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Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MARTIN MARIETTA AIRFIELD MD WBAN# 93744
N 39 20 W 76 25 FLD ELEV 24 FT MTN WMO #

PARTS A-F

POR FROM HOURLY OBS: AUG 70 - FEB 79
POR FROM DAILY OBS: AUG 70 - JUL 76

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Wayne E. McCollom

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

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- 81/029	2 GOVT ACCESSION NO	3. RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Martin Marietta Airfield MD		5 TYPE OF REPORT & PERIOD COVERED Final rept. 6 PERFORMING ORG REPORT NUMBER
7 AUTHOR(s)		8 CONTRACT OR GRANT NUMBER(s)
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18 SUPPLEMENTARY NOTES

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

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometeric 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 statisitical summary of surface weather observations for Martin Marietta Airfield MD.

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)

DD FORM 1 JAN 73 1473

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

Maryland
Martin Marietta Airfield, MD

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 occurance or cumulative percentage frequency of occuring tables.

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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	PART E	DAILY MAX, MIN, & MEAN TEMP
	ATMOSPHERIC PHENOMENA		EXTREME MAX & MIN TEMP
PART B	PRECIPITATION		PSYCHROMETRIC-DRY VS WET BULB
	SNOWFALL		MEAN & STD DEV. (DRY BULB, WET BULB, & DEW POINT)
	SNOW DEPTH		RELATIVE HUMIDITY
PART C	SURFACE WINDS		
PART D	CEILING VERSUS VISIBILITY	PART F	STATION PRESSURE
	SKYCOVER		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: 0000-0230, 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 00-02, 03-05	APRIL 00-02, 03-05	JULY 00-02, 03-05	OCTOBER 00-02, 03-05
FEBRUARY "	MAY "	AUGUST "	NOVEMBER "
MARCH "	JUNE "	SEPTEMBER "	DECEMBER "

S74 29868

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
93744	MARTIN-MARIETTA/MARYLAND	N39 20	W 76 25	24	MTN	

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			STATION (FT)	TYPE BAROMETER	
1	Martin Marietta Airfield MD		Aug 70	Feb 79	N 39 20	W 76 25	24 ft	45 ft	15

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	Aug 70	Located 500 ft from centerline and and 2400 ft from end of rnwy 14.	TMQ-15	RO-362	28 ft	
2	Feb 79	Same	Same	Same	Same	

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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												
	03-05												
	06-08		9.2	1.4	3.4		14.0	20.4	7.0			24.6	358
	09-11		8.2	.7	4.0		12.6	19.6	10.8			27.8	729
	12-14	.1	7.3	.7	4.1		11.7	14.4	11.2	.3		24.9	716
	15-17		8.3	.2	2.5		11.0	12.8	7.4	.3		18.9	647
	18-20		5.9	1.3	4.6		11.2	9.0	3.0			11.4	525
	21-23		6.8	1.0	7.0		14.5	6.5	1.7			7.7	414
TOTALS		.0	7.6	.9	4.3		12.5	13.8	6.9	.1		19.2	3389

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-75 (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												1
	03-05												2
	06-08		4.5	1.8	3.9		10.1	18.2	11.9	.6		28.4	335
	09-11	.1	5.2	1.5	5.4		11.7	16.5	13.4	.3		26.9	673
	12-14		6.5	.4	4.8		11.2	11.4	11.6	.3		21.0	649
	15-17	.2	7.2	.7	4.1		11.5	11.2	8.9	.3		19.0	615
	18-20		7.7	1.2	5.9		14.9	13.2	8.6	.6		20.8	491
	21-23		8.4	.5	7.8		16.5	13.7	5.8	.8		16.5	395
TOTALS		.0	4.9	.8	4.0		9.5	10.5	7.5	.4		16.6	3161

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WEATHER CONDITIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) MAR (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.
MAR	00-02												2
	03-05												
	06-08	.3	11.1	.6	2.7		14.2	22.0	15.1	.3		32.8	332
	09-11		13.2		2.2		14.9	16.7	14.1			28.2	645
	12-14	.3	12.1		2.1		13.6	15.0	9.3			22.4	634
	15-17	.3	7.5	.2	.9		8.6	10.6	7.2			16.8	573
	18-20	.9	7.3		1.1		8.5	8.0	2.7			10.0	449
	21-23	.3	6.7		1.4		7.8	7.2	1.7			8.4	345
TOTALS		.3	8.3	.1	1.5		9.7	11.4	7.2	.0		16.9	2980

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WEATHER CONDITIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02												1
	03-05												4
	06-08	.6	10.1		.3		10.1	8.9	10.4			17.8	338
	09-11	.3	9.3				9.3	7.6	7.7			15.0	621
	12-14	.3	9.4				9.4	7.4	3.7			11.0	618
	15-17	.5	6.6	.2			6.8	5.6	3.8			8.9	572
	18-20		6.6	.4			7.0	5.3	3.5			7.9	456
	21-23	.3	8.9	.0	.3		9.3	4.9	1.2			6.2	325
TOTALS		.3	6.4	.2	.1		6.5	5.0	3.8			8.4	2935

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WEATHER CONDITIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02												2
	03-05												
	06-08	.4	14.3				14.3	31.1	21.7			43.6	488
	09-11	.3	11.5				11.5	18.0	18.3			33.1	635
	12-14	.3	11.7				11.7	11.0	18.1			27.3	626
	15-17	1.3	12.8				12.8	8.9	15.6			22.8	539
	18-20	2.4	11.1				11.1	8.8	16.4			23.2	452
	21-23	.5	11.6				11.6	12.0	8.3			18.5	216
TOTALS		.7	10.4				10.4	12.8	14.1			24.1	2958

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUN (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.
JUN	00-02												1
	03-05												
	06-08	.6	5.2				5.2	24.3	35.1			48.1	478
	09-11	.3	5.9				5.9	10.9	33.3			39.1	624
	12-14	.5	4.4				4.4	3.9	30.6			32.4	618
	15-17	2.9	5.6				5.6	1.9	24.6			25.3	517
	18-20	2.5	8.0				8.0	3.7	21.6			25.3	435
	21-23	4.7	6.6				6.6	5.2	12.7			16.4	213
TOTALS		1.6	5.1				5.1	7.1	22.6			26.7	2886

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	00-02												
	03-05							50.0	50.0			100.0	2
	06-08	.6	5.1				5.1	27.3	42.1			52.8	487
	09-11	.3	5.3				5.3	8.5	41.3			45.8	627
	12-14	.8	4.1				4.1	3.4	40.4			41.9	616
	15-17	2.3	6.3				6.3	2.5	38.3			39.8	525
	18-20	4.1	6.9				6.9	5.7	34.6			37.1	437
	21-23	2.8	6.9				6.9	6.9	25.3			28.1	217
TOTALS		1.6	4.9				4.9	14.9	38.9			49.4	2911

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (YEARS) AUG (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.
AUG	00-02												
	03-05								50.0			50.0	4
	06-08		2.2				2.2	35.1	50.1			64.7	587
	09-11	.1	3.1				3.1	10.2	50.9			53.7	738
	12-14	1.2	3.6				3.6	4.4	43.7			45.4	721
	15-17	3.1	6.4				6.4	4.2	39.4			42.1	642
	18-20	4.0	9.1				9.1	5.6	34.7			38.2	519
	21-23	4.5	9.4				9.4	7.9	27.0			30.3	267
TOTALS		1.8	4.8				4.8	9.6	42.3			46.3	3478

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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												
	03-05		100.0				100.0	100.0				100.0	1
	06-08	.9	8.9				8.9	33.0	35.5			55.6	561
	09-11	.3	6.9				6.9	12.3	35.9			43.4	708
	12-14	.3	5.2				5.2	6.0	28.6			33.0	697
	15-17	1.8	5.7				5.7	2.8	25.2			27.0	599
	18-20	1.2	6.1				6.1	4.1	21.2			23.7	510
	21-23	.8	5.4				5.4	7.7	12.6			18.4	261
TOTALS		.6	19.7				19.7	23.7	22.7			43.0	3337

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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												
	03-05												3
	06-08		9.1				9.1	32.9	15.2			40.2	560
	09-11		9.8				9.9	16.8	22.4			35.7	736
	12-14		8.3		.1		8.3	8.9	16.8			24.1	721
	15-17	.2	7.0				7.0	5.9	10.6			16.5	630
	18-20		6.8		.2		7.0	5.5	6.2			11.8	544
	21-23	.7	8.9				8.9	8.5	5.3			12.8	282
TOTALS		.1	7.1		.0		7.2	11.2	10.9			20.2	3476

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

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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												1
	03-05												
	06-08		8.2	.3	.9		9.4	30.8	16.6			37.8	331
	09-11		7.9	.3	.7		8.7	19.0	17.0			32.3	699
	12-14		9.2		.4		9.5	15.3	11.6			24.3	692
	15-17		9.5		.6		9.6	11.5	12.0			22.7	633
	18-20	.4	11.6		.5		12.0	12.4	4.9			16.7	491
	21-23		10.6		.2		10.9	14.6	3.0			16.8	405
TOTALS		.1	8.1	.1	.5		8.6	14.8	9.3			21.5	3252

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-76 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02												
	03-05												1
	06-08		11.7		.9		12.7	17.7	9.2			23.1	316
	09-11		11.2	.2	.9		12.3	14.3	12.5			24.0	658
	12-14		10.4		1.2		11.5	12.6	10.7			20.5	644
	15-17		11.5		.7		12.1	11.3	9.1			19.1	593
	18-20		10.9		1.0		11.7	9.3	2.1			11.3	486
	21-23		13.1		2.3		15.4	10.4	2.3			12.6	396
TOTALS			9.8	.0	1.0		10.8	10.8	6.6			15.8	3094

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

93744 (STATION) MARTIN MARIETTA AIR FIELD MD (STATION NAME) 70-79 (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	.0	7.6	.9	4.3		12.5	13.8	6.9	.1		19.2	3389
FEB		.0	4.9	.8	4.0		9.5	10.5	7.5	.4		16.6	3161
MAR		.3	8.3	.1	1.5		9.7	11.4	7.2	.0		16.9	2980
APR		.3	6.4	.2	.1		6.5	5.0	3.8			8.4	2935
MAY		.7	10.4				10.4	12.8	14.1			24.1	2958
JUN		1.6	5.1				5.1	7.1	22.6			26.7	2886
JUL		1.6	4.9				4.9	14.9	38.9			49.4	2911
AUG		1.6	4.6				4.8	9.6	42.3			46.3	3478
SEP		.8	19.7				19.7	23.7	22.7			43.0	3337
OCT		.1	7.1		.0		7.2	11.2	10.9			20.2	3476
NOV		.1	8.1	.1	.5		8.6	14.8	9.3			21.5	3252
DEC			9.8	.0	1.0		10.8	10.8	6.6			15.8	3094
TOTALS		.6	8.1	.2	1.0		9.1	12.1	16.1	.0		25.7	37857

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms 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 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 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 columns may not equal the total columns.

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

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 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	.7	26.3	2.6	14.5		32.9	30.3	32.2			41.4	152
FEB		2.8	32.6	5.0	16.3		38.3	30.5	28.4			45.4	141
MAR		3.3	32.7	.7	6.5		35.9	30.7	30.1	.7		41.2	153
APR		5.3	33.3	1.3	2.0		33.3	20.0	22.7			32.7	150
MAY		12.6	45.0			.7	45.0	35.1	38.4			51.7	151
JUN		14.9	33.1			.7	33.1	33.1	60.1			65.5	148
JUL		14.3	31.0			.6	31.0	33.9	63.1			64.3	168
AUG		11.7	26.6			.4	26.6	39.6	66.9			68.2	154
SEP		8.2	29.3				29.3	38.8	56.5			61.2	147
OCT		.7	28.8		.7		28.8	44.4	51.6			57.5	153
NOV		2.1	31.5		4.2		32.2	27.3	33.6			39.9	143
DEC			35.8		8.2		39.6	29.9	28.4			39.6	134
TOTALS		6.4	32.2	.8	4.4	.2	33.8	32.8	42.7	.1		50.7	1794

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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

DATA NOT AVAILABLE

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."

C

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 date 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 Jun 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 (NWS)	
Beginning thru 1945	at 0600LST	Beginning thru Jun 56	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 56-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02 05	06 10	11 25	26- 50	51-1 00	1 01-2 50	2 51 5.00	5 01 10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1-0 4	0 5 1 4	1 5 3 4	3 5 5 4	5 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	53.3	4.6	1.3	7.9	5.3	10.5	7.9	6.6	2.0	.7				42.1	152	.00	6.66	2.60
FEB	46.1	9.2	5.7	6.4	7.1	12.1	3.5	7.8	2.1					44.7	141	.00	5.35	1.04
MAR	51.6	5.9	3.3	7.8	5.9	9.8	8.5	6.5	.7					42.5	153	.00	3.74	1.67
APR	56.0	4.7	3.3	4.7	4.0	6.7	8.0	9.3	3.3					39.3	150	.00	6.67	1.82
MAY	40.4	10.6	.7	11.3	4.6	8.6	11.3	8.6	4.0					49.0	151	.00	3.81	2.88
JUN	49.3	7.4	1.4	9.5	4.7	4.1	7.4	10.1	5.4		.7			43.2	148	.00	10.93	3.15
JUL	54.2	3.6	3.0	10.7	4.2	8.9	4.8	5.4	3.6	1.8				42.3	168	.00	10.16	2.02
AUG	61.0	5.2	3.9	5.2	5.8	4.5	4.5	7.8	.6	.6	.6			33.8	154	.00	13.67	1.44
SEP	56.5	5.4	4.8	6.8	3.4	5.4	4.8	4.8	7.5	.7				38.1	147	.00	9.74	.68
OCT	66.0	3.3	1.3	9.2	7.8	3.3	.7	4.6	3.9					30.7	153	.00	6.19	1.68
NOV	59.4	4.2	.7	4.9	9.1	7.0	4.2	5.6	4.9					36.4	143	.00	7.01	1.37
DEC	50.7	7.5	3.7	7.5	5.2	9.0	6.0	3.7	6.7					41.8	134	.00	6.31	1.29
ANNUAL	53.7	6.0	2.8	7.7	5.6	7.5	6.0	6.7	3.7	.3	.1			40.3	1794	.00		

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

GLOBAL CLIMATOLOGY BRANCH
MARIETTA
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

93744 STATION | MARTIN MARIETTA AIRFIELD MP STATION NAME | 70-76 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06-10	11 25	26 50	51-1 00	1 01-2 50	2 51-5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1-0 4	0 5 1 4	1.5-3.4	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	84.2	11.6	.7	1.3	.7		.7	.7						3.9	152	.0	6.8	.0
FEB	79.4	12.1	.7	4.3	1.4			2.1						8.9	141	.0	11.0	TRACE
MAR	92.2	3.9	1.3	1.3	1.3									3.9	155	.0	3.1	.0
APR	98.7	1.3													150	TRACE	TRACE	.0
MAY	100.0														151	.0	.0	.0
JUN	100.0														149	.0	.0	.0
JUL	100.0														148	.0	.0	.0
AUG	100.0														154	.0	.0	.0
SEP	100.0														149	.0	.0	.0
OCT	99.3	.7													150	TRACE	TRACE	.0
NOV	95.8	4.2													143	TRACE	TRACE	.0
DEC	91.6	5.2	.7	.7	.7		.7							3.0	134	.0	4.0	.0
ANNUAL	95.1	3.3	.2	.4	.3		.1	.2						1.4	1794	.0		

