										928	928		928
																				928	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5273548	68644	74.0	14.539	928							
Dry Bulb	3565125	57063	61.5	7.793	928			28.5	4.2	.1		93
Wet Bulb	3068092	52754	56.8	8.539	928			9.9	1.3			93
Dew Point	2696726	48942	52.7	11.165	928		5.3	6.0	.5			93

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

4028

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-78 — YEARS
DEC — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
78/ 77			.1															1	1		
76/ 75		.4	.5															9	9		
74/ 73		.4	.5															9	9	9	3
72/ 71		.4	.9	.2	.1													15	15	7	9
70/ 69	.2	1.2	1.9	1.0														40	40	17	13
68/ 67	.8	3.5	1.4	1.5	.4													70	70	39	25
66/ 65	1.2	5.0	3.5	2.0	.4													112	112	55	53
64/ 63	1.0	5.3	2.5	1.7	.5	.2												104	104	83	60
62/ 61	.9	4.5	2.2	1.4	.6	.1												90	90	106	62
60/ 59	.3	2.8	2.4	.6	.1													58	58	87	97
58/ 57	.1	3.9	3.5	1.4	.8													89	89	72	68
56/ 55	.1	2.2	2.5	1.9	1.0	.2												73	73	71	78
54/ 53		1.4	2.4	1.4	.5	.1												54	54	68	53
52/ 51		1.2	2.0	1.4	.8		.1											51	51	47	59
50/ 49		.4	.9	1.8	.5	.3												37	37	57	51
48/ 47		.2	1.6	1.3	.8	.1	.1											38	38	44	39
46/ 45		.5	.9	.9	.3	.2												26	26	27	43
44/ 43		.1	.9	.4	.2													15	15	41	25
42/ 41		.1	1.2	.4	.3													19	19	32	30
40/ 39		.1	.5	.2														8	8	24	36
38/ 37		.1	.3	.1														5	5	18	26
36/ 35			.2	.2														4	4	12	22
34/ 33																				7	20
32/ 31																				4	18
30/ 29																					14
28/ 27																					8
26/ 25																					2
24/ 23																					3
22/ 21																					9
20/ 19																					1
TOTAL	4.5	33.8	32.7	20.1	7.4	1.3	.2											927	927	927	927

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6014206	73708	79.5	12.875	927
Dry Bulb	3265584	54520	58.8	7.987	927
Wet Bulb	2916995	51349	55.4	8.857	927
Dew Point	2645095	48467	52.3	10.952	927

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			14.4	1.9			93
Wet Bulb		.4	7.2	.9			93
Dew Point		5.5	5.0	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89								.0										2	2		
88/ 87						.0	.1	.0										7	7		
86/ 85						.0	.0											5	5		
84/ 83				.0	.1	.1												10	10		
82/ 81			.0	.1	.0	.1	.1	.1	.0									35	35		
80/ 79			.1	.1	.1	.4	.1	.2	.1									79	79		
78/ 77		.1	.1	.3	.6	.2	.5	.5	.1									176	176	8	
76/ 75	.0	.2	.4	.4	.7	.5	.7	.3	.0	.0								240	240	36	12
74/ 73	.1	.4	.6	.9	.5	.4	.5	.3	.0	.1								276	276	71	34
72/ 71	.1	.9	1.1	.6	.7	.4	.4	.2	.0	.0	.0							336	336	134	72
70/ 69	.4	1.2	1.9	.8	.6	.8	.3	.1	.1	.0	.0							464	464	282	179
68/ 67	.5	2.3	2.3	.8	.8	.4	.2	.2	.0	.0								544	544	384	233
66/ 65	1.0	3.8	1.7	1.1	.5	.5	.4	.1	.1									687	687	588	471
64/ 63	.8	3.6	1.5	1.1	.6	.3	.2	.1	.1									617	617	699	512
62/ 61	.5	3.3	1.7	1.0	.5	.3	.3	.2	.1	.0								583	583	682	509
60/ 59	.6	2.3	1.8	.8	.5	.4	.3	.1	.0									515	515	618	588
58/ 57	.3	2.5	1.6	1.0	.6	.3	.2	.2	.0									519	519	529	502
56/ 55	.2	2.0	1.7	1.1	.9	.5	.2	.1	.0									498	498	472	540
54/ 53	.0	1.8	1.3	.8	.5	.2	.2	.1										371	371	451	476
52/ 51	.1	1.1	1.5	.8	.5	.3	.3	.0										334	334	415	440
50/ 49	.1	1.2	1.1	.9	.3	.3	.1											294	294	396	364
48/ 47		.8	.9	.6	.5	.2	.0											228	228	390	344
46/ 45		.4	.9	.6	.4	.2												181	181	278	314
44/ 43		.2	.8	.3	.2	.1												147	147	231	243
42/ 41		.1	.6	.6	.2	.0												120	120	215	243
40/ 39	.0	.2	.5	.3	.1													85	85	199	209
38/ 37		.1	.1	.2	.1													31	31	145	211
36/ 35		.0	.2	.2	.0													32	32	95	172
34/ 33		.0	.1	.0														10	10	52	146
32/ 31			.0	.1														7	7	39	150
30/ 29				.0														1	1	14	136
28/ 27																				8	92
26/ 25																				3	72
24/ 23																					52