12-0 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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USAF WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93764 MARTIN MARIETTA AIRFIELD MD 70-76
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 1 00	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	78.9	15.1	3.9		.7	1.3								5.9	152			
FEB	85.1	8.5	2.1	2.1	1.4		.7							6.4	141			
MAR	96.7	2.0	.7	.7										1.3	150			
APR	100.0														150			
MAY	100.0														151			
JUN	100.0														148			
JUL	100.0														155			
AUG	100.0														154			
SEP	100.0														147			
OCT	100.0														155			
NOV	100.0														149			
DEC	95.5	2.2	.7	1.5										2.2	154			
ANNUAL	96.3	2.3	.6	.4	.2	.1	.1							1.3	1794			

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

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PART C SURFACE WINDS

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

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
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SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	2.2	1.4	1.1									4.7	4.6
NNE	1.1	1.4	1.7									4.2	5.3
NE	.3	1.7	.6									2.5	5.3
ENE	.3	.6	2.2	.6	.3							3.9	9.0
E	.6	1.7	.6	.6								3.4	6.5
ESE		.3	.3									.6	7.0
SE	.3	1.4										1.7	4.7
SSE	.6	.6										1.1	4.0
S	.6	.6	.6	.3								2.0	5.7
SSW	.3	.8	.3									1.4	4.6
SW	1.1	1.1	1.4		.3							3.9	6.4
WSW	1.4	1.4	.6	.6	.3	.3						4.5	7.8
W		3.9	6.7	2.2	.6							13.4	8.7
WNW	.6	1.1	4.5	3.6	.3							10.1	9.5
NW	3.1	5.0	3.6	2.0	.6							14.2	7.2
NNW	2.2	1.4	2.0	.3								5.9	5.9
VARBL													
CALM												22.6	
	14.5	24.3	26.0	10.1	2.2	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 358

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

GLOBAL CLIMATOLOGY BRANCH
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SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	.8	1.1	1.3	1.1								4.3	7.8
NNE	.6	1.0	.6	.4								2.5	6.7
NE	.6	1.4	1.4	.6								3.9	6.9
ENE	.1	2.0	1.1	.1								3.4	6.5
E	.6	2.0	.1	.1								2.8	5.1
ESE	.4	1.7	1.4		.3							3.8	7.0
SE	.8	3.1	2.4									6.3	5.9
SSE	.4	2.8	2.1	.4								5.7	6.8
S	.8	1.3	1.3	.4								3.8	6.6
SSW	.4	1.0	1.5	.3								3.2	7.0
SW	.3	1.1	2.2	.3								3.9	7.5
WSW	.3	.7	2.1	.3	.6							3.9	9.9
W	.3	1.3	5.7	4.2	1.8	.3						13.5	11.8
WNW	.1	1.5	6.7	6.4	.8							15.6	11.3
NW	.6	1.7	4.9	4.1	.8	.3						12.3	10.8
NNW	.3	1.1	2.4	1.8	.1							5.7	9.7
VARBL													
CALM												5.3	
	7.4	24.6	37.2	20.5	4.5	.6						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 716

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	.8	1.4	1.7	.6								4.6	7.4
NNE	.3	.3	.6	.6								1.9	8.8
NE	.3	1.1	.9	.3								2.6	6.6
ENE	.3	1.9	.9	.3								3.4	6.3
E	1.7	2.5	.5		.2							4.8	4.8
ESE	1.4	2.0	1.1	.2								4.6	5.1
SE	1.7	2.6	.9									5.3	4.8
SSE	.9	2.2	2.6									5.7	6.4
S	.3	2.0	2.5	.2								4.9	7.1
SSW	.3	.6	.9									1.9	6.1
SW	.3	.8	.8	.2								2.0	6.5
WSW	.2	.6	1.7	.3	.2							2.9	8.8
W	.2	1.2	5.6	5.6	1.5	.3	.2					14.5	12.1
WNW	.3	.8	6.3	6.8	1.1							15.3	11.5
NW	.2	1.4	7.3	2.6	1.1							12.5	10.3
NNW	.2	1.5	3.7	1.1								6.5	8.6
VARBL													
CALM												6.5	
	9.3	22.9	38.0	18.9	4.0	.3	.2					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	1.0	2.5	1.0									4.4	5.1
NNE	.2	.8	1.1	.2	.4							2.7	9.1
NE	.8	.4	.2									1.3	4.0
ENE	.8	1.1	.8	.6								3.2	6.6
E	.6	1.5	1.0									3.1	5.5
ESE	1.0	1.5	.2									2.7	4.1
SE	.4	.4	.2									1.0	4.2
SSE	.4	2.5	1.3									4.2	5.9
S	.6	4.2	1.3	.4								6.5	6.1
SSW	.6	.8	.8									2.1	5.9
SW	.2	.6	.4									1.1	5.3
WSW	.2	1.5	2.1	.8								4.6	8.2
W	.4	3.2	7.3	1.9	1.5	.2						14.5	9.8
WNW	1.1	2.7	7.6	4.8	1.1	.2	.2					17.7	10.4
NW	1.3	1.5	4.8	2.1	.4	.2						10.3	9.3
NNW	1.9	1.1	.8	.0	.4							4.8	6.7
VARBL													
CALM												15.8	
	11.3	26.3	30.7	11.3	3.8	.6	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	1.2	1.0	.5									2.7	3.6
NNE	.7	1.7	.5	.7								3.6	6.6
NE	.2	.7	.5		.2							1.7	7.6
ENE	.5	1.0	.7									2.2	5.8
E	.7	1.2	.7	.2								2.9	5.6
ESE	.5	1.4	.7									2.7	6.2
SE	.7	.5	.2									1.4	4.7
SSE	.7	1.2	.5									2.4	4.7
S	.7	2.2	1.2	1.2	.2							5.6	7.9
SSW	.5	1.0										1.4	4.0
SW			.5									.5	7.5
WSW		1.0	.5	.2								1.7	7.3
W		3.4	7.7	2.9	1.4							15.5	10.3
WNW	.5	3.6	9.7	5.6	1.2							20.5	10.3
NW	.7	3.9	2.9	2.2	.5	.2						10.4	8.7
NNW		1.0	.2	.5	.2							1.9	9.6
VARBL													
CALM												22.9	
	7.7	24.6	27.1	13.5	3.9	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 414

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	1.1	1.5	1.5	.4								4.5	6.4
NNE	.5	1.1	.9	.4	.1							2.9	6.9
NE	.5	1.2	.9	.2	.0							2.8	6.2
ENE	.5	1.7	1.2	.3	.1							3.7	6.6
E	.9	1.7	.5	.2	.0							3.3	5.4
ESE	.6	1.5	.7	.0	.1							2.9	5.6
SE	.7	1.6	.8									3.2	5.2
SSE	.6	1.7	1.3	.1								3.7	6.2
S	.8	2.0	1.3	.4	.0							4.6	6.3
SSW	.5	1.0	.8	.1	.0							2.4	5.9
SW	.4	.9	1.1	.2	.0							2.7	6.6
WSW	.5	1.2	1.7	.4	.2	.1						4.0	8.3
W	.2	2.1	6.1	3.6	1.4	.1	.0					13.8	10.9
WNW	.5	2.1	6.7	4.9	.9	.0	.0					15.2	10.6
NW	.9	2.3	4.9	3.0	.6	.1						12.0	9.6
NNW	.9	1.3	2.1	1.2	.1							5.6	8.1
VARBL													
CALM												12.7	
	10.1	25.0	32.4	15.6	3.7	.4	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 3388

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.3	1.2	.9	.3	.3						6.9	7.8
NNE	.6	2.7	2.7									6.0	6.3
NE	1.8	1.2	.9	.3								4.2	5.6
ENE	.3	3.0	2.1		.3							5.7	7.2
E	.6	1.5	.3									2.4	4.8
ESE	.3	.3	.3									.9	5.0
SE		.3	.6									.9	7.3
SSE	.9											.9	1.3
S	1.5	1.2	.6	.3								3.6	5.0
SSW	1.2	.6										1.8	3.2
SW	.3	.9	.3									1.5	4.8
WSW	.6	1.2	.9	.3								3.0	6.7
W	.3	3.0	3.0	1.8	.3							8.4	8.4
WNW	2.4	2.7	7.2	1.5								13.7	7.5
NW	.9	3.0	3.6	1.5	.6	.3						10.4	8.6
NNW	2.4	2.4	2.7	.3	.3							8.1	6.0
VARBL													
CALM												21.8	
	14.9	27.8	26.3	6.9	1.8	.8						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 335

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	.3	1.3	3.9	1.6	.1							7.3	9.0
NNE	.4	1.6	1.9	.1								4.2	6.8
NE	.3	1.9	2.2	.7								5.2	7.5
ENE	.6	3.3	1.2	.6								5.6	6.4
E	.9	1.6	1.0	.3		.3						4.2	7.4
ESE	.6	2.7	.3									3.6	4.9
SE	.6	1.2	.7	.3								2.8	6.5
SSE	.9	1.5	1.0									3.4	5.3
S	.9	2.4	.9	.1	.1	.1						4.6	6.7
SSW	.7	2.2	.6	.3								3.9	5.7
SW	.4	1.3	.9	.3								3.0	6.3
WSW		1.8	1.8	.7		.1						4.5	8.5
W	.1	1.9	3.1	2.7	.4	.1						8.5	10.1
WNW	.1	1.3	6.1	3.1	.6							11.3	10.2
NW	.3	1.9	5.3	3.9	1.3	.3						13.1	10.9
NNW	.3	.7	2.8	1.6	.1							5.8	9.4
VARBL													
CALM												9.2	
	7.6	26.8	33.9	16.0	2.8	1.0						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 673

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	.2	1.1	2.6	1.5	.2							5.5	9.4
NNE		1.5	.8	.3								2.6	7.1
NE	.2	.8	2.0	.5								3.4	8.2
ENE	.3	1.4	2.3	.3								4.3	7.5
E	.5	2.3	1.2									4.0	5.6
ESE	.6	2.5	1.4									4.5	5.7
SE	.8	3.5	4.6									8.9	6.6
SSE	.3	3.4	2.8	1.2								7.7	7.7
S	.3	2.0	2.6	1.2	.3	.2						6.6	9.0
SSW	.3	.5	.3	.2								1.2	6.5
SW	.2	.9	.8	.3								2.2	7.5
WSW	.2	.2	2.2	.6								3.1	9.5
W		2.2	2.8	4.2	1.2							10.3	11.2
WNW	.3	.8	4.9	5.2	.9							12.2	11.4
NW	.2	.6	5.4	4.9	2.2							13.3	12.0
NNW	.3	1.5	2.6	2.5	.3							7.2	10.0
VARBL													
CALM												2.9	
	4.5	25.1	39.3	23.0	5.1	.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 649

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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		1.8	3.4	.6	.2							6.2	8.7
NNE	.2	.5	2.1	.2								2.9	8.1
NE	.2	1.1	.8	.2								2.3	6.6
ENE		2.8	2.0	.3								5.0	6.7
E	.5	2.3	1.3									4.1	5.9
ESE	.5	3.1	.7	.2								4.4	5.4
SE	1.3	4.4	2.6	.3								8.6	6.1
SSE	.5	3.3	4.1	1.1								8.9	7.4
S	.3	2.4	3.7	1.3								7.8	8.0
SSW		1.1	.3	.3								1.8	7.5
SW	.2	.5	1.0	.2	.2							2.0	9.0
WSW	.2	.3	1.8	1.1								3.4	10.1
W	.2	.7	3.1	3.1	1.0							8.0	11.8
WNW	.2	.7	5.9	3.9	1.0							11.5	11.3
NW	.2	1.5	7.0	4.7	1.1	.2						14.6	11.0
NNW		.3	4.6	1.4	.3							6.2	10.0
VARBL													
CALM												2.3	
	4.2	26.7	44.2	18.7	3.7	.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 615

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	4.1	1.6	.4	.2							7.9	6.0
NNE	1.2	2.2	1.8	.2								5.5	6.0
NE	.4	1.6	2.0									4.1	6.8
ENE	.5	2.0	1.6	.4								4.9	6.0
E	1.0	1.2	1.0	.4								3.7	6.3
ESE	1.2	.6	.4									2.2	3.8
SE	1.4	1.2	.4									3.1	4.4
SSE	.6	1.8	1.2	.2								3.9	6.2
S	1.2	2.9	3.1	.6								7.9	6.9
SSW	.2	.6	.4									1.2	5.7
SW		1.2	1.8	.4								3.5	8.1
WSW		.6	.2	.2								1.0	6.8
W		2.0	3.1	1.2								6.3	8.7
WNW		1.8	6.9	4.1	.8							13.6	10.3
NW	.8	3.9	3.5	2.4	.8							11.4	8.8
NNW	.6	2.6	2.4	.6								6.5	6.8
VARBL													
CALM												13.2	
	11.4	30.5	31.6	11.4	1.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 491

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	1.5	2.3	.8	.3								4.8	5.2
NNE	.8	2.3	2.3									5.3	6.3
NE	.5	2.3	1.8	.3								5.1	6.3
ENE	.5	1.8	.8	.3	.8							4.1	8.6
E	.3	2.0	.3	.3								2.9	6.1
ESE	.3	1.3	.3									1.8	4.9
SE		1.0										1.0	4.8
SSE	.3	.8	.5									1.5	6.3
S	.3	2.3	.5									3.0	5.3
SSW	.3	.5										.8	4.3
SW	.3	.3										.5	3.5
WSW	.3	1.5	.8	.2								3.0	6.9
W	.3	1.0	2.5	1.5	.5	.3						6.1	10.9
WNW	.8	4.3	3.8	5.6	.5							15.0	9.5
NW	1.5	4.1	4.6	1.0	1.0							12.9	8.6
NNW	1.6	2.8	.8	.3	.3							5.8	5.5
VARBL													
CALM												28.4	
	9.0	30.5	19.5	10.7	3.0	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 394

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	.6	2.1	2.5	1.6	.2	.1						6.5	8.0
NNE	.5	1.7	1.8	.2								4.1	6.7
NE	.5	1.5	1.7	.3								4.0	7.0
ENE	.4	2.4	1.7	.3	.1							4.9	6.9
E	.6	1.9	1.0	.2		.1						3.7	6.2
ESE	.6	2.0	.6	.0								3.2	5.1
SE	.8	2.2	1.7	.1								4.8	6.1
SSE	.6	2.0	1.8	.5								4.9	6.9
S	.7	2.2	2.1	.7	.1	.1						5.9	7.4
SSW	.4	1.0	.3	.2								1.9	5.8
SW	.2	.9	.9	.2	.0							2.2	7.3
WSW	.2	.9	1.4	.6		.1						3.1	8.6
W	.1	1.7	2.9	2.6	.6	.1						8.1	10.4
WNW	.5	1.7	5.8	4.3	.7							12.6	10.2
NW	.5	2.3	5.1	3.5	1.3	.1						12.9	10.4
NNW	.7	1.6	2.8	1.2	.2							6.5	8.4
VARBL													
CALM												10.7	
	7.9	28.0	34.1	15.7	3.2	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 3157