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

4029 USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					52
20/ 19																					43
18/ 17																					11
16/ 15																					11
14/ 13																					1
TOTAL	4.8	28.4	24.3	16.1	10.4	7.1	5.0	3.0	.8	.1	.0								7434		7434
																		7434		7434	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	43281246	552486	74.3	17.286	7434							
Dry Bulb	28253218	452680	60.9	9.621	7434		.8	217.6	83.1	10.5		744
Wet Bulb	24123093	417507	56.2	9.530	7434		6.4	91.6	11.5			744
Dew Point	21140966	386388	52.0	11.931	7434		62.1	53.0	4.6			744

USAFETAC FORM 0-26-5 (OL A) 8X 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-79 (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
98/ 97										.0		.0						5	5		
96/ 95								.0	.0	.0	.0	.0	.0					36	36		
94/ 93						.0	.0	.0	.1	.0	.0	.0						172	172		
92/ 91					.0	.0	.2	.4	.2	.1	.0	.0		.0				842	842		
90/ 89				.0	.0	.3	.7	.7	.2	.1	.0	.0						1873	1873		
88/ 87			.0	.0	.3	1.2	1.1	.4	.3	.1	.1	.0	.0					3050	3050		
86/ 85			.0	.3	1.0	1.4	.7	.5	.2	.1	.0	.0	.0					3715	3715	1	
84/ 83	.0	.0	.2	.9	1.4	.9	.6	.3	.3	.1	.0	.0	.0	.0				4101	4101	7	2
82/ 81		.0	.7	1.6	1.2	.9	.5	.4	.2	.1	.1	.0	.0	.0				4964	4964	217	7
80/ 79	.0	.3	1.9	2.0	1.2	.9	.4	.3	.2	.1	.0	.0	.0					6538	6539	1790	142
78/ 77	.0	1.1	3.2	1.9	1.1	.5	.4	.3	.2	.1	.0	.0						7930	7938	5688	1098
76/ 75	.1	2.1	2.9	1.9	.9	.5	.4	.3	.1	.0	.0	.0						8161	8165	9079	4166
74/ 73	.1	2.0	2.3	1.7	.8	.4	.3	.2	.1	.0	.0	.0						6742	6746	10433	8621
72/ 71	.1	1.3	2.1	.8	.6	.3	.3	.1	.1	.0	.0	.0						5083	5089	8616	9749
70/ 69	.1	1.2	2.0	.8	.6	.4	.2	.1	.1	.0	.0	.0						4892	4899	7191	8293
68/ 67	.1	1.1	1.6	.7	.6	.3	.2	.1	.0	.0	.0							4118	4124	6358	7129
66/ 65	.2	1.4	.9	.8	.5	.3	.2	.1	.1	.0	.0							3821	3839	5374	6378
64/ 63	.1	1.3	.8	.7	.4	.3	.1	.1	.0	.0								3434	3449	4934	5229
62/ 61	.1	1.2	.8	.5	.3	.2	.1	.1	.1	.0								2912	2921	4304	4599
60/ 59	.1	.9	.8	.4	.3	.2	.1	.1	.0									2537	2545	3846	4234
58/ 57	.1	.8	.7	.4	.3	.2	.1	.1	.0									2312	2320	3215	3612
56/ 55	.1	.7	.7	.4	.3	.2	.1	.0	.0									2135	2145	2658	3473
54/ 53	.0	.6	.5	.4	.3	.1	.1	.0	.0									1757	1767	2407	3113
52/ 51	.0	.4	.5	.3	.2	.1	.1	.0	.0									1451	1459	2020	2764
50/ 49	.0	.4	.4	.4	.2	.1	.0	.0										1329	1335	1834	2323
48/ 47	.0	.3	.3	.3	.2	.1	.0	.0										962	964	1720	1818
46/ 45	.0	.2	.3	.2	.2	.1	.0											814	819	1413	1646
44/ 43	.0	.1	.3	.2	.1	.0	.0											575	579	1118	1375
42/ 41		.1	.2	.2	.1	.0	.0											458	459	1010	1251
40/ 39	.0	.1	.1	.1	.1	.0												320	320	731	1143
38/ 37	.0	.0	.1	.1	.1	.0												189	189	588	995
36/ 35	.0	.0	.1	.1	.0													132	132	377	867
34/ 33	.0	.0	.0	.0	.0													64	64	236	695
32/ 31		.0	.0	.0														35	35	164	695

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

4030 USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-79 (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
30/ 29		.0	.0	.0														13	18	89	515
28/ 27		.0	.0															4	4	43	456
26/ 25			.0															1	1	17	367
24/ 23																				4	202
22/ 21																					171
20/ 19																					139
18/ 17																					91
16/ 15																					70
14/ 13																					29
12/ 11																					11
10/ 9																					8
8/ 7																					6
TOTAL	1.4	17.7	24.5	18.2	11.9	9.9	6.9	4.7	2.4	1.1	.4	.1	.0	.0				87482	87622		87482
																				87482	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	480599925	6336567	72.4	15.722	87482							
Dry Bulb	450322201	6272587	71.6	11.350	87622		5.8	6226.4	4815.4	2216.4	21.3	8760
Wet Bulb	384902780	5732046	65.5	10.324	87482		31.8	4940.5	2722.4	69.0		8760
Dew Point	344978668	5391772	61.6	12.034	87482		276.9	3922.4	1404.1	4.3		8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-79 (YEARS)