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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	1.2	1.8	2.1	.9								6.0	6.9
NNE	.9	3.0	1.5									5.0	5.4
NE	.3	2.7	2.4	.6								6.0	7.2
ENE		2.4	2.7	1.2								6.3	7.7
E	1.5	3.6	1.2	.3								6.6	5.4
ESE	.6	.9	.6	.6								2.7	7.4
SE	.3	.9	.9	.3								2.4	7.1
SSE	1.5	.3	.6									2.4	4.4
S	.6	1.8	.9	1.2								4.5	7.2
SSW		1.2	1.2	.6								3.0	8.1
SW		.3	.9									1.2	6.8
WSW	.3	.6	.9									1.8	7.2
W	1.2	4.8	2.1	2.4								10.6	7.2
WNW	.6	2.4	4.8	3.3	.3	.3						11.8	9.6
NW	1.5	1.8	4.5	2.1	.3							10.3	8.6
NNW	.9	.6	2.1	.9								4.5	7.6
VARBL													
CALM												13.6	
	11.2	29.9	29.0	14.5	.6	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 331

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	1.7	1.7	.2							4.8	9.5
NNE		.8	1.6	1.1								3.4	9.1
NE	.3	2.6	2.9	.8								6.7	7.6
ENE	.3	2.8	4.2	.6								7.9	7.4
E	.5	2.0	2.8	.3								5.6	6.9
ESE	1.7	2.9	1.9	.2	.2							6.8	6.0
SE	1.1	2.2	1.2	.3								4.8	5.9
SSE	.6	1.6	2.2	1.7	.2							6.2	8.4
S	.3	1.6	1.9	.6	.2							4.7	8.0
SSW	.2	.9	1.2	.2	.2							2.6	8.0
SW	.3	.2	.6	.5								1.6	8.6
WSW	.3	.9	1.4	.5								3.1	8.1
W	.2	.8	2.2	1.7	.8	.5						6.0	12.0
WNW	.2	.6	4.8	3.4	1.7							10.7	12.0
NW	.3	.9	5.7	5.1	1.2	.5						13.8	11.8
NNW	.3	.9	3.1	1.6								5.9	9.4
VARBL													
CALM												5.4	
	7.1	22.3	39.4	20.3	4.5	.4						100.0	8.6

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.8	1.9	1.3								4.1	9.7
NNE	.3	.6	1.6	.6								3.2	8.5
NE	.5	.9	1.7	1.3								4.4	8.5
ENE	.2	2.1	3.6	.8	.2							6.8	8.3
E	.3	1.9	1.6	.5								4.9	6.4
ESE	.6	3.3	2.1	.2								6.2	6.1
SE	.8	4.1	5.2	1.4								11.5	7.5
SSE	.3	2.2	4.3	.6								7.4	7.7
S	.5	1.9	3.5	.8								6.6	7.8
SSW		.9	.9	.6	.2							2.7	9.1
SW		1.1	1.3	.3								2.7	7.6
WSW		.2	1.1	.3				.2				2.4	11.8
W		.9	3.8	3.5	1.3	.3						9.8	12.0
WNW	.2	.8	4.7	3.3	.8	.5						10.3	11.9
NW		.2	4.4	4.1	2.2	.2						11.1	13.1
NNW		.6	1.9	1.4	.3	.2						4.4	11.3
VARBL													
CALM												1.6	
	4.4	22.6	43.6	21.6	4.9	1.1		.2				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 633

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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	.3	.3	3.3	1.7								5.8	9.6
NNE	.2	.2	1.9	.9	.2							3.3	9.8
NE	.2	.5	1.4	.5								2.6	9.0
ENE	.5	1.2	2.3	.2								4.2	7.2
E	.7	1.7	2.3									4.7	6.4
ESE	.7	2.8	1.4									4.9	6.0
SE		3.0	2.6									5.6	7.0
SSE	.5	3.8	2.9	1.4								14.7	8.2
S	.3	1.6	4.7	1.5	.5							9.1	9.7
SSW		.2	.3									.5	8.7
SW		.2	.2									.3	6.5
WSW		.2	1.6	.2	.3							2.3	10.6
W		.9	5.6	4.2	.7	1.2						12.6	12.3
WNW		1.4	4.4	4.7	2.3							12.7	12.1
NW		.3	3.1	4.2	1.4	.5						9.6	13.6
NNW		1.2	1.9	2.3	.2							5.6	10.3
VARBL													
CALM												1.6	
	3.5	19.5	45.9	22.2	5.6	1.7						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.9	3.1	.9								7.4	7.6
NNE	1.3	.9	2.2	.9								5.4	7.2
NE	.9	.9	1.6	.4								3.8	6.8
ENE	.2	1.8	.9	.7								3.6	7.2
E	1.6	1.3	1.0	.4								4.9	6.3
ESE		2.2	.4									2.7	5.8
SE	1.3	2.2	.4	.2								4.2	4.7
SSE	1.1	1.6	2.7	.2								5.6	6.6
S	.9	4.0	6.0	1.1								12.1	7.6
SSW	.2	.2	.2	.2								.9	7.5
SW		.4										.4	5.5
WSW		.7	.7									1.3	7.2
W	.7	.9	2.7	.7	.4	.4	.2					6.0	10.7
WNW	.4	3.1	4.5	3.6	1.1							12.7	10.0
NW	.4	2.0	5.4	5.1	.9							13.8	10.6
NNW	.9	1.3	2.7	1.1	.2							6.2	8.0
VARBL													
CALM												8.9	
	10.5	26.6	35.9	15.0	2.7	.4	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 448

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	3.2	.6								6.4	7.1
NNE	.6	1.4	2.6	.9								5.5	8.2
NE	.9	1.7	.3	.3								3.2	5.5
ENE	.9	1.2	1.2									3.2	6.0
E	1.4	1.7	2.0									5.2	5.8
ESE	.9	.9	.9									2.6	5.1
SE	.3	.6	.9									1.7	6.2
SSE		.3	2.9									3.2	8.6
S	.6	4.6	2.9	1.2								9.3	6.8
SSW		.9	.9									1.7	6.5
SW		1.4	.6									2.0	5.9
WSW		.6										.6	4.5
W	.3	1.4	2.9	.9	.3							5.8	9.0
WNW		2.6	6.4	1.7	1.7							12.5	10.4
NW	.9	4.3	5.5	2.0	.9							13.6	8.7
NNW	1.4	2.3	1.4	1.2								6.4	6.9
VARBL													
CALM												17.1	
	9.3	27.5	34.5	8.7	2.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 345

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	2.5	1.3	.0							5.5	8.5
NNE	.5	1.0	1.8	.8	.0							4.2	8.0
NE	.5	1.5	1.8	.7								4.5	7.6
ENE	.3	1.9	2.7	.6	.0							5.6	7.5
E	1.0	2.0	2.0	.3								5.2	6.3
ESE	.8	2.4	1.3	.1	.0							4.7	6.0
SE	.7	2.4	2.2	.4								5.7	6.7
SSE	.6	1.8	3.9	.8	.0							7.2	7.8
S	.5	2.4	3.4	1.1	.1							7.6	8.0
SSW	.1	.7	.8	.3	.1							1.9	8.2
SW	.1	.6	.6	.2								1.4	7.3
WSW	.1	.5	1.0	.3	.1			.0				2.1	9.2
W	.3	1.4	3.3	2.4	.7	.5	.0					8.6	11.1
WNW	.2	1.6	4.8	3.5	1.4	.1						11.6	11.2
NW	.4	1.3	4.7	4.0	1.3	.2						12.0	11.4
NNW	.5	1.1	2.3	1.5	.1	.0						5.5	9.1
VARBL													
CALM												6.7	
	7.1	23.9	39.2	18.2	3.9	.9	.0	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2976

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.0	1.2		.3							5.3	6.4
NNE	.3	2.7	3.0	.6								6.5	7.2
NE	1.2	1.5	1.5	.9								5.0	6.8
ENE		2.7	1.8	.9	.3							5.6	8.2
E	.9	1.5	.6	.3								3.3	5.8
ESE	.3	1.5	.3									2.1	5.1
SE	.3	.9	1.2									2.4	6.8
SSE		1.5	.6	.3								2.4	6.9
S		.6	1.2	.3								2.1	8.7
SSW	.9	1.8	1.8	.6								5.0	6.9
SW	1.2	1.5	1.2	.3								4.1	6.4
WSW	1.2	3.3	3.6			.3						8.3	6.8
W	.6	2.1	4.1	1.5		.9						8.9	9.4
WNW	.6	1.2	3.3	2.7								7.7	9.1
NW	1.8	3.3	5.3	2.1	.3							12.7	7.8
NNW	.3	1.5	5.3	.9								8.0	8.3
VARBL													
CALM												10.7	
	10.4	30.2	35.8	11.2	.9	.9						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 338

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.8	4.5	2.1	.2							7.7	9.6
NNE	.2	1.0	1.3	.5								2.9	7.8
NE		1.0	1.6	1.3								3.9	9.6
ENE	.2	.6	1.4	1.1	.2							3.5	9.2
E	.5	2.4	2.9	1.1	.3							7.2	7.9
ESE	.8	3.2	1.4	.2								5.6	5.7
SE	.3	2.6	2.4	.3								5.6	7.0
SSE	.5	2.3	3.7	.2								6.6	7.1
S	.8	1.8	2.1	.5								5.2	6.6
SSW	.6	.6	2.3	.8		.2						4.7	8.2
SW		1.0	1.9	.6								3.5	8.5
WSW		.8	2.3	1.0								4.0	9.1
W	.3	1.9	5.0	3.7	.3	.2	.2					11.6	10.5
WNW		.3	4.2	3.2	1.4	.2						9.3	12.4
NW	.2	.5	3.9	4.5	1.1							10.1	11.9
NNW		1.0	3.2	2.1	.3							6.6	10.1
VARBL													
CALM												1.8	
	4.7	21.7	44.1	23.2	3.9	.5	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 621

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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	.2	.5	2.6	1.5								4.7	10.0
NNE		.8	.7	1.0	.2							2.6	9.9
NE	.3	.2	.8	.2								1.5	7.3
ENE		.5	.3	.3	.3							1.5	10.4
E		1.6	3.6	1.3	.2							6.7	8.7
ESE	.5	1.5	2.8	.8								5.5	7.6
SE	.3	2.8	5.4	1.5								9.9	8.0
SSE	.2	1.5	4.6	3.7								9.9	10.0
S	.3	1.3	3.4	1.1	.3							6.5	9.3
SSW		.5	1.3	.3								2.1	8.8
SW	.2	.5	1.3	.3	.2							2.4	9.0
WSW	.2	.5	2.1	1.6	.2		.2					4.7	10.9
W		1.0	4.9	4.4	.5		.3					11.1	11.8
WNW	.2	.3	5.0	4.9	1.1							11.5	11.7
NW		1.0	3.6	4.7	.8	.3						10.4	12.2
NNW	.3	.7	4.9	2.9								8.8	10.0
VARBL													
CALM												.2	
	2.6	15.0	47.2	30.6	3.7	.3	.5					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 615

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	4.2	.7	.2							5.8	9.8
NNE	.2	.3	.7	.9	.3							2.4	11.2
NE	.2	.7	.9	.3								2.1	7.8
ENE	.2	.5	1.0	.5	.3							2.6	10.0
E	.2	.9	1.0	.7								2.8	8.1
ESE	.2	.7	2.4	1.0								4.4	8.8
SE	.2	3.1	4.5	.3								8.2	7.4
SSE	.3	1.6	10.5	2.4	.2							15.0	9.1
S	.5	1.4	4.4	2.1	1.0							9.4	10.1
SSW		.2	1.6	.2								1.9	9.0
SW	.2	.7	.3	.2								1.4	6.4
WSW			1.9	.5								2.4	10.0
W		.9	5.9	3.5	.9		.3					11.5	11.7
WNW		.5	4.4	5.1	1.4	.2						11.5	12.3
NW		.7	5.9	5.8	.9							13.3	11.7
NNW		.3	2.3	2.1								4.7	10.9
VARBL													
CALM												.3	
	2.3	13.1	52.1	26.4	5.2	.2	.3					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 572

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.4	2.6	1.5								7.0	8.0
NNE	.4	1.3	.9		.4							3.1	7.7
NE	.4	.4	.2	.7	.2							2.2	9.8
ENE	.2	1.3	.4	.4								2.4	6.5
E	.4	2.2	2.4	.4								5.5	6.8
ESE	.4	.9	2.6	.7								4.6	7.8
SE	.9	2.2	.7									3.7	5.1
SSE	.7	2.6	2.4	.7								6.8	6.9
S	.9	5.1	5.7	2.0	.4							14.1	7.9
SSW	.4	1.1	2.0	.2								3.7	7.1
SW	.2	.4	.2	.2								1.1	6.8
WSW		.7		.2								.9	7.0
W		3.7	4.0	2.6								10.4	8.7
WNW	.7	2.0	3.7	4.4	.7							11.5	10.1
NW	.4	2.4	5.1	4.4								12.3	9.8
NNW	.4	.9	2.0	.9								4.2	8.6
VARBL													
CALM												6.4	
	7.3	29.7	35.0	19.5	1.8							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 454

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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	1.2	1.2	3.4	.6	.9							7.4	8.5
NNE		1.5	1.8	.3								3.7	7.6
NE	.9	1.8	.6	.9	.3							4.6	7.6
ENE	.6	1.8	1.8									4.3	6.0
E	.3	1.2	2.2	.3								4.0	7.5
ESE	.3	.9	2.5	.6								4.3	7.9
SE	.3	1.8	1.5									3.7	6.7
SSE		1.8	.6									2.5	6.3
S	1.2	4.9	4.0	2.2								12.3	7.2
SSW	.6	.6	1.5									2.8	6.9
SW	.3	1.2										1.5	4.6
WSW	.3	.6	.9									1.8	6.2
W	.6	3.4	3.1	1.2	.6							8.9	8.4
WNW	.6	1.2	2.8	1.2								5.8	8.1
NW	.9	3.1	2.8	2.2								8.9	7.9
NNW	1.8	3.7	1.2	.3	.3							7.4	6.0
VARBL													
CALM												16.0	
	16.2	31.1	30.8	9.0	2.2							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 325

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	3.2	1.2	.2							6.3	9.0
NNE	.2	1.1	1.2	.6	.2							3.3	8.5
NE	.4	.8	1.0	.7	.1							3.0	8.2
ENE	.2	1.1	1.1	.6	.2							3.1	8.4
E	.3	1.7	2.3	.6	.1							5.2	7.8
ESE	.4	1.5	2.1	.6								4.6	7.3
SE	.4	2.4	2.9	.4								6.2	7.2
SSE	.3	1.9	4.3	1.5	.0							8.0	8.5
S	.6	2.3	3.5	1.3	.3							8.1	8.4
SSW	.4	.7	1.7	.4		.0						3.3	7.9
SW	.3	.8	.9	.3	.0							2.4	7.5
WSW	.2	.8	1.8	.7	.0	.0	.0					3.6	8.8
W	.2	2.0	4.7	3.1	.4	.1	.2					10.7	10.5
WNW	.3	.8	4.1	3.8	.9	.1						10.0	11.2
NW	.4	1.5	4.4	4.2	.6	.1						11.3	10.7
NNW	.4	1.1	3.2	1.7	.1							6.6	9.3
VARBL													
CALM												4.5	
	5.4	21.9	42.4	22.0	3.2	.3	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAY (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	1.0	3.5	3.3	.6								8.4	6.7
NNE	.8	3.5	2.7	.4								7.4	6.3
NE	.6	2.3	4.1	.4								7.4	7.4
ENE	.4	1.2	.8	1.0								3.5	7.9
E	1.4	1.8	1.0	.4								4.7	5.3
ESE	.2	1.8	1.0									3.1	6.0
SE	.2	2.0	.6									2.9	5.5
SSE	.0	1.2	.6	.4								3.1	5.9
S	1.4	1.4	3.7	.0								7.2	7.0
SSW	.0	2.3	1.4									4.5	5.6
SW	.4	2.7	1.0	.2								4.3	5.9
WSW	.0	1.6	.8	.2								3.3	5.8
W	1.0	1.8	2.0	.4								5.3	6.2
WNW	1.4	1.8	2.9	1.2								7.4	7.6
NW	1.4	2.3	2.9	.0	.2							7.6	7.3
NNW	1.2	2.3	.8	.4	.2							4.9	6.3
VARBL													
CALM												15.2	
	13.9	33.6	29.7	7.2	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 488

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	3.8	.8								7.4	7.4
NNE	.3	2.5	3.3	.6								6.8	7.3
NE	.6	.9	3.6	.2								5.4	7.6
ENE	.3	2.0	2.8	1.3								6.5	8.0
E	.5	2.4	2.4	.9								6.1	7.6
ESE	.2	2.5	2.7									5.4	7.1
SE	.8	2.7	2.2	.5								6.1	6.5
SSE	.2	3.3	6.1	.2								9.8	7.7
S	.8	4.6	3.0	.6								9.1	6.6
SSW	.5	1.9	2.5	.2								5.0	6.9
SW	.3	1.3	1.1	.2								2.8	6.7
WSW	.2	1.9	1.9									3.9	6.8
W	.3	1.4	2.8	1.7								6.3	8.8
WNW	.2	.8	2.2	2.0	.3							5.5	10.6
NW	.5	1.4	3.9	1.4	.3							7.6	9.4
NNW	.2	.9	1.1	.0	.3							3.1	9.4
VARBL													
CALM												3.1	
	6.8	32.3	45.5	11.3	.9							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 635

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	2.0	.6	.2							4.6	8.5
NNE		.8	.5	.2								1.4	7.1
NE	.2	1.4	2.1	.6								4.3	7.6
ENE	.5	.6	1.8	.8								3.7	8.3
E	.2	1.6	3.8	.3								5.9	7.9
ESE	.3	2.1	3.7									6.1	7.1
SE	.8	4.8	9.4	1.4								16.5	7.7
SSE	.3	2.6	9.6	3.2								15.7	9.0
S	.3	1.6	5.1	1.4	.2							8.6	8.9
SSW	.3	1.0	1.0	.5								2.7	7.7
SW	.2	.5	.8	.3								1.8	8.1
WSW	.2	.6	1.1	1.0								2.9	9.6
W		.5	3.4	1.6	.3							5.8	10.6
WNW		1.1	3.8	1.4	.6							7.0	10.5
NW	.2	1.3	2.7	2.6	.2							6.9	10.1
NNW	.2	.8	2.2	1.0	.2							4.3	9.5
VARBL													
CALM												1.9	
	3.8	22.2	53.5	16.9	1.6							100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 626

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)

93744 (STATION) | MARTIN MARIETTA AIRFIELD MD (STATION NAME) | 71-78 (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		.7	2.8	.6	.4							4.5	9.8
NNE	.2	.9	.4									1.5	5.9
NE		.7	1.1	.4								2.2	7.4
ENE	.2	.6	.4	1.1	.6							2.8	10.9
E	.9	1.5	5.2	.7	.2							8.5	8.2
ESE	.4	2.2	2.0	.2								4.8	6.7
SE	.9	2.8	4.6	.9								9.3	7.2
SSE	.4	4.1	10.8	1.7								16.9	8.2
S	1.1	1.7	8.0	4.3								15.0	9.0
SSW		1.3	.6	.4								2.2	7.3
SW	.4	.7	.9	.2								1.7	5.9
WSW		1.9	1.5	.4								3.7	7.7
W	.2	.4	3.3	1.5	.2							5.6	10.1
WNW		.7	3.2	1.5	.4							5.8	10.5
NW	.2	1.3	4.6	2.4								8.5	9.4
NNW	.2	.9	3.5	.6	.2							5.4	8.9
VARBL													
CALM												1.7	
	4.8	22.4	52.5	16.7	1.9							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 539

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	2.0	.2								4.4	6.9
NNE	.7	.9	.7	.2								2.4	5.9
NE		.9	.7									1.5	6.6
ENE	.9	1.8	.7	.7	.4							4.4	7.6
E	.9	3.3	2.2	.7								7.1	7.0
ESE	.4	2.2	1.8	.4								4.9	7.2
SE	1.8	2.2	1.1									5.1	4.7
SSE	.7	4.6	2.7	.2								8.2	6.2
S	1.1	5.1	9.1	2.4								17.7	8.0
SSW	.2	2.0	1.8									4.0	6.2
SW		.9	.4	.4								1.8	7.3
WSW	.4	1.8	.9	.7								3.8	7.5
W	.4	2.2	2.0	.4								5.1	7.2
WNW	.4	1.5	2.2	.4								4.6	7.5
NW	1.8	2.7	2.7	1.5								8.6	7.1
NNW	.4	2.7	1.8	.2								5.1	6.2
VARBL													
CALM												11.3	
	11.1	36.1	32.5	8.6	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 452

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-75, 77-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.9	1.4	.5								5.1	6.1
NNE	.5	.5	.9									1.9	7.0
NE		.5	.9	.5								1.9	8.3
ENE	.9	.5	.5	.9								2.8	7.5
E	.9	7.0	.9	1.9								10.7	6.6
ESE	.5	1.9	.9	.5								3.7	6.0
SE		.9	1.4									2.3	7.6
SSE	.5		1.4	.5								2.3	7.4
S	.9	3.7	4.7	2.3								11.6	7.9
SSW		2.8	3.3									6.0	7.2
SW		1.4	.5	.5								2.3	7.0
WSW	.5	1.9	.5									2.8	5.0
W	.5	3.3	1.4									5.1	5.8
WNW	.5	3.7	1.4									5.6	5.6
NW	1.4	4.2	1.9	.5								7.9	5.8
NNW	1.9	.5	.5		.5							3.3	5.9
VARBL													
CALM												24.7	
	10.2	34.4	22.3	7.9	.5							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 215

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	2.8	.6	.1							5.8	7.6
NNE	.4	1.6	1.5	.3								3.8	6.7
NE	.3	1.2	2.3	.3								4.1	7.5
ENE	.5	1.2	1.3	1.0	.2							4.1	8.3
E	.7	2.4	2.8	.7	.0							6.8	7.3
ESE	.3	2.2	2.2	.1								4.8	6.9
SE	.8	2.8	3.7	.6								7.9	6.9
SSE	.4	2.9	5.9	1.2								10.4	8.0
S	.9	2.9	5.5	1.9	.0							11.3	8.0
SSW	.3	1.7	1.6	.2								3.9	6.7
SW	.2	1.2	.8	.3								2.4	6.8
WSW	.3	1.6	1.2	.4								3.5	7.3
W	.4	1.4	2.7	1.1	.1							5.6	8.6
WNW	.4	1.4	2.8	1.3	.3							6.1	9.2
NW	.8	1.9	3.3	1.7	.1							7.8	8.5
NNW	.5	1.4	1.8	.5	.2							4.4	8.0
VARBL													
CALM												7.4	
	7.9	29.3	42.2	12.1	1.2							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2955

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.5	1.9	.6								5.9	6.2
NNE	1.0	4.2	3.1									8.4	6.2
NE	1.5	1.7	1.0	.2								4.4	5.1
ENE	.6	1.3	.8									2.7	5.7
E	.8	2.1	.6									3.6	4.9
ESE	.4	1.0	1.0	.2								2.7	6.3
SE	.6	1.5	.4									2.5	5.1
SSE	.6	.8	.2									1.7	4.5
S	1.7	3.8	3.3	.4								9.2	6.1
SSW	1.5	5.6	1.5									8.6	5.2
SW	1.0	3.3	.6									5.0	4.8
WSW	1.0	4.8	1.9	.2								7.9	5.4
W	1.5	2.5	1.3	.2								5.4	5.5
WNW	.9	1.0	1.3	.4								3.3	6.6
NW	.6	3.1	3.3	1.0								8.2	7.4
NNW	2.1	1.5	1.9	1.5	.2							7.1	7.5
VARBL													
CALM												13.4	
	17.6	39.7	24.3	4.8	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 478

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	2.4	1.1								5.1	8.7
NNE	.5	1.0	2.6	.8								4.8	8.1
NE	.5	1.4	2.1	.5								4.5	7.3
ENE	.5	1.4	1.8	.2								3.8	6.9
E	.8	3.4	2.6	.3								7.1	6.4
ESE	1.0	2.7	1.9	.3								5.9	6.2
SE	.6	3.2	4.6	.2								8.7	6.8
SSE	1.0	2.9	3.8	.6								8.3	7.0
S	.8	4.8	3.8	.8								10.3	6.7
SSW	.8	2.1	2.9									5.8	6.3
SW	.2	1.9	1.4									3.5	6.3
WSW	.2	2.7	1.8	.2								4.8	7.0
W	.6	1.9	2.4	1.3								6.2	7.8
WNW	.2	1.4	1.6	.6	.2							4.0	8.6
NW	.5	1.1	4.6	1.9								8.2	9.1
NNW	.3	1.9	2.2	1.0	.5		.2					6.1	9.4
VARBL													
CALM												2.9	
	8.8	35.1	42.6	9.8	.6		.2					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 624

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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	.2	.6	2.3	.6								3.7	8.7
NNE		1.3	.5	.5								2.3	7.5
NE	.5	.8	1.9	.3								3.6	7.4
ENE		1.1	1.8									2.9	7.3
E	.5	1.8	3.1	.3								5.7	6.9
ESE	.5	2.1	2.1									4.7	6.8
SE	.3	4.4	11.0	1.0								16.7	7.8
SSE	.6	3.4	11.5	3.1	.3							18.9	8.8
S	.2	2.9	4.9	2.1								10.0	8.4
SSW	.5	.5	1.0	.3								2.3	7.2
SW	.2	1.0	.6	.3								2.1	7.2
WSW		.8	1.8	.3								2.9	8.4
W	.3	1.1	3.2	1.5	.2							6.3	9.2
WNW		.8	3.6	1.1	.2	.2						5.8	10.0
NW	.2	.5	3.7	1.6								6.1	10.1
NNW		1.3	1.9	1.9								5.2	9.9
VARBL													
CALM												.8	
	3.9	24.4	54.9	15.2	.6	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	1.6	.2			.2					3.1	9.0
NNE		.8	.2									1.0	6.2
NE		.6	1.4									1.9	7.5
ENE		1.4	1.6									2.9	7.1
E	1.0	1.9	1.4	.2								4.5	5.9
ESE	.2	2.9	2.9	.4								6.4	7.1
SE	1.0	4.3	4.7	.6								10.5	7.0
SSE	.8	5.4	14.0	1.0	.2							21.3	7.8
S	.4	1.9	7.9	5.0	.4							15.7	9.9
SSW		1.0	1.6	.2								2.7	7.9
SW		1.7	1.9	.2								3.9	7.4
WSW		.6	1.6	.2								2.3	8.6
W		.2	4.8	1.4	.2							6.6	9.9
WNW		.2	1.4	1.7	.2							3.5	11.6
NW	.2	.4	4.5	2.7	.8							8.5	11.0
NNW		.2	2.5	1.2	.2							4.1	10.7
VARBL													
CALM												1.2	
	3.5	24.6	53.7	14.9	1.9		.2					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 516

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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	.2	1.4	1.4	.7								3.7	7.8
NNE	.9	1.4	.9									3.2	5.4
NE	.2	.5	.5									1.1	6.4
ENE	.2	.5	.9									1.6	6.7
E	1.6	2.3	2.1									6.2	5.4
ESE	.7	1.6	.7	.5								3.4	5.9
SE	2.5	3.9	.2	.2								6.9	4.5
SSE	1.0	3.7	3.7									9.0	6.0
S	1.8	11.3	9.4	4.4								26.9	7.5
SSW	.5	2.5	3.4									6.4	6.9
SW	.2	2.3	1.4									3.9	6.2
WSW		.5	.7	.5								1.6	9.0
W		1.6	2.1	.7								4.4	8.6
WNW	.5	1.6	1.8	.5								4.4	7.5
NW	1.1	3.4	1.4	1.1	.2							7.4	7.2
NNW		1.6	1.8	.5								3.9	7.6
VARBL													
CALM												6.0	
	12.4	40.0	32.4	9.0	.2							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 435

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.3	1.4									5.2	5.1
NNE	.9											.9	2.0
NE	.9	.9	.5									2.3	4.4
ENE		.5	.9									1.4	7.7
E	.5	2.3	1.4									4.2	5.7
ESE	.5	1.4	1.4									3.3	6.6
SE		.9	1.4	.9								3.3	9.1
SSE	1.4	1.4										2.8	3.3
S	3.3	9.9	6.6	3.3								23.0	6.8
SSW	.9	2.8	1.9	.5								6.1	6.5
SW	.9	1.9	.5									3.3	4.7
WSW	.9	1.9	1.4									4.2	6.0
W	1.9	2.3	.9		.5							5.6	5.5
WNW	.9	6.1	1.4	.9								9.4	5.8
NW	.5	1.9	.9	.9								4.2	7.4
NNW		.9		.5								1.4	8.7
VARBL													
CALM												19.2	
	15.0	37.6	20.7	7.0	.5							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 213