HRS (L S T)		JAN	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC	ANNUAL
00-02	MEAN	55.5	55.5	62.4	67.9	72.5	76.5	77.3	76.9	76.1	69.9	62.1	57.4	67.6
	S D	9.194	8.152	6.834	4.347	3.409	2.581	2.454	2.172	2.535	5.227	7.877	8.396	10.092
	TOTAL OBS	930	843	929	900	930	900	930	929	899	930	900	930	10950
03-05	MEAN	54.3	54.3	61.2	66.3	71.0	75.4	76.4	76.1	75.1	68.6	60.8	56.1	66.4
	S D	9.622	8.463	7.253	4.700	3.746	2.512	2.244	1.965	2.415	5.615	8.116	8.756	10.311
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	53.6	53.9	61.2	67.3	72.9	77.3	78.2	77.5	76.0	69.1	60.8	55.6	67.9
	S D	10.021	8.600	7.736	4.993	4.176	3.246	3.005	2.486	2.936	5.792	8.267	9.220	11.211
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	59.1	60.3	68.4	75.3	80.1	83.4	84.4	83.7	82.5	76.9	68.6	62.0	73.6
	S D	10.195	8.493	7.551	4.718	3.901	3.516	3.115	3.273	3.435	5.294	8.255	8.892	11.221
	TOTAL OBS	929	846	930	900	930	900	929	930	900	930	900	930	10954
12-14	MEAN	65.8	66.4	73.7	80.1	84.1	86.9	87.0	86.9	86.4	81.8	74.8	68.1	78.6
	S D	10.357	8.649	7.839	4.375	4.177	3.958	4.015	4.198	3.657	4.801	7.739	8.594	10.274
	TOTAL OBS	928	846	930	900	930	900	930	930	900	930	900	930	10954
15-17	MEAN	65.9	66.3	73.4	79.8	83.8	86.1	85.5	85.3	84.8	81.1	73.8	67.7	77.8
	S D.	9.801	8.331	7.745	4.487	4.269	4.675	4.909	5.190	4.643	4.999	7.642	8.000	9.978
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	929	10954
18-20	MEAN	60.0	60.5	67.9	74.1	78.6	81.6	81.4	80.7	79.7	75.0	67.0	61.5	72.4
	S. D.	9.201	7.800	7.248	4.654	4.164	4.141	4.303	4.089	3.734	5.129	7.584	7.793	10.185
	TOTAL OBS	930	846	930	900	930	900	930	927	900	929	900	928	10950
21-23	MEAN	57.0	57.2	64.5	70.1	74.6	77.9	78.3	78.1	77.2	71.8	63.9	58.8	69.2
	S. D	9.807	7.694	6.815	4.214	3.285	3.056	2.895	2.802	2.770	5.142	7.682	7.987	9.931
	TOTAL OBS	930	845	930	900	930	900	930	926	900	930	900	927	10948
ALL HOURS	MEAN	58.9	59.3	66.6	72.6	77.2	80.6	81.1	80.7	79.7	74.3	66.5	60.9	71.6
	S. D.	10.680	9.503	8.825	6.911	6.208	5.472	5.165	5.184	5.271	7.222	9.456	9.621	11.350
	TOTAL OBS	7437	6764	7439	7199	7440	7200	7439	7432	7199	7439	7200	7434	87622

USAFETAC FORM JUL 64 0-89-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12810 — STATION
MACDILL AFB FL — STATION NAME
67-70,73-79 — YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	52.6	52.2	58.8	63.6	68.1	72.3	73.7	73.3	72.6	66.0	58.6	54.5	63.9
	S D	9.760	8.834	7.379	5.497	4.088	2.547	2.256	2.187	2.469	5.837	8.520	9.292	10.172
	TOTAL OBS	930	828	926	900	930	900	930	929	899	930	900	930	10932
03-05	MEAN	51.6	51.4	58.1	62.7	67.4	72.0	73.4	73.1	72.3	65.1	57.6	53.5	63.3
	S D	10.298	9.212	7.839	5.826	4.402	2.523	2.242	2.092	2.560	6.359	8.864	9.675	10.567
	TOTAL OBS	930	831	927	900	930	900	930	930	900	930	900	930	10938
06-08	MEAN	51.0	51.0	58.0	63.3	68.7	73.3	74.6	74.2	73.0	65.4	57.5	53.1	63.7
	S D	10.733	9.482	8.433	6.038	4.511	2.710	2.467	2.220	2.837	6.617	9.185	10.144	11.263
	TOTAL OBS	930	829	927	900	930	900	930	930	900	930	899	930	10935
09-11	MEAN	54.5	54.7	61.7	66.6	71.5	75.6	77.0	76.7	75.8	69.0	61.7	57.0	66.9
	S D	10.765	9.293	8.556	5.755	4.143	2.404	2.072	2.182	2.637	6.102	8.951	9.779	10.745
	TOTAL OBS	927	830	929	900	930	900	929	930	900	930	900	930	10935
12-14	MEAN	57.6	57.1	63.5	67.7	72.1	76.0	77.0	76.7	76.0	70.1	64.0	59.6	68.2
	S D.	10.085	8.886	8.091	5.437	3.975	2.318	2.283	2.278	2.413	5.345	8.032	8.987	9.655
	TOTAL OBS	928	831	930	900	930	900	930	930	900	930	900	930	10939
15-17	MEAN	57.6	57.0	63.2	67.6	71.9	75.5	76.3	75.8	75.2	69.6	63.4	59.4	67.8
	S. D.	9.518	8.301	7.738	5.083	3.695	2.548	2.628	2.651	2.478	5.031	7.724	8.447	9.300
	TOTAL OBS	930	831	930	899	930	900	930	930	900	930	900	929	10939
18-20	MEAN	55.0	54.7	61.2	65.6	70.2	73.9	73.8	74.5	73.6	67.8	61.1	56.8	65.8
	S D.	9.484	8.354	7.494	5.186	3.743	2.532	2.546	2.452	2.549	5.294	7.552	8.639	9.615
	TOTAL OBS	930	831	930	900	930	900	930	927	900	929	899	928	10934
21-23	MEAN	53.4	53.2	59.8	64.4	68.9	72.7	73.9	73.7	72.9	66.6	59.6	55.4	64.6
	S. D.	9.482	8.480	7.380	5.238	3.775	2.527	2.337	2.294	2.524	5.605	8.177	8.857	9.853
	TOTAL OBS	929	828	930	900	930	900	930	926	900	930	900	927	10930
ALL HOURS	MEAN	54.2	53.9	60.5	65.2	69.9	73.9	75.1	74.7	73.9	67.5	60.4	56.2	65.5
	S. D.	10.295	9.133	8.133	5.810	4.398	2.922	2.740	2.682	2.919	6.074	8.755	9.530	10.324
	TOTAL OBS	7434	6639	7429	7199	7440	7200	7439	7432	7199	7439	7198	7434	87482