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 7;-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	1.9	.6			.0					4.4	7.8
NNE	.5	1.5	1.4	.3								3.6	6.7
NE	.6	1.0	1.4	.2								3.2	6.6
ENE	.2	1.1	1.4	.0								2.8	6.8
E	.9	2.3	2.0	.2								5.4	6.1
ESE	.6	2.1	1.8	.2								4.6	6.5
SE	.9	3.3	4.4	.5								9.0	7.0
SSE	.9	3.1	6.4	1.0	.1							11.5	7.7
S	1.1	5.1	5.8	2.5	.1							14.5	7.7
SSW	.7	2.3	2.0	.1								5.1	6.3
SW	.3	2.0	1.1	.1								3.6	6.2
WSW	.3	1.9	1.6	.2								4.0	6.9
W	.6	1.5	2.7	1.0	.1							5.9	8.1
WNW	.3	1.4	1.9	.9	.1	.0						4.6	8.5
NW	.5	1.6	3.4	1.7	.2							7.4	9.0
NNW	.4	1.3	1.9	1.2	.2		.0					5.0	9.0
VARBL													
CALM												5.5	
	9.3	32.6	41.0	10.7	.7	.0	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	3.7	2.3	1.4								10.7	5.9
NNE	.6	2.1	1.0									3.7	5.6
NE	1.4	2.1										3.5	4.0
ENE	.6	.8	.6									2.1	5.2
E	.2	2.3	1.4	.2								4.1	6.7
ESE	.2	.6	.4									1.2	5.8
SE		.4										.4	4.5
SSE		1.0	.4	.2								1.6	6.6
S	.8	4.9	1.2									7.0	5.2
SSW	1.6	3.7	2.1									7.4	5.4
SW	1.2	3.1	1.2									5.5	5.1
WSW	1.2	2.5	1.4									5.1	5.6
W	1.8	4.7	1.6	.2								8.4	5.1
WNW	.2	1.2	.6	.2								2.3	5.8
NW	1.8	3.2	1.8	.2								7.2	5.3
NNW	1.2	4.5	2.9	.4								9.0	6.1
VARBL													
CALM												20.7	
	16.4	40.9	19.1	2.9								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 487

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.7	4.3	.8	.2							9.7	7.7
NNE	.2	2.4	2.2	.6								5.4	7.5
NE	.3	1.3	.6	.2								2.4	6.4
ENE	.6	1.9	.6	.5								3.7	6.0
E	.3	3.3	1.6	.8								6.1	6.7
ESE	.2	1.8	1.1	.2								3.2	6.3
SE	.5	3.5	2.6									6.9	6.3
SSE	1.3	2.1	3.2	.2								6.7	6.5
S	.6	4.8	3.7	.3								9.4	6.3
SSW	.2	2.2	3.2									5.6	6.7
SW	1.1	1.9	2.2									5.3	6.3
WSW	.3	3.0	1.8									5.1	6.4
W	1.1	2.2	2.6	.5								6.4	6.8
WNW	.5	1.1	1.4	.3								3.3	7.1
NW	.3	1.8	3.0	1.0								6.1	7.9
NNW	.5	2.7	3.5	.8								7.5	7.8
VARBL													
CALM												7.7	
	8.8	39.7	37.6	6.1	.2							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 627

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.8	3.4	.3	.2							6.8	7.7
NNE	.2	.8	1.9	.2								3.1	7.5
NE	.3	.5	1.3									2.1	6.5
ENE	.2	.8	.6									1.6	6.5
E	.5	1.8	1.9									4.2	6.5
ESE	.3	1.3	1.1	.2								2.9	6.9
SE	.3	4.1	9.6	1.5								15.4	8.1
SSE	.5	2.1	14.0	3.1	.2							19.8	8.9
S	.8	1.9	4.4	1.0	.3							8.4	8.2
SSW		.6	1.1	.2								1.9	7.9
SW	.5	1.1	1.0	.2								2.8	6.4
WSW	.2	1.3	1.9				.2					3.6	7.9
W	.3	2.4	2.3	.6								5.7	7.1
WNW		1.6	3.6	.5								5.7	7.9
NW	.5	1.5	4.2	.5								6.7	8.1
NNW	.3	.6	4.1	.8								5.8	8.8
VARBL													
CALM												3.4	
	5.0	25.3	56.5	8.9	.6		.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 616

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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	.6	2.1	3.6	.2								6.5	7.2
NNE	.2	1.9	1.7									3.8	6.7
NE	.2	1.0	.6	.4	.2							2.3	8.5
ENE		.2										.2	5.0
E	.4	2.1	.6	.2								3.2	5.8
ESE	.6	2.3	1.5	.4								4.8	6.3
SE		4.4	6.5	.6								11.4	7.4
SSE	1.1	3.8	12.2	3.2								20.4	8.5
S	.8	3.0	7.8	5.1								16.8	9.0
SSW	.2	.8	.8									1.7	6.3
SW		.6	1.0									1.5	7.5
WSW	.4	.8	1.9	.4								3.4	7.8
W		1.1	2.7	.4								4.2	8.2
WNW		.6	2.7	.6								3.8	9.1
NW	.2	1.5	4.4	.8								6.9	8.1
NNW	.2	1.3	4.2	1.0								6.7	8.3
VARBL													
CALM												2.3	
	4.8	27.4	52.0	13.1	.2							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 925

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	4.1	2.1	.2								8.0	5.4
NNE	.5	2.7	.7									3.9	5.1
NE	.5	2.1	.9									3.4	5.5
ENE	.7	1.1	.2	.2								2.3	5.4
E	1.6	.2	.7	.2								2.7	5.2
ESE	.2	1.4	.9	.2								2.7	6.9
SE	1.1	3.9	.9									5.9	5.1
SSE	.5	4.8	2.1	.2								7.6	6.0
S	3.0	9.8	10.8	1.8								25.4	6.8
SSW	.9	2.3	2.5	.7								6.4	6.7
SW	1.6	.9	.5									3.0	3.9
WSW	.2	1.1	1.4									2.7	7.0
W		1.1	2.5									3.7	7.6
WNW	.2	1.1	1.1	.2								2.7	7.3
NW		2.5	1.4	.2	.2							4.3	7.4
NNW	1.1	2.5	.9	.7								5.3	6.2
VARBL													
CALM												9.2	
	13.7	41.9	29.5	4.8	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.6	.9									6.5	5.1
NNE	1.4	.9										2.3	3.2
NE	.9	2.3										3.2	4.4
ENE				.5								.5	12.0
E		.9	.5									1.4	7.3
ESE		1.8	1.8	.9								4.6	8.2
SE	.5	2.3	1.4									4.1	6.1
SSE	.9	.5	.5	.5								2.3	6.0
S	.9	7.8	4.1									12.9	6.1
SSW	4.1	6.0	3.2									13.4	5.1
SW	.9	1.4										2.3	4.6
WSW	.9	2.8	.9									4.6	5.3
W	.9	1.4	1.4									3.7	5.9
WNW	.5	.9	.5									1.8	5.5
NW	.9	3.2	.9	.5								5.5	6.0
NNW	.9	3.2										4.1	4.3
VARBL													
CALM												26.7	
	14.7	40.1	18.1	2.3								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 217

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.3	3.1	.5	.1							8.2	6.8
NNE	.4	1.9	1.5	.2								3.9	6.5
NE	.5	1.4	.7	.1	.0							2.7	5.9
ENE	.4	.9	.4	.2								1.9	5.9
E	.5	2.0	1.2	.3								4.0	6.4
ESE	.3	1.5	1.1	.2								3.1	6.7
SE	.4	3.2	4.0	.4								8.0	7.1
SSE	.7	2.5	6.3	1.4	.0							10.9	8.1
S	1.1	4.9	5.3	1.5	.1							12.8	7.3
SSW	.8	2.2	2.0	.1								5.2	6.1
SW	.9	1.5	1.1	.0								3.5	5.7
WSW	.5	1.9	1.6	.1			.0					4.1	6.7
W	.7	2.3	2.3	.3								5.6	6.6
WNW	.2	1.1	1.9	.3								3.5	7.6
NW	.6	2.1	2.9	.5	.0							6.3	7.3
NNW	.7	2.3	3.0	.7								6.7	7.3
VARBL													
CALM												9.8	
	9.8	35.0	38.3	6.9	.2		.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2911

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L or Z))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	6.3	2.6	.5								11.2	5.6
NNE	1.5	4.9	1.0	.3								7.8	5.3
NE	.7	2.6	.7									3.9	5.0
ENE	.7	1.0	.7									2.4	5.1
E	1.0	1.2	.2									2.4	4.1
ESE	.2	.7										.9	4.8
SE	.3	.3	.2									.9	5.0
SSE		.2										.2	6.0
S	1.2	2.2	.3									3.7	4.5
SSW	.9	3.9	1.2	.2								6.1	5.4
SW	.3	4.4	.7	.2								5.6	5.3
WSW	1.5	4.9	1.9									8.3	5.3
W	.9	4.3	1.4	.2								6.6	5.6
WNW	.7	.9		.2								1.7	4.7
NW	1.9	3.4	3.1	.2								8.5	5.7
NNW	2.2	3.2	2.6	.2								8.2	5.4
VARBL													
CALM												21.5	
	15.8	44.5	16.4	1.9								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 587

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.7	3.4	1.2								9.1	7.1
NNE	.7	1.8	4.2	.8								7.5	7.7
NE	.5	2.3	2.0									4.9	6.1
ENE	.8	1.2	1.9	.7								4.6	7.1
E	1.1	2.7	.5	.3								4.6	5.2
ESE	.5	2.4	.5									3.5	4.9
SE	.5	3.4	1.8									5.7	5.7
SSE	.4	2.0	3.0	.3								5.7	6.8
S	1.8	4.2	3.3	.1								9.3	5.7
SSW	.3	2.4	2.6	.4								5.7	6.8
SW	.7	3.1	.8	.1								4.7	5.6
WSW	.5	2.7	2.4	.5								6.2	6.8
W	.8	1.9	3.0	.3								6.0	6.8
WNW	.3	.8	1.1	.5								2.7	7.6
NW	.3	1.5	2.4	.8								5.0	7.9
NNW	.5	2.3	2.2	1.6								6.6	8.0
VARBL													
CALM												8.1	
	10.6	38.5	35.1	7.7								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 738

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.8	2.6	.6								6.2	7.2
NNE	.1	.7	1.4	.8								3.1	8.1
NE		1.4	1.8	.3								3.5	7.8
ENE		1.1	1.0	.3								2.4	7.4
E	.4	2.5	2.6	.1								5.7	6.7
ESE	.3	2.9	2.6	.1								6.0	6.7
SE	.7	3.3	11.2	1.2								16.5	7.9
SSE	.4	3.6	12.3	3.1								19.4	8.5
S	.1	2.1	5.3	1.5								9.0	8.2
SSW	.1	.6	1.4	.1								2.2	7.5
SW		.8	1.5	.1								2.5	7.8
WSW		.7	1.1	.1								1.9	7.6
W	.1	1.1	3.5	.6	.3							5.5	8.9
WNW		1.0	1.9	.4								3.3	7.9
NW		.6	3.1	.6								4.2	8.9
NNW		2.5	3.6	.4								6.5	7.9
VARBL													
CALM												2.1	
	2.6	27.6	57.0	10.4	.3							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 721

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.6	3.9	.6								7.8	7.2
NNE	.2	.6	.6	.6								2.0	8.1
NE	.3	1.1	.8									2.2	5.9
ENE	.2	2.3	1.2									3.7	6.0
E	.5	2.5	2.5	.5								5.9	7.1
ESE	.8	1.1	1.1									3.0	5.6
SE	.3	4.2	6.7	.3								11.5	7.2
SSE	.6	5.6	11.8	2.6								20.7	8.2
S	.5	4.0	8.4	4.5	.2							17.6	9.0
SSW	.2	.8	1.7									2.6	7.3
SW	.2	1.2	.5	.2								2.0	5.9
WSW	.2	1.2	1.1			.2						2.6	7.7
W	.3	1.2	3.0	.3								4.8	7.8
WNW		.8	2.2	.3								3.3	8.3
NW	.5	1.1	2.2	.2								3.9	7.2
NNW		1.4	2.0	.3	.2							3.9	8.2
VARBL													
CALM												2.3	
	5.1	31.9	49.7	10.4	.3	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	4.0	1.7									7.7	4.9
NNE	1.3	1.9	.6	.2								4.0	4.8
NE	.6	1.2	.6									2.3	5.4
ENE	.4	1.9	1.2									3.5	6.1
E	.6	2.1	2.7									5.4	6.4
ESE	.2	2.3	1.9									4.4	6.3
SE	.8	1.7	1.3									3.9	5.6
SSE	1.2	2.7	1.2	.4								5.4	5.3
S	3.3	9.8	11.0	1.2								25.2	6.5
SSW	1.0	2.9	.8									4.6	5.0
SW	.4	1.7	.2									2.3	4.8
WSW		1.5	.4	.2								2.1	6.1
W	.6	1.5	.6	.4								3.1	6.1
WNW	.2	1.0	1.9									3.1	7.5
NW	1.2	1.9	.6	.6								4.2	6.0
NNW	1.2	1.5	1.0	.6	.2							4.4	7.0
VARBL													
CALM												14.3	
	14.6	39.9	27.6	3.5	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 519

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.1	1.1									3.7	4.7
NNE	.4	2.6	.7		.4							4.1	6.3
NE	.7	.4		.7								1.9	6.6
ENE	.4	1.5										1.9	4.2
E		1.9	.7									2.6	6.1
ESE	.7	1.5	3.0									5.2	6.6
SE		.7	2.6									3.4	8.2
SSE		.7										.7	5.5
S	2.2	8.2	2.6	2.2								15.4	6.6
SSW	.4	3.7	.7	.7								5.6	5.9
SW	.4	1.1										1.5	3.8
WSW	1.1	2.2										3.4	3.8
W	1.5	.4	.4	.4								2.6	5.4
WNW		1.1	1.5									2.6	8.0
NW	1.1	1.9		.4								3.4	4.6
NNW	1.5	1.9	1.1	.4								4.9	5.6
VARBL													
CALM												37.1	
	12.0	31.1	14.6	4.5	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 267

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.6	2.8	.6								8.0	6.4
NNE	.7	2.0	1.6	.5	.0							4.8	6.7
NE	.4	1.6	1.2	.1								3.3	6.2
ENE	.4	1.5	1.1	.2								3.2	6.3
E	.7	2.2	1.6	.2								4.7	6.2
ESE	.4	1.9	1.4	.0								3.7	6.0
SE	.5	2.6	4.4	.3								7.7	7.2
SSE	.5	2.7	5.5	1.2								9.9	7.9
S	1.4	4.6	5.2	1.5	.0							12.7	7.2
SSW	.4	2.2	1.5	.2								4.3	6.2
SW	.3	2.2	.7	.1								3.3	5.7
WSW	.5	2.2	1.3	.2		.0						4.2	6.3
W	.6	1.9	2.2	.3	.1							5.1	7.1
WNW	.2	.9	1.4	.3								2.8	7.6
NW	.7	1.6	2.2	.5								5.0	6.9
NNW	.8	2.2	2.2	.6	.1							5.9	7.1
VARBL													
CALM												11.2	
	9.5	35.7	36.4	6.9	.2	.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3478

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	1.8	5.0	2.0	.4								9.1	5.4
NNE	.9	3.6	2.9	.4								7.7	6.3
NE	1.6	4.1	2.0	.4								8.0	5.7
ENE	1.2	1.8	.4	.5								3.9	5.4
E	.5	1.2	.7	.2								2.7	6.0
ESE	.2	1.6										1.8	5.0
SE	.4	1.8	.7									2.9	6.1
SSE	1.1	.9										2.0	3.8
S	.7	1.4	1.8									3.9	5.7
SSW	.7	2.3	1.8									4.8	5.7
SW	1.6	1.8	1.2									4.6	5.2
WSW	1.2	2.0	.7	.2								4.1	5.4
W	.7	3.4	1.8									5.9	5.5
WNW	.9	2.0	.2									3.0	4.5
NW	.7	3.7	1.2									5.7	5.5
NNW	1.2	3.2	2.7									7.1	5.8
VARBL													
CALM												22.8	
	15.5	39.8	20.0	2.0								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 561

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	.4	2.4	3.2	.6								6.9	7.7
NNE	.4	1.3	3.8	.4								5.9	8.0
NE	.8	2.1	4.2	.3								7.5	7.1
ENE	.6	2.3	2.4	.1								5.4	6.6
E	1.6	2.0	2.7	.3								6.5	6.2
ESE	.7	2.5	1.4	.4								5.1	6.2
SE	1.1	2.0	1.7	.1								4.9	5.6
SSE	1.0	2.4	1.6	.1								5.1	5.8
S	.6	4.7	3.0	.6								8.8	6.5
SSW	.6	1.8	2.1									4.5	6.4
SW	.8	2.4	1.1	.6								4.9	6.0
WSW	.3	2.4	2.3	.3								5.2	6.9
W	.4	3.0	2.4	.6								6.6	7.0
WNW	.3	1.4	2.1	.4								4.2	7.9
NW	.1	1.0	2.4	.8	.1							4.5	9.3
NNW	.3	.7	2.8	1.4								5.2	9.2
VARBL													
CALM												8.6	
	10.0	34.3	39.3	7.6	.1							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 708

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	1.9	5.2	.4								7.9	8.1
NNE	.4	1.1	1.1	.1								2.9	6.4
NE	.1	1.3	1.9	.4								3.7	7.7
ENE	.4	1.3	2.4	.4	.1							4.7	7.7
E	.7	2.6	1.7	.4								5.5	6.6
ESE	.3	3.9	4.2	.4								8.8	7.1
SE	.6	3.2	6.3	.3								10.3	7.3
SSE	.1	1.9	8.5	1.1								11.6	8.5
S	.7	4.9	4.4	1.3								11.3	7.4
SSW	.3	1.1	1.0									2.4	6.2
SW	.4	1.1	1.0	.4								3.0	6.8
WSW		2.3	1.6	.4								4.3	7.3
W	.1	1.6	2.9	1.0								5.6	8.6
WNW		1.0	2.7	.8								4.3	8.8
NW	.3	.7	3.4	1.6								6.0	9.5
NNW	.1	1.4	2.7	.9								5.2	8.4
VARBL													
CALM												2.4	
	5.2	31.3	51.1	9.9	.1							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 697

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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		.8	2.7	1.5	.2							5.2	10.1
NNE	.2	1.0	.8	.2								2.2	7.0
NE	.2	1.8	.7	.7	.2							3.5	7.7
ENE	.2	1.7	1.3	1.2								4.4	8.0
E	1.0	3.7	.8	.2								5.7	5.3
ESE	.3	2.7	1.3	.2								4.5	6.1
SE	.5	5.5	5.5	.2								11.7	6.6
SSE	1.7	5.4	9.2	1.2								17.4	7.4
S	.8	3.2	7.5	1.2								12.7	7.9
SSW	.2	.8	1.7		.2							2.8	8.3
SW		1.2	1.0									2.2	6.7
WSW	.3	1.2	1.3	.2								3.0	7.0
W	.5	2.0	2.5	.3								5.4	6.9
WNW	.2	.5	2.8	.3								3.9	8.5
NW	.2	1.5	3.4	1.3								6.4	8.5
NNW	.2	1.2	3.5	1.0								5.9	8.9
VARBL													
CALM												3.2	
	6.4	34.2	46.2	9.5	.5							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 597

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	2.0	3.9	2.4	.6								8.8	6.0
NNE	.4	1.6	2.0	.2								4.1	6.7
NE	.4	2.4	1.4	.6								4.7	6.7
ENE	.6	2.0	.8	.2	.2							3.9	6.2
E	.8	1.8	.6	.2								3.3	5.2
ESE	.6	1.6	1.0	.4								3.5	6.2
SE	1.2	1.4	1.2	.2								3.9	6.0
SSE	.6	2.2	1.0									3.7	5.6
S	2.4	8.6	6.1	.4								17.5	6.1
SSW	.6	3.1	.6									4.3	5.4
SW	.8	2.2	.2									3.1	4.3
WSW	.2	1.8	.8	.2								2.9	6.7
W	.8	1.4	1.4	.2								3.7	6.5
WNW	.4	1.2	1.0									2.6	5.7
NW	.4	2.2	1.2	.2								3.9	6.3
NNW	1.2	3.5	.8	.2								5.7	5.1
VARBL													
CALM												20.0	
	13.4	40.7	22.2	3.5	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 509

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	.8	3.1	1.9	.8								6.5	7.1
NNE	1.9	1.9	1.9									5.7	5.6
NE	.4	1.9	1.1	.8								4.2	7.5
ENE			1.9	.4								2.3	9.5
E	.4	1.5	2.3	.4								4.6	7.2
ESE		1.5	1.1	.8								3.4	7.8
SE		.8	3.8	1.1								5.7	9.4
SSE			.8									.8	8.5
S	1.9	3.1	3.8									8.8	6.3
SSW	.8	2.7	1.5	.8								5.7	6.5
SW	.4	1.9	.4	.4								3.1	6.3
WSW		2.7	.8									3.4	5.8
W		3.8	.4									4.2	5.5
WNW	.8	1.1	.4									2.3	5.2
NW	1.1	2.7	1.1									5.0	4.8
NNW	1.9	4.2	.8									6.9	4.3
VARBL													
CALM												27.2	
	10.3	33.0	24.1	5.4								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 261

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) | MARTIN MARIETTA AIRFIELD MD (STATION NAME) | 70-78 (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	.8	2.7	3.1	.7	.0							7.4	7.3
NNE	.6	1.7	2.1	.2								4.6	6.8
NE	.6	2.2	2.0	.5	.0							5.4	6.9
ENE	.6	1.6	1.6	.5	.1							4.3	7.0
E	.9	2.2	1.5	.3								4.9	6.1
ESE	.4	2.5	1.6	.3								4.8	6.5
SE	.7	2.6	3.3	.2								6.8	6.8
SSE	.8	2.3	4.0	.5								7.6	7.2
S	1.0	4.4	4.4	.7								10.5	6.8
SSW	.5	1.9	1.5	.1	.0							3.9	6.3
SW	.7	1.7	.9	.2								3.6	5.8
WSW	.4	2.0	1.3	.2								4.0	6.7
W	.4	2.4	2.1	.5								5.4	6.9
WNW	.4	1.2	1.7	.3								3.6	7.4
NW	.4	1.8	2.3	.8	.0							5.3	7.6
NNW	.7	2.1	2.4	.7								5.8	7.2
VARBL													
CALM												12.0	
	9.8	35.4	35.9	6.7	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3334

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

CONDITIO

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	5.5	2.7	.5								10.7	5.9
NNE	1.3	4.1	1.6	.7								7.7	6.3
NE	1.1	3.0	1.6	.9								6.6	6.3
ENE	.9	1.3	1.4		.2							3.8	6.5
E	.5	.9		.2								1.6	5.4
ESE		.4										.4	6.0
SE		.4			.4							.7	12.0
SSE	.4	.4	.5									1.3	5.4
S	.4	.7	1.3	.2								2.5	7.4
SSW	.5	2.1	.2									2.9	4.3
SW	.7	2.1	.7	.4								3.9	5.7
WSW	1.3	1.3	2.0									4.5	5.8
W	.7	4.8	3.2	.4	.2							9.3	6.5
WNW	.7	3.4	2.0	.2								6.3	6.3
NW	2.3	3.2	1.3	.5								7.3	5.3
NNW	.7	2.7	2.3	.9								6.6	6.9
VARBL													
CALM												24.0	
	13.4	36.3	20.8	4.6	.7							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 559

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

CONDITIO

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	5.5	2.7	.5								10.7	5.9
NNE	1.3	4.1	1.6	.7								7.7	6.3
NE	1.1	3.0	1.6	.9								6.6	6.3
ENE	.9	1.3	1.4		.2							3.8	6.5
E	.5	.9		.2								1.6	5.4
ESE		.4										.4	6.0
SE		.4			.4							.7	12.0
SSE	.4	.4	.5									1.3	5.4
S	.4	.7	1.3	.2								2.5	7.4
SSW	.5	2.1	.2									2.9	4.3
SW	.7	2.1	.7	.4								3.9	5.7
WSW	1.3	1.3	2.0									4.5	5.8
W	.7	4.8	3.2	.4	.2							9.3	6.5
WNW	.7	3.4	2.0	.2								6.3	6.3
NW	2.3	3.2	1.3	.5								7.3	5.3
NNW	.7	2.7	2.3	.9								6.6	6.9
VARBL													
CALM												24.0	
	13.4	36.3	20.8	4.6	.7							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 559

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	2.8	1.4	.3							6.0	9.2
NNE	.6	.5	1.5	.3								2.6	7.4
NE	.1	1.2	2.6	.7								4.7	8.3
ENE	.4	1.5	4.2	1.0								7.1	8.1
E	.8	1.5	3.1	.7								6.1	7.2
ESE	.4	2.8	2.9	.1								6.2	6.4
SE	.4	4.2	4.9	.3								9.7	6.7
SSE	.3	2.9	4.9	1.4								9.4	7.9
S	.1	3.1	2.5	.6	.3							6.5	7.6
SSW		1.1	1.1	.1	.1							2.5	7.9
SW	.6	.6	1.2	.3								2.6	7.2
WSW	.7	1.2	1.1	.8	.1							4.0	7.8
W	.3	1.9	3.3	1.6	.4	.1						7.9	10.0
WNW	.1	.8	3.3	1.7	.3							6.2	10.3
NW	.3	1.5	4.3	2.8	.6							9.4	10.1
NNW	.1	1.0	2.5	1.5	.4							5.8	10.1
VARBL													
CALM												2.9	
	5.7	26.8	46.5	15.4	2.5	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	2.8	1.4	.3							6.0	9.2
NNE	.6	.2	1.5	.3								2.6	7.4
NE	.1	1.2	2.6	.7								4.7	8.3
ENE	.4	1.5	4.2	1.0								7.1	8.1
E	.8	1.5	3.1	.7								6.1	7.2
ESE	.4	2.8	2.9	.1								6.2	6.4
SE	.4	4.2	4.9	.3								9.7	6.7
SSE	.3	2.9	4.9	1.4								9.4	7.9
S	.1	3.1	2.5	.6	.3							6.5	7.6
SSW		1.1	1.1	.1	.1							2.5	7.9
SW	.6	.6	1.2	.3								2.6	7.2
WSW	.7	1.2	1.1	.5	.1							4.0	7.8
W	.3	1.9	3.3	1.6	.4	.1						7.9	10.0
WNW	.1	.8	3.3	1.7	.3							6.2	10.3
NW	.3	1.5	4.3	2.6	.6							9.4	10.1
NNW	.1	1.0	2.5	1.5	.4							5.8	10.1
VARBL													
CALM												2.9	
	5.7	26.8	46.5	15.4	2.5	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	2.8	2.2	1.5	.4								6.8	5.1
NNE	.7	2.6	.7	.4								4.4	5.9
NE	.7	2.2	1.3									4.3	5.7
ENE	.7	1.8	1.7	.4								4.6	6.2
E	.6	1.5	2.0	.2								4.3	6.5
ESE	.4	.9	.7									2.0	5.8
SE	.4	1.1	.2									1.7	4.9
SSE	.2	.9	.7									1.8	5.7
S	1.1	4.3	2.8	.4								8.5	6.1
SSW	1.1	1.1	.4									2.6	4.0
SW	.7	.9	.4	.2								2.2	4.8
WSW	.3	.6		.2								1.3	5.0
W	.9	2.4	.4	.7								4.4	6.2
WNW	.6	1.1	3.3	1.5								6.5	8.7
NW	2.0	3.1	3.0	1.3	.2							9.8	6.9
NNW	2.0	2.0	2.6	.4	.2							7.2	6.1
VARBL													
CALM												27.5	
	15.5	28.8	21.6	6.1	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 541

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	1.8	2.8	2.5	.7								7.8	6.4
NNE	.7	3.2	.4									4.3	5.4
NE		2.1	1.4	.4								3.9	6.9
ENE	1.1	1.4	1.8	.4								4.6	6.4
E	.4	2.1	.7									3.2	5.8
ESE	.4	2.5	1.1	.7								4.6	6.2
SE		1.1	.4									1.4	6.5
SSE			.4									.4	8.0
S	.4	3.2	1.8									5.3	5.8
SSW	1.4	.4	.4	.4								2.5	5.6
SW	.7	.7										1.4	3.3
WSW	.4	1.4	.7									2.5	5.7
W		2.1	1.8									3.9	7.2
WNW	.7	3.6	1.8	2.1	.4							8.5	8.5
NW	1.4	3.6	1.1	.4								6.4	5.4
NNW	.7	2.1	.7									3.6	5.3
VARBL													
CALM												35.6	
	10.0	32.4	16.7	5.0	.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 281

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 — STATION

MARTIN MARIETTA AIRFIELD MD — STATION NAME

70-78 — 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	1.2	2.4	3.2	.8	.1							7.7	7.2
NNE	.7	2.0	1.7	.4								4.8	6.7
NE	.7	2.0	2.3	.7								5.7	7.2
ENE	.6	1.5	3.1	.5	.0							5.8	7.4
E	.7	1.8	1.8	.4								4.8	6.5
ESE	.5	1.5	1.2	.1								3.3	5.9
SE	.5	2.4	1.9	.1	.1							5.0	6.4
SSE	.4	2.0	2.0	.3		.0						4.9	7.0
S	.6	2.8	2.4	.6	.1		.0					6.5	7.1
SSW	.6	1.3	.8	.1	.0							2.9	5.8
SW	.7	1.2	1.0	.2								3.0	6.2
WSW	.6	1.3	1.2	.2	.0							3.3	6.5
W	.4	2.2	2.6	1.0	.3	.0						6.5	8.4
WNW	.3	1.5	2.9	1.4	.1							6.1	9.0
NW	1.1	2.3	3.6	1.8	.2							8.9	8.2
NNW	.7	1.6	2.7	1.2	.1							6.3	8.2
VARBL													
CALM												14.6	
	10.4	29.9	34.3	9.8	1.0	.1	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 3470