USAFETAC FORM JUL 64 0-89-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	49.7	49.0	55.9	60.6	65.5	70.3	71.9	71.6	70.9	63.6	55.6	51.7	61.4
	S D	11.626	10.708	8.947	7.294	5.286	3.159	2.805	2.755	2.908	6.920	10.460	11.327	11.450
	TOTAL OBS	930	828	926	900	930	900	930	929	899	930	900	930	10932
03-05	MEAN	48.8	48.4	55.5	60.2	65.3	70.3	71.9	71.6	70.9	62.9	54.9	51.0	61.1
	S D	12.378	11.275	9.472	7.607	5.460	3.035	2.751	2.637	2.993	7.662	10.964	11.754	11.939
	TOTAL OBS	930	831	927	900	930	900	930	930	900	930	900	930	10938
06-08	MEAN	48.2	48.0	55.4	60.5	66.3	71.4	73.0	72.6	71.6	62.9	54.6	50.5	61.3
	S. D	12.943	11.713	10.298	7.961	5.618	3.075	2.819	2.620	3.208	8.099	11.533	12.356	12.666
	TOTAL OBS	930	829	927	900	930	900	930	930	900	930	899	930	10935
09-11	MEAN	49.9	49.3	56.6	61.1	67.0	72.2	73.9	73.7	72.8	64.3	56.4	52.4	62.5
	S D.	13.783	12.593	11.577	8.725	5.990	3.071	2.700	2.603	3.151	8.377	12.262	12.802	12.866
	TOTAL OBS	927	830	929	900	930	900	929	930	900	930	900	930	10935
12-14	MEAN	50.6	48.9	56.1	59.8	65.9	71.1	72.9	72.3	71.4	63.5	56.2	52.7	61.9
	S D	13.472	12.962	11.600	8.970	6.272	3.463	3.057	2.838	3.289	7.959	11.632	12.672	12.465
	TOTAL OBS	928	831	930	900	930	900	930	930	900	930	900	930	10939
15-17	MEAN	50.4	48.6	55.8	59.9	65.7	70.8	72.3	71.7	70.9	63.0	55.9	52.5	61.5
	S D	12.913	12.304	11.236	8.521	6.087	3.486	3.190	3.206	3.367	7.516	11.244	12.109	12.124
	TOTAL OBS	930	831	930	899	930	900	930	930	900	930	900	929	10939
18-20	MEAN	50.5	49.4	56.2	59.9	65.6	70.3	71.8	71.6	70.7	63.5	56.6	52.7	61.7
	S D.	11.838	11.069	9.933	7.829	5.575	3.234	3.035	2.990	3.247	6.898	10.225	11.165	11.362
	TOTAL OBS	930	831	930	900	930	900	930	927	900	929	899	928	10934
21-23	MEAN	49.9	49.4	56.3	60.5	65.7	70.3	71.8	71.6	70.8	63.6	56.3	52.3	61.6
	S. D	11.414	10.593	9.138	7.273	5.312	3.206	2.893	2.861	3.114	6.815	10.072	10.952	11.231
	TOTAL OBS	929	828	930	900	930	900	930	926	900	930	900	927	10930
ALL HOURS	MEAN	49.8	48.9	56.0	60.3	65.9	70.8	72.4	72.1	71.3	63.4	55.8	52.0	61.6
	S. D.	12.590	11.687	10.328	8.052	5.728	3.288	2.991	2.907	3.228	7.560	11.088	11.931	12.034
	TOTAL OBS	7434	6639	7429	7199	7440	7200	7439	7432	7199	7439	7198	7434	87482