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) | MARTIN MARIETTA AIRFIELD MD (STATION NAME) | 70-78 (YEARS) | NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.7	1.8	.3								6.6	5.4
NNE	1.5	2.7	1.2									5.4	5.0
NE	.6	1.2	2.4	.3								4.5	6.9
ENE	.3	2.1	3.0	.6								6.0	7.8
E	.6	1.8	.9									3.3	5.9
ESE			.3									.3	8.0
SE	.9		.3									1.2	4.3
SSE		.9										.9	4.3
S	.6	1.2	1.5	.6								3.9	7.0
SSW	.6	1.2		.3								2.1	5.1
SW	.9	.6	.3									1.8	4.0
WSW	1.5	3.6	2.1	.9								7.9	6.0
W	.9	6.3	3.6	2.7								13.6	7.4
WNW	.9	2.1	1.2									4.2	5.3
NW	.6	3.3	2.1	1.5								7.6	7.3
NNW	2.4	2.4	2.4	.6	.3							8.2	6.0
VARBL													
CALM												22.4	
	14.2	32.3	23.3	7.6	.3							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 331

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 0-78 (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	1.4	2.9	2.9	.7	.1							8.0	6.8
NNE	.6	1.9	1.0	.5								3.7	6.1
NE	1.0	2.1	2.4	.4								6.0	6.7
ENE	.6	2.4	3.9	.4								7.3	7.5
E	1.3	2.3	2.1	.3								6.0	5.9
ESE	.3	1.3	.4									2.0	4.9
SE	.4	1.4	.7									2.6	5.4
SSE	.4	.9	1.4									2.7	6.4
S	.9	2.0	1.9	.4								5.2	6.4
SSW	.9	2.0	1.0	.4								4.3	6.0
SW	.9	1.0	1.0	.1								3.0	5.4
WSW	.4	1.7	2.6	1.3								6.0	8.1
W	.6	2.0	4.9	2.4	.9							10.7	9.9
WNW	.3	1.7	4.0	2.4	.1							8.6	9.2
NW	.3	.7	3.0	2.7	.6	.1						7.4	11.0
NNW	.4	1.0	2.4	1.9	.3							6.0	9.3
VARBL													
CALM												10.3	
	10.6	27.4	35.7	13.5	2.0	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 698

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	.4	1.2	2.9	1.2								5.6	8.4
NNE	.3	1.6	1.6									3.5	6.2
NE	.4	1.4	1.2	.1								3.2	6.0
ENE	.4	2.2	1.7	.6								4.9	7.2
E	.6	2.0	1.9									4.5	6.2
ESE	.0	2.9	1.6									5.1	5.9
SE	.4	3.8	3.2	.1								7.5	6.2
SSE	.6	3.9	3.9	.4								8.8	6.7
S	.6	2.9	1.9	2.0								7.4	7.6
SSW	.3	.7	.9	.4								2.3	7.6
SW	.4	.3	1.2	.3								2.2	7.3
WSW	.1	.7	1.6	.4	.1							3.0	8.5
W		2.0	4.5	3.5	.7	.3						11.0	10.9
WNW	.3	.9	4.6	2.3	1.3							9.4	11.1
NW		1.4	5.8	4.1	.6							11.9	10.9
NNW	.1	2.2	2.3	1.3	.3							6.2	9.0
VARBL													
CALM												3.5	
	5.6	30.1	40.7	16.0	3.0	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 691

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)

93744 (STATION) | MARTIN MARIETTA AIRFIELD MD (STATION NAME) | 70-78 (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	.6	1.6	2.7	.3	.3							5.7	7.3
NNE	.2	2.8	1.1	.3								4.4	6.1
NE	.2	1.9	.3	.3								2.7	6.5
ENE	.2	2.2	1.7	.9								5.1	7.9
E	.3	1.6	.9	.2								3.0	6.1
ESE	1.6	1.9	.6									4.1	4.4
SE	1.6	3.8	.9									6.3	4.9
SSE	1.1	3.5	4.3	.2								9.0	6.2
S	1.3	3.5	3.8	.9								9.5	7.1
SSW	.2	.3	.9	.3								1.7	8.1
SW	.6	1.1	.6	.5								2.8	6.6
WSW	.2	.5	1.6	.3								2.5	8.6
W	.5	1.9	4.1	1.3	.6							8.4	9.2
WNW	.2	1.9	4.9	3.5	1.3							11.7	10.7
NW	.3	2.4	4.7	2.1	.6							10.1	9.3
NNW	.8	2.1	2.2	1.4								6.5	7.9
VARBL													
CALM												6.5	
	9.8	32.9	35.5	12.5	2.8							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 633

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MA

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	2.9	3.9	2.0									8.8	5.0
NNE	.2	1.8	.4									2.4	5.0
NE	.6	1.6	1.8	.4								4.5	7.0
ENE	1.0	.8	1.6	1.0								4.5	7.7
E	.4	1.2		.4								2.0	5.6
ESE	.4	.8	.4									1.6	5.8
SE	.2	.6										.8	4.5
SSE		1.2	.8	.2								2.2	6.7
S	1.4	5.5	2.0									9.0	5.3
SSW	.6	1.4	.4									2.4	4.9
SW	.4	1.4	.4									2.2	5.0
WSW		.6	.4	.4								1.4	8.3
W	1.4	3.1	1.8	1.6	.2							8.2	7.6
WNW	.2	3.3	4.5	1.8	.6							10.4	9.3
NW	1.6	2.9	3.5	2.9								10.8	8.2
NNW	2.2	1.6	1.4	.6								5.9	5.8
VARBL													
CALM												22.7	
	13.7	31.8	21.6	9.4	.8							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 490

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	1.7	3.5	.7									6.0	4.7
NNE	.7	1.7	1.2									3.7	5.9
NE	.2	3.2	1.2	.2	.2							5.2	7.1
ENE	1.0	2.7	1.5	1.0								6.2	7.2
E	.5	.5	.7	.2								2.0	6.8
ESE	.2	.7										1.0	4.8
SE		.2	1.0									1.2	7.2
SSE		.2	.7									1.0	8.5
S		1.2	2.2	.7								4.2	8.3
SSW		1.2	1.5									2.7	7.3
SW	.2	1.0	1.2									2.5	6.2
WSW	.2	2.7	.2									3.2	5.5
W	.5	4.0	4.0	.5								8.9	7.1
WNW	.7	2.7	4.0	1.7	.2							9.4	8.3
NW	3.5	4.0	3.0	.7	1.0							12.2	7.0
NNW	3.0	3.5	1.0	.2								7.7	4.7
VARBL													
CALM												22.8	
	12.7	33.3	24.3	5.5	1.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 403

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	1.4	2.5	2.3	.5	.1							6.8	6.5
NNE	.5	2.1	1.1	.1								3.8	5.8
NE	.5	1.9	1.5	.3	.0							4.3	6.7
ENE	.6	2.1	2.3	.7								5.7	7.5
E	.6	1.7	1.2	.2								3.7	6.0
ESE	.6	1.5	.6									2.7	5.2
SE	.6	2.0	1.2	.0								3.8	5.6
SSE	.4	2.0	2.2	.2								4.8	6.5
S	.8	2.8	2.3	.9								6.8	6.8
SSW	.4	1.1	.8	.3								2.7	6.5
SW	.6	.9	.8	.2								2.5	5.9
WSW	.3	1.4	1.5	.6	.0							3.9	7.5
W	.6	2.8	3.9	2.1	.5	.1						10.0	9.1
WNW	.4	2.0	4.1	2.2	.7							9.3	9.7
NW	.9	2.2	3.9	2.5	.5	.0						10.0	9.3
NNW	1.2	2.0	2.0	1.1	.2							6.6	7.4
VARBL													
CALM												12.8	
	10.5	30.9	31.9	11.9	2.0	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 3246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	1.9	1.6	1.6	.6	.3							6.0	6.6
NNE	2.2	1.6	1.3	.3								5.4	4.8
NE	1.9	1.9	.3									4.1	4.2
ENE	1.3	1.3	2.5									5.1	6.3
E	.6	.6	.3	.3								1.9	5.8
ESE		.3	.3									.6	7.5
SE	.3	.9	.3									1.6	5.8
SSE		.6										.6	6.0
S	.3	2.2	1.3	.3								4.1	6.4
SSW	.9	1.6										2.5	3.6
SW	.9	.6	.3									1.9	4.0
WSW	1.3	1.3	2.2	.3								5.1	6.2
W	.6	1.6	5.7	.6	.3							8.9	8.4
WNW	.6	2.5	6.0	2.2	.6							12.0	9.2
NW	1.3	1.9	2.2	2.2	.6							8.2	8.9
NNW	2.5	.9	.6	.3	.3							4.7	5.4
VARBL													
CALM												27.2	
	16.8	21.5	25.0	7.3	2.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 316

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	1.1	2.6	2.9	.3								6.8	6.3
NNE	.8	1.8	1.7	.2								4.4	6.2
NE	1.5	2.0	1.2	.5	.3							5.5	6.6
ENE	.9	2.6	2.0	.3								5.8	6.0
E	2.1	2.0	.6	.3								5.0	4.8
ESE	.8	1.2	.5									2.4	5.3
SE	.6	1.1	.5									2.3	4.5
SSE	.3	.8	.3	.2								1.5	5.6
S	1.1	1.8	2.7	.3								5.9	6.6
SSW	.3	1.7	1.2	.2								3.3	6.4
SW	.9	2.0	.8									3.6	4.9
WSW	.5	1.7	1.5									4.1	5.8
W	.8	2.3	4.4	2.7	.6	.2						10.9	9.7
WNW	.8	1.2	3.6	3.0	1.8	.2						10.6	11.6
NW	.5	.9	3.3	4.7	.6							10.0	11.3
NNW	.3	.8	2.1	1.1								4.3	9.1
VARBL													
CALM												13.4	
	13.7	26.3	29.3	13.7	3.3	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 658

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITION 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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	2.3	2.0	.5								5.9	6.4
NNE	.5	1.6	.8	.2								3.0	6.0
NE	.8	1.1	1.6	.3								3.7	6.7
ENE	.3	2.8	1.4	.8								5.7	6.9
E	.3	2.0	.8	.3								3.4	6.4
ESE	.9	3.3	.9									5.1	5.2
SE	.8	4.5	1.5	.2								7.3	5.8
SSE	.8	3.9	1.1	.6								6.5	6.1
S	.2	2.6	2.3	.6								5.7	7.5
SSW		1.4	1.4									2.8	7.2
SW	.5	1.7	1.2	.3								3.7	6.6
WSW	.2	1.1	1.6	.5								3.3	8.1
W	.2	1.4	4.2	3.0	.9							9.6	10.7
WNW	.2	.5	3.9	4.0	2.2	.9						11.6	13.6
NW	.2	1.1	4.2	6.1	.3							11.8	11.1
NNW		1.7	1.7	2.2	.2	.2						5.9	10.1
VARBL													
CALM												4.8	
	7.1	32.9	30.9	19.6	3.6	1.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 644

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	.7	1.4	2.7	.3								5.1	7.2
NNE	.7	1.5	1.5									3.7	5.9
NE	.5	1.5	1.5	.3								3.9	6.8
ENE	.7	1.9	.5	.3	.2							3.5	6.8
E	1.9	3.9	1.5									7.3	4.8
ESE	2.2	1.7	.5									4.4	4.2
SE	.7	3.0	.8									4.6	5.0
SSE		2.7	1.2	.3								4.2	6.7
S	.5	2.4	3.7	1.4								7.9	8.0
SSW	.3	1.4	1.0	.3								3.0	6.7
SW	.2	1.2	1.0	.2								2.5	6.8
WSW		1.5	1.5	.2								3.2	7.5
W	.5	1.5	3.5	1.9	.5							7.9	9.5
WNW	.3	1.5	6.1	3.5	2.0	.2						13.7	11.6
NW	.2	1.5	5.9	3.7	.2							11.5	10.0
NNW	.7	1.4	2.4	2.0	.2							6.6	8.9
VARBL													
CALM												6.9	
	10.0	29.9	35.5	14.5	3.0	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 592

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	.6	2.9	2.1	.4								6.0	6.6
NNE	2.1	1.7	.8									4.5	4.0
NE	.8	1.0	.6	.6								3.1	6.7
ENE	.6	1.4	1.0	.2	.4							3.9	7.3
E	.4	1.0										1.4	4.6
ESE	.2	1.4										1.7	4.4
SE	.6	1.4	1.0									3.1	5.1
SSE	.4	1.4	.2									2.1	4.2
S	.6	4.1	4.1	.6								9.9	7.1
SSW	.2	1.4	1.0									2.7	6.5
SW	.2	2.3	.8									3.3	5.5
WSW	.4	1.9										2.3	4.8
W	.6	2.7	2.7	.6								6.8	7.3
WNW	1.0	1.2	4.8	4.5	.8	.2	.2					12.8	11.4
NW	1.2	1.9	3.7	2.5								9.3	8.5
NNW	1.0	1.9	1.0	1.2	.2	.2						5.6	8.3
VARBL													
CALM												21.5	
	11.6	39.8	24.0	11.2	1.4	.4	.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 484

USAFETAC FORM JUL 66 0-8-3 (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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	1.3	2.5	1.5	.3								5.6	5.5
NNE	1.3	1.5			.3							3.0	4.9
NE	1.3	1.0	.8	.3								3.3	5.2
ENE		1.0	1.5									2.5	7.0
E	.3	1.3	.3	.3								2.0	5.8
ESE		.5	.5									1.0	6.3
SE	.3	1.0	.3									1.5	4.8
SSE		.8	.3	.5								1.5	8.0
S	2.0	1.5	3.3	1.0								7.9	7.0
SSW	.3	1.0	.5	.3								2.0	6.9
SW	1.3	1.0	1.5									3.8	5.3
WSW	.5	1.5	.3									2.3	4.9
W	.3	1.5	3.0	2.5								7.4	9.4
WNW	.8	1.3	4.3	2.8	.5							9.6	10.0
NW	1.0	2.5	4.6	2.0	.5							10.7	8.9
NNW	1.0	1.8	1.3	1.0	.3	.3						5.6	8.2
VARBL													
CALM												30.2	
	11.4	21.8	23.9	10.9	1.5	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 394

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	1.0	2.2	2.2	.4	.0							5.9	6.4
NNE	1.1	1.6	1.1	.1	.0							3.9	5.4
NE	1.1	1.4	1.1	.4	.1							4.0	6.3
ENE	.7	2.0	1.4	.3	.1							4.6	6.6
E	1.0	2.0	.6	.2								3.9	5.2
ESE	.8	1.6	.5									2.9	4.9
SE	.6	2.2	.9	.0								3.7	5.3
SSE	.3	1.9	.6	.3								3.1	6.1
S	.8	2.5	3.0	.7								7.0	7.2
SSW	.3	1.4	1.0	.1								2.8	6.4
SW	.6	1.6	1.0	.1								3.2	5.7
WSW	.5	1.5	1.2	.2								3.3	6.4
W	.5	1.8	3.9	2.1	.5	.0						8.8	9.4
WNW	.6	1.3	4.7	3.5	1.5	.3	.0					11.8	11.5
NW	.6	1.5	4.1	3.9	.4							10.5	10.1
NNW	.7	1.4	1.7	1.4	.2	.1						5.5	8.7
VARBL													
CALM												15.2	
	11.3	27.6	28.9	13.7	2.7	.4	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3088