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — PERIOD
JAN — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.7	98.2	93.1	81.7	58.5	22.3	81.2	930
	03-05	100.0	100.0	100.0	99.4	98.0	92.3	82.9	62.6	25.3	82.1	930
	06-08	100.0	100.0	100.0	99.5	98.2	91.8	82.2	65.7	27.5	82.4	930
	09-11	100.0	100.0	99.2	96.2	89.9	79.3	59.8	36.7	10.5	72.7	927
	12-14	100.0	99.7	96.4	88.9	69.8	47.2	25.2	11.1	2.2	59.7	928
	15-17	100.0	99.6	95.9	87.2	69.5	47.7	25.6	10.5	1.6	59.4	930
	18-20	100.0	100.0	99.7	97.1	92.0	78.7	56.2	30.1	6.6	71.8	930
	21-23	100.0	100.0	100.0	99.8	96.3	90.3	74.4	45.3	14.6	77.8	929
TOTALS		100.0	99.9	98.9	96.0	89.0	77.6	61.0	40.1	14.0	73.4	7434

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12810 — STATION
MACDILL AFB FL — STATION NAME
68-70,73-79 — PERIOD
FEB — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.4	97.0	92.8	78.6	52.2	15.9	79.5	828
	03-05	100.0	100.0	100.0	99.5	96.1	91.8	83.2	57.9	20.6	80.9	831
	06-08	100.0	100.0	99.9	98.7	96.3	91.3	81.8	60.4	25.9	81.2	829
	09-11	100.0	99.8	98.3	94.1	84.5	69.4	48.1	28.3	8.4	69.9	830
	12-14	100.0	98.8	92.7	80.5	61.6	36.5	21.2	11.1	2.5	55.9	831
	15-17	100.0	98.0	92.1	79.1	60.0	36.6	19.7	10.2	2.2	55.6	831
	18-20	100.0	100.0	96.8	95.7	88.4	69.8	46.1	23.5	6.1	68.5	831
	21-23	100.0	100.0	100.0	98.9	95.9	81.0	66.7	42.1	11.2	76.0	828
TOTALS		100.0	99.6	97.7	93.2	85.0	71.8	55.7	35.7	11.6	70.8	6639

USAFETAC FORM 0-87-5 (OL-A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,75-79 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.7	98.6	93.6	79.4	48.8	13.7	74.5	926
	03-05	100.0	100.0	100.0	99.7	98.2	93.4	85.3	61.4	19.7	81.9	927
	06-08	100.0	100.0	100.0	99.6	97.3	91.8	82.5	61.5	22.5	81.5	927
	09-11	100.0	100.0	98.9	94.2	84.6	68.2	44.9	22.2	4.3	67.4	929
	12-14	100.0	99.8	94.5	84.9	58.2	35.3	18.8	7.8	2.0	55.9	930
	15-17	100.0	99.5	93.8	81.9	61.1	38.8	22.0	9.0	1.9	56.3	930
	18-20	100.0	100.0	99.1	95.4	85.5	69.2	44.9	22.4	5.2	67.7	930
	21-23	100.0	100.0	100.0	99.7	97.3	86.3	65.7	36.9	11.4	75.4	930
TOTALS		100.0	99.9	98.3	94.4	85.1	72.1	55.4	33.8	10.1	70.7	7429

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12610	MACDILL AFB FL	68-70,73-79	APR
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%		
APR	00-02	100.0	100.0	100.0	99.7	98.8	90.4	71.3	51.0	11.7	78.2	900
	03-05	100.0	100.0	100.0	99.9	97.9	94.2	80.7	60.4	18.0	81.1	900
	06-08	100.0	100.0	99.9	99.6	97.0	92.0	77.6	54.9	16.2	79.6	900
	09-11	100.0	100.0	99.0	92.3	78.4	56.3	32.4	11.7	1.3	62.7	900
	12-14	100.0	99.8	94.7	75.0	49.2	25.1	8.8	2.3	.1	51.3	900
	15-17	100.0	99.8	94.9	75.5	50.9	30.3	12.5	3.2	.1	52.4	899
	18-20	100.0	100.0	99.1	93.0	75.1	54.0	34.8	13.6	2.1	62.7	900
	21-23	100.0	100.0	100.0	99.6	95.1	77.4	57.2	36.1	5.9	72.7	900
TOTALS		100.0	100.0	98.5	91.8	80.3	65.0	46.9	29.2	6.9	67.6	7199

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.8	95.3	78.5	54.0	6.2	79.0	930
	03-05	100.0	100.0	100.0	100.0	99.9	98.3	85.9	65.7	15.5	82.4	930
	06-08	100.0	100.0	100.0	99.9	99.1	96.3	81.9	55.2	12.8	80.3	930
	09-11	100.0	100.0	100.0	97.2	89.2	64.6	33.8	9.7	1.2	65.2	930
	12-14	100.0	100.0	99.0	88.8	62.9	31.4	12.2	5.1	.8	55.5	930
	15-17	100.0	100.0	98.6	87.0	64.0	34.2	14.1	5.4	.9	56.0	930
	18-20	100.0	100.0	100.0	97.0	86.0	64.4	38.7	13.4	1.7	65.7	930
	21-23	100.0	100.0	100.0	99.8	97.6	84.7	67.0	34.9	2.6	74.2	930
TOTALS		100.0	100.0	99.7	96.2	87.3	71.2	51.5	30.4	5.2	69.8	7440

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	99.3	91.1	59.6	7.3	81.2	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	96.8	72.8	15.1	84.0	900
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	93.3	59.1	10.8	81.9	900
	09-11	100.0	100.0	100.0	99.8	97.9	84.3	45.7	11.2	1.8	69.4	900
	12-14	100.0	100.0	100.0	97.6	82.9	46.1	15.7	4.3	1.2	60.3	900
	15-17	100.0	100.0	99.9	96.7	81.8	51.4	19.9	5.6	1.4	61.1	900
	18-20	100.0	100.0	100.0	99.8	96.1	78.0	44.9	15.4	2.7	69.3	900
	21-23	100.0	100.0	100.0	100.0	100.0	96.8	79.4	38.2	5.3	77.5	900
TOTALS		100.0	100.0	100.0	99.2	94.8	82.0	60.9	33.3	5.7	75.1	7200

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.9	94.7	70.0	13.1	83.5	930
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.7	79.9	20.8	85.6	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.0	69.6	15.9	83.8	930
	09-11	100.0	100.0	100.0	100.0	98.6	91.1	50.7	13.8	1.5	71.1	929
	12-14	100.0	100.0	100.0	99.8	91.9	59.0	22.6	7.7	1.9	63.5	930
	15-17	100.0	100.0	100.0	99.7	91.7	64.9	29.4	11.0	2.8	65.5	930
	18-20	100.0	100.0	100.0	99.9	98.0	88.4	59.0	26.1	5.6	73.3	930
	21-23	100.0	100.0	100.0	100.0	100.0	98.3	89.9	53.8	9.4	80.5	930
TOTALS		100.0	100.0	100.0	99.9	97.5	87.7	67.6	41.5	8.9	75.8	7439

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 68-70,73-79 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	95.5	70.0	13.2	83.4	929
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.0	80.6	20.9	85.9	930
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	97.7	75.6	16.6	84.7	930
	09-11	100.0	100.0	100.0	99.9	99.9	93.3	57.1	16.3	1.5	72.2	930
	12-14	100.0	100.0	100.0	100.0	92.2	51.1	19.0	7.2	1.5	62.5	930
	15-17	100.0	100.0	100.0	99.2	88.4	60.4	30.4	12.8	2.6	64.9	930
	18-20	100.0	100.0	100.0	100.0	98.3	90.2	66.5	31.4	6.0	74.5	927
	21-23	100.0	100.0	100.0	100.0	100.0	98.5	88.8	53.5	10.3	80.6	926
TOTALS		100.0	100.0	100.0	99.9	97.4	86.7	69.1	43.4	9.1	76.1	7432

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.7	98.0	73.4	13.6	84.1	899
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	99.4	86.8	23.6	86.6	900
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	99.2	83.0	21.4	86.1	900
	09-11	100.0	100.0	100.0	100.0	99.7	93.6	60.4	18.8	1.3	72.8	900
	12-14	100.0	100.0	100.0	99.8	91.4	49.7	16.3	4.3	.6	61.6	900
	15-17	100.0	100.0	100.0	98.8	88.3	57.3	26.4	12.7	1.4	64.0	900
	18-20	100.0	100.0	100.0	99.8	98.8	89.9	65.7	30.1	4.8	74.5	900
	21-23	100.0	100.0	100.0	100.0	100.0	99.0	89.4	51.6	8.3	80.6	900
TOTALS		100.0	100.0	100.0	99.8	97.3	86.1	69.4	45.1	9.4	76.3	7199

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

12816 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	98.0	84.8	56.3	7.0	80.3	930
	03-05	100.0	100.0	100.0	100.0	99.2	96.7	88.8	65.6	12.5	82.3	930
	06-08	100.0	100.0	100.0	100.0	98.9	94.5	83.4	62.4	14.1	81.1	930
	09-11	100.0	100.0	100.0	96.7	86.9	66.0	37.5	13.5	1.7	65.9	930
	12-14	100.0	100.0	96.5	88.5	61.9	28.0	10.9	3.8	.2	54.6	930
	15-17	100.0	100.0	99.0	87.2	61.4	29.7	13.5	5.3	.5	55.4	930
	18-20	100.0	100.0	100.0	99.2	92.9	71.6	42.9	16.9	2.2	68.2	929
	21-23	100.0	100.0	100.0	100.0	99.6	92.3	71.3	35.3	4.1	75.7	930
TOTALS		100.0	100.0	99.7	96.5	87.6	72.1	54.1	32.4	5.3	70.5	7439

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12810 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.4	96.2	93.1	82.4	54.7	13.6	79.8	900
	03-05	100.0	100.0	100.0	99.0	96.4	92.8	83.9	61.1	17.4	81.2	900
	06-08	100.0	100.0	100.0	99.3	96.0	91.0	79.9	59.6	19.8	80.5	899
	09-11	100.0	100.0	98.6	92.6	82.7	65.4	40.6	21.2	5.3	66.4	900
	12-14	100.0	99.9	94.1	84.8	57.6	28.2	12.9	5.0	.6	54.0	900
	15-17	100.0	99.2	95.1	86.3	58.9	34.9	16.3	7.3	.8	55.4	900
	18-20	100.0	100.0	99.7	98.3	92.8	76.3	49.5	26.1	3.7	70.3	899
	21-23	100.0	100.0	99.9	99.4	97.1	89.7	70.0	42.9	10.3	76.7	900
TOTALS		100.0	99.9	98.4	94.9	84.7	71.4	54.4	34.7	8.9	70.5	7198

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12819 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-78 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.8	97.6	92.3	84.0	59.2	24.4	82.0	930
	03-05	100.0	100.0	100.0	99.7	98.0	92.6	85.5	64.8	28.9	83.4	930
	06-08	100.0	100.0	100.0	99.7	97.5	92.3	82.5	65.7	31.4	83.2	930
	09-11	100.0	100.0	99.9	96.3	88.2	73.7	56.1	36.5	13.5	72.3	930
	12-14	100.0	100.0	96.7	87.5	67.4	45.6	27.2	14.8	4.0	59.8	930
	15-17	100.0	99.9	96.4	87.2	67.5	47.1	29.0	16.8	4.2	60.4	929
	18-20	100.0	100.0	99.7	99.0	93.5	80.1	59.4	38.0	11.6	74.0	928
	21-23	100.0	100.0	100.0	99.7	97.6	92.1	75.5	51.5	19.4	79.5	927
TOTALS		100.0	100.0	99.1	96.1	88.4	77.0	62.4	43.4	17.2	74.3	7434

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
EIAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12510 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-79 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	98.9	96.0	89.0	77.6	61.0	40.1	14.0	73.4	7434
FEB		100.0	99.6	97.7	93.2	85.0	71.8	55.7	35.7	11.6	70.8	6639
MAR		100.0	99.9	98.3	94.4	85.1	72.1	55.4	33.8	10.1	70.7	7429
APR		100.0	100.0	98.5	91.8	80.3	65.0	46.9	29.2	6.9	67.6	7199
MAY		100.0	100.0	99.7	96.2	87.3	71.2	51.5	30.4	5.2	69.8	7440
JUN		100.0	100.0	100.0	99.2	94.8	82.0	60.9	33.3	5.7	73.1	7200
JUL		100.0	100.0	100.0	99.9	97.5	87.7	67.6	41.5	8.9	75.8	7439
AUG		100.0	100.0	100.0	99.9	97.4	86.7	69.1	43.4	9.1	76.1	7432
SEP		100.0	100.0	100.0	99.8	97.3	86.1	69.4	45.1	9.4	76.3	7199
OCT		100.0	100.0	99.7	96.5	87.6	72.1	52.1	32.4	5.3	70.5	7439
NOV		100.0	99.9	98.4	94.9	84.7	71.4	54.4	34.7	8.9	70.5	7198
DEC		100.0	100.0	99.1	96.1	88.4	77.0	62.4	43.4	17.2	74.3	7434
TOTALS		100.0	99.9	99.2	96.5	89.5	76.7	59.0	36.9	9.4	72.4	87482

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

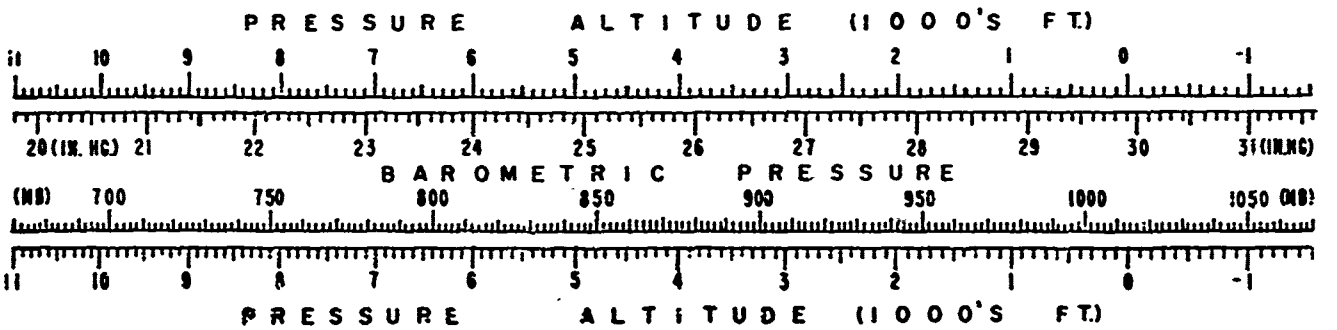
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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74-23967

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12810 MACDILL AFB FL 67-70,73-79
STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	30.100	30.075	30.043	30.026	29.964	29.969	30.024	30.004	29.954	29.983	30.056	30.077	30.023
	S D	.151	.141	.135	.122	.092	.091	.062	.069	.068	.098	.118	.131	.120
	TOTAL OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
04	MEAN	30.089	30.053	30.015	30.003	29.945	29.947	30.001	29.977	29.930	29.964	30.042	30.065	30.002
	S D	.152	.140	.137	.123	.091	.091	.062	.068	.068	.098	.119	.133	.121
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	30.105	30.076	30.049	30.039	29.980	29.979	30.031	30.007	29.961	29.994	30.068	30.084	30.031
	S D	.154	.152	.139	.125	.093	.091	.062	.069	.070	.098	.122	.134	.122
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	30.152	30.118	30.084	30.064	29.999	29.999	30.055	30.033	29.987	30.023	30.102	30.129	30.062
	S D	.153	.145	.139	.126	.094	.091	.062	.069	.068	.099	.123	.133	.124
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	30.103	30.081	30.050	30.033	29.971	29.976	30.035	30.010	29.955	29.976	30.049	30.071	30.026
	S D	.148	.141	.134	.121	.090	.088	.059	.068	.068	.096	.126	.127	.119
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	30.066	30.034	30.002	29.986	29.927	29.937	29.998	29.965	29.912	29.939	30.015	30.041	29.985
	S D	.144	.135	.130	.114	.088	.087	.060	.066	.067	.096	.115	.123	.116
	TOTAL OBS	310	282	310	299	310	300	310	310	300	310	300	310	3651
19	MEAN	30.092	30.055	30.017	29.997	29.938	29.949	30.007	29.977	29.931	29.964	30.042	30.068	30.003
	S D.	.145	.135	.129	.115	.086	.088	.061	.065	.068	.098	.118	.124	.118
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
22	MEAN	30.115	30.083	30.053	30.036	29.979	29.986	30.036	30.014	29.971	30.002	30.071	30.092	30.036
	S D	.150	.141	.132	.119	.089	.089	.061	.065	.068	.099	.120	.126	.118
	TOTAL OBS	310	282	310	300	310	300	310	308	300	310	300	309	3649
ALL HOURS	MEAN	30.103	30.072	30.039	30.023	29.963	29.968	30.023	29.998	29.950	29.981	30.056	30.079	30.021
	S. D.	.151	.143	.136	.123	.093	.091	.064	.071	.072	.101	.123	.131	.122
	TOTAL OBS	2480	2256	2479	2399	2480	2400	2480	2477	2400	2480	2400	2478	29209

USAFETAC FORM JUL 64 0-89-3 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12610 (STATION) MACDILL AFB FL (STATION NAME) 67-70,73-79 (YEARS)

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1020.1	1019.2	1018.1	1017.5	1015.5	1015.6	1017.5	1016.8	1015.1	1016.1	1018.6	1019.3	1017.4
	S D	5.198	4.728	4.568	4.126	3.129	3.047	2.092	2.307	2.302	3.318	4.049	4.447	4.045
	TOTAL OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
04	MEAN	1019.7	1018.5	1017.2	1016.7	1014.8	1014.9	1016.7	1015.9	1014.3	1015.5	1018.1	1018.9	1016.8
	S D	5.149	4.715	4.611	4.149	3.126	3.049	2.083	2.285	2.295	3.295	4.034	4.496	4.093
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	1020.2	1019.3	1018.3	1018.0	1016.0	1016.0	1017.7	1016.9	1015.4	1016.5	1019.0	1019.6	1017.7
	S D	5.207	4.847	4.708	4.252	3.155	3.040	2.094	2.337	2.353	3.322	4.138	4.557	4.096
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
10	MEAN	1021.0	1020.6	1019.5	1018.8	1016.6	1016.6	1018.5	1017.8	1016.3	1017.5	1020.2	1021.1	1018.8
	S D	5.173	4.868	4.679	4.265	3.187	3.051	2.109	2.341	2.292	3.345	4.205	4.512	4.204
	TOTAL OBS	310	282	310	300	310	300	309	309	300	310	300	310	3650
13	MEAN	1020.1	1019.4	1018.3	1017.8	1015.7	1015.9	1017.9	1017.0	1015.2	1015.9	1018.3	1019.1	1017.5
	S D	5.025	4.741	4.523	4.089	3.073	2.960	2.009	2.300	2.293	3.249	4.093	4.316	3.994
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1018.9	1017.8	1016.7	1016.2	1014.2	1014.5	1016.6	1015.5	1013.7	1014.6	1017.2	1018.1	1016.2
	S D	4.889	4.550	4.394	3.874	2.957	2.907	2.033	2.232	2.280	3.251	3.885	4.160	3.908
	TOTAL OBS	310	282	310	298	310	300	310	312	300	310	300	310	3650
19	MEAN	1019.8	1018.5	1017.2	1016.6	1014.6	1015.0	1016.9	1015.9	1014.4	1015.5	1018.1	1019.0	1016.8
	S D	4.917	4.552	4.355	3.872	2.923	2.941	2.062	2.185	2.295	3.337	3.991	4.180	3.972
	TOTAL OBS	310	282	310	300	310	300	309	308	300	309	300	306	3656
22	MEAN	1020.6	1019.5	1018.4	1017.9	1015.9	1016.2	1017.9	1017.2	1015.7	1016.8	1019.1	1019.8	1017.9
	S D	5.091	4.748	4.457	4.028	3.033	2.972	2.056	2.183	2.318	3.351	4.038	4.289	3.983
	TOTAL OBS	310	282	310	300	310	300	310	307	300	309	300	308	3646
ALL HOURS	MEAN	1020.2	1019.1	1018.0	1017.4	1015.9	1015.6	1017.5	1016.6	1015.0	1016.0	1018.6	1019.3	1017.4
	S D	5.125	4.778	4.609	4.158	3.164	3.067	2.158	2.384	2.426	3.404	4.132	4.440	4.088
	TOTAL OBS	2480	2256	2479	2398	2480	2400	2478	2475	2400	2477	2400	2476	29198