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)

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-79 (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	.9	2.2	2.6	.7	.1	.0	.0					6.4	7.2
NNE	.5	1.6	1.5	.3	.0							4.0	6.8
NE	.5	1.5	1.5	.4	.0							3.9	6.9
ENE	.5	1.6	1.6	.4	.1							4.2	7.2
E	.8	2.0	1.5	.3	.0	.0						4.6	6.4
ESE	.5	1.8	1.2	.2	.0							3.8	6.2
SE	.6	2.5	2.6	.3	.0							5.9	6.6
SSE	.6	2.2	3.6	.7	.0	.0						7.2	7.6
S	.9	3.2	3.6	1.1	.1	.0	.0					8.9	7.4
SSW	.5	1.5	1.2	.2	.0	.0						3.3	6.5
SW	.4	1.3	.9	.2	.0							2.8	6.3
WSW	.4	1.4	1.4	.3	.0	.0	.0	.0				3.6	7.3
W	.4	2.0	3.3	1.7	.4	.1	.0					7.8	9.3
WNW	.3	1.4	3.6	2.2	.5	.0	.0					8.1	10.1
NW	.7	1.9	3.7	2.3	.4	.1						9.1	9.4
NNW	.7	1.6	2.3	1.1	.1	.0	.0					5.9	8.1
VARBL													
CALM												10.4	
	9.1	29.7	36.2	12.4	1.8	.2	.0	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 37813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-79 (YEARS) ALL (MONTH)

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

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

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.5	2.5	.6	.1							6.9	6.7
NNE	.0	3.6	3.2	.9	.2							8.6	7.3
NE	1.1	3.8	5.1	1.5	.1							11.7	7.7
ENE	1.0	3.7	5.6	2.0	.4							12.8	8.2
E	1.1	3.4	3.5	1.0	.0	.0						9.2	7.1
ESE	.5	1.7	1.4	.3	.1							4.0	7.0
SE	.8	2.3	1.3	.2	.0							4.5	6.0
SSE	.8	1.6	1.6	.4	.0	.0						4.5	6.7
S	1.3	3.1	3.2	.9	.1	.0	.0					8.6	7.1
SSW	.5	1.8	.9	.1	.0							3.3	6.0
SW	.5	1.1	.6	.1								2.4	5.7
WSW	.4	1.5	.5	.1	.0			.0				2.5	5.9
W	.4	.8	.4	.4	.1							2.0	7.3
WNW	.3	.4	.4	.2	.1							1.4	7.6
NW	.5	.7	.8	.6	.2							2.7	8.6
NNW	.5	1.2	1.0	.4	.0		.0					3.2	7.2
VARBL													
CALM												11.7	
	11.6	33.2	32.1	9.8	1.5	.1	.0	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 4517

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											93.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 93.6%.
Ceiling ≥ 500 feet = 98.1%.

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.7	38.8	39.4	40.8	41.1	41.3	41.6	41.6	41.6	41.6	41.9	41.9	41.9	41.9	42.2	42.5
≥ 20000	33.8	42.5	43.9	45.5	45.8	46.1	46.4	46.4	46.4	46.4	46.6	46.6	46.6	46.6	46.9	47.2
≥ 18000	34.1	42.7	44.1	45.8	46.1	46.4	46.6	46.6	46.6	46.6	46.9	46.9	46.9	46.9	47.2	47.5
≥ 16000	34.4	43.0	44.4	46.1	46.4	46.6	46.9	46.9	46.9	46.9	47.2	47.2	47.2	47.2	47.5	47.8
≥ 14000	35.2	44.1	45.5	47.2	47.5	47.8	48.0	48.0	48.0	48.0	48.3	48.3	48.3	48.3	48.6	48.9
≥ 12000	36.3	46.1	47.5	49.2	49.4	49.7	50.0	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.6	50.8
≥ 10000	41.1	53.1	54.5	56.1	56.4	57.0	57.3	57.3	57.3	57.3	57.8	57.8	57.8	57.8	58.1	58.4
≥ 9000	41.3	53.6	55.0	56.7	57.0	57.5	57.8	57.8	57.8	57.8	58.4	58.4	58.4	58.4	58.7	58.9
≥ 8000	43.0	57.0	58.4	60.3	60.6	61.2	61.5	61.5	61.5	61.5	62.3	62.3	62.3	62.3	62.6	62.8
≥ 7000	44.4	59.2	60.9	63.1	63.7	64.2	64.5	64.5	64.5	64.5	65.4	65.4	65.4	65.4	65.6	65.9
≥ 6000	46.4	61.2	62.8	65.1	65.6	66.2	66.5	66.5	66.5	66.5	67.3	67.3	67.3	67.3	67.6	67.9
≥ 5000	48.6	63.7	65.4	67.9	68.7	69.3	69.6	69.6	69.6	69.6	70.4	70.4	70.4	70.4	70.7	70.9
≥ 4500	48.9	64.2	65.9	68.4	69.3	69.8	70.1	70.1	70.1	70.1	70.9	70.9	70.9	70.9	71.2	71.5
≥ 4000	50.8	67.0	68.7	71.2	72.1	72.6	73.2	73.2	73.2	73.2	74.0	74.0	74.0	74.0	74.3	74.6
≥ 3500	52.2	69.8	71.8	74.3	75.4	76.0	76.5	76.5	76.5	76.5	77.4	77.4	77.4	77.4	77.7	77.9
≥ 3000	53.1	70.9	72.9	75.4	76.8	77.7	78.2	78.2	78.2	78.5	79.3	79.3	79.3	79.3	79.6	79.9
≥ 2500	53.9	72.1	74.0	76.5	77.9	78.8	79.3	79.3	79.3	79.6	80.4	80.4	80.4	80.4	80.7	81.0
≥ 2000	54.2	72.3	74.3	76.8	78.2	79.1	79.6	79.6	79.6	79.9	80.7	80.7	80.7	80.7	81.0	81.3
≥ 1800	54.2	72.3	74.3	76.8	78.2	79.1	79.6	79.6	79.6	79.9	80.7	80.7	80.7	80.7	81.0	81.3
≥ 1500	54.2	72.6	74.9	77.1	78.5	79.3	79.9	79.9	79.9	80.2	81.0	81.0	81.0	81.0	81.3	81.6
≥ 1200	54.2	72.9	74.9	77.4	79.3	80.2	81.0	81.0	81.0	81.3	82.1	82.1	82.1	82.1	82.4	82.7
≥ 1000	54.2	73.2	75.4	77.9	79.9	80.7	81.6	81.6	81.6	81.8	82.7	82.7	82.7	82.7	83.0	83.2
≥ 900	54.2	73.9	75.4	78.2	80.4	81.3	82.7	82.7	82.7	83.0	84.6	84.6	84.9	84.9	85.2	85.5
≥ 800	54.2	74.0	76.5	79.6	82.4	83.5	85.5	85.5	85.5	86.3	88.0	88.0	88.5	88.5	88.8	89.1
≥ 700	54.2	74.0	76.8	79.9	82.7	83.8	86.3	86.3	86.6	87.4	89.4	89.4	89.9	89.9	90.2	90.5
≥ 600	54.2	74.0	76.8	79.9	82.7	84.1	86.9	87.2	87.4	88.5	90.5	90.5	91.3	91.3	91.6	91.9
≥ 500	54.2	74.0	76.8	79.9	83.0	84.6	88.0	88.5	88.8	89.9	92.2	92.2	93.0	93.0	93.3	93.6
≥ 400	54.2	74.0	76.8	79.9	83.0	85.2	88.5	89.7	89.9	91.9	94.7	94.7	95.5	95.5	95.8	96.1
≥ 300	54.2	74.0	76.8	79.9	83.0	85.2	88.8	89.9	90.2	92.7	95.5	95.5	96.6	96.6	96.9	97.2
≥ 200	54.2	74.0	76.8	79.9	83.0	85.5	89.1	90.2	90.5	93.0	96.4	96.4	98.0	98.0	98.3	98.9
≥ 100	54.2	74.0	76.8	79.9	83.0	85.5	89.1	90.2	90.5	93.0	96.4	96.4	98.0	98.3	98.9	100.0
≥ 0	54.2	74.0	76.8	79.9	83.0	85.5	89.1	90.2	90.5	93.0	96.4	96.4	98.0	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 358

USAF ETAC (FORM NO.) 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS L.S.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥⅜	≥0
NO CEILING	31.8	38.5	40.2	41.7	42.4	42.4	42.5	42.5	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000	35.3	45.4	47.3	49.0	49.8	49.8	49.9	49.9	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2
≥ 18000	35.5	45.7	47.6	49.2	50.1	50.1	50.2	50.2	50.2	50.3	50.5	50.5	50.5	50.5	50.5	50.5
≥ 16000	35.8	46.0	47.9	49.5	50.3	50.3	50.5	50.5	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8
≥ 14000	36.9	47.7	49.7	51.3	52.1	52.1	52.3	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5
≥ 12000	37.6	49.1	51.0	52.7	53.5	53.5	53.6	53.6	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9
≥ 10000	40.3	54.3	56.5	58.2	59.0	59.0	59.3	59.3	59.3	59.5	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	41.0	55.6	57.8	59.4	60.2	60.2	60.5	60.5	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000	43.9	60.4	63.0	64.8	65.8	65.8	66.1	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	45.1	62.1	64.9	66.5	67.9	67.9	68.2	68.2	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6
≥ 6000	45.7	63.2	66.0	67.6	69.0	69.0	69.3	69.3	69.3	69.5	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	46.4	64.3	67.1	69.0	71.1	71.1	71.3	71.3	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	46.8	65.2	67.9	69.8	71.9	71.9	72.2	72.2	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	48.7	68.3	71.1	73.0	75.0	75.0	75.3	75.3	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3500	49.5	69.4	72.2	74.1	76.1	76.4	76.8	76.8	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	50.5	71.3	74.1	76.1	78.6	78.9	79.3	79.3	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	50.5	71.7	74.8	77.1	79.6	80.0	80.4	80.5	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2000	50.5	71.9	74.9	77.4	79.8	80.5	80.9	81.1	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1800	50.6	71.9	74.9	77.5	80.0	80.7	81.1	81.2	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1500	50.6	72.2	75.3	77.9	80.5	81.6	82.3	82.6	82.6	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1200	50.6	72.3	75.4	78.7	81.8	82.9	83.5	83.8	83.8	84.6	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1000	50.6	72.0	76.3	79.7	83.3	84.6	85.5	85.7	85.9	86.7	87.1	87.1	87.4	87.4	87.4	87.4
≥ 900	50.8	73.4	76.7	80.2	83.8	85.5	86.7	87.2	87.4	88.5	88.9	89.0	89.3	89.3	89.3	89.3
≥ 800	50.8	73.5	76.8	80.7	84.4	86.1	87.5	88.6	88.8	89.8	90.3	90.4	90.7	90.7	90.7	90.7
≥ 700	50.8	73.5	76.8	80.7	84.5	86.3	87.7	89.0	89.2	90.5	90.9	91.1	91.5	91.5	91.5	91.5
≥ 600	50.8	73.5	76.8	80.7	84.5	86.3	87.8	89.4	89.6	91.2	91.6	91.8	92.2	92.2	92.2	92.2
≥ 500	50.8	73.5	76.8	80.8	84.8	86.7	88.8	91.1	91.2	93.1	93.6	93.7	94.2	94.2	94.4	94.4
≥ 400	50.8	73.5	76.8	80.8	84.8	87.4	89.8	92.5	92.6	94.9	95.7	95.9	96.6	96.6	96.7	96.7
≥ 300	50.8	73.5	76.8	80.8	84.8	87.4	90.0	92.7	93.0	95.6	97.1	97.3	97.9	97.9	98.2	98.4
≥ 200	50.8	73.5	76.8	80.8	84.8	87.4	90.0	92.7	93.1	95.7	97.4	97.5	98.2	98.2	98.5	98.8
≥ 100	50.8	73.5	76.8	80.8	84.8	87.4	90.0	92.7	93.1	95.7	97.4	97.5	98.4	98.4	99.0	99.7
≥ 0	50.8	73.5	76.8	80.8	84.8	87.4	90.0	92.7	93.1	95.7	97.4	97.5	98.4	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 729

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	≥7/16	≥¼	≥0
NO CEILING	31.3	37.6	38.1	39.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	37.8	47.9	48.6	49.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 18000	38.0	48.0	48.7	49.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	38.0	48.0	48.7	49.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000	39.0	49.9	50.6	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 12000	40.6	52.0	52.9	53.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 10000	42.3	54.0	56.3	57.3	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 9000	42.7	56.1	57.4	58.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000	44.7	59.9	61.9	62.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 7000	45.1	60.9	63.1	64.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 6000	45.9	62.7	64.9	65.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 5000	48.0	65.4	67.6	68.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4500	48.7	66.3	68.7	69.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	51.1	71.2	74.2	75.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	52.0	72.9	76.0	77.5	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3000	52.8	74.4	77.9	79.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	53.1	75.0	78.5	80.2	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	53.1	75.8	79.5	81.3	82.8	83.2	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	53.1	76.3	79.9	81.7	83.2	83.7	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	53.1	76.5	80.2	82.0	83.5	84.2	84.4	84.6	84.8	84.9	84.9	84.9	85.1	85.1	85.1
≥ 1200	53.1	76.7	80.3	82.7	84.4	85.2	85.3	85.9	86.0	86.3	86.3	86.3	86.5	86.5	86.5
≥ 1000	53.1	76.8	80.6	83.1	85.3	86.3	86.7	87.6	87.7	88.1	88.1	88.1	88.4	88.4	88.4
≥ 900	53.1	77.0	80.9	83.7	85.9	87.0	87.6	88.7	88.8	89.2	89.2	89.2	89.5	89.5	89.7	89.7
≥ 800	53.1	77.1	81.0	83.8	86.7	88.1	88.8	90.1	90.2	90.6	90.6	90.6	90.9	90.9	91.1	91.1
≥ 700	53.1	77.4	81.4	84.5	87.7	89.7	90.4	91.6	91.8	92.2	92.2	92.2	92.5	92.5	92.6	92.6
≥ 600	53.1	77.4	81.4	84.5	87.8	89.9	90.8	92.2	92.3	92.7	93.4	93.4	93.9	93.9	94.0	94.0
≥ 500	53.1	77.4	81.4	84.5	88.0	90.6	92.0	93.9	94.0	94.7	95.4	95.4	95.8	95.8	95.9	95.9
≥ 400	53.1	77.4	81.4	84.5	88.0	90.6	92.3	94.6	94.7	95.5	96.4	96.4	96.9	96.9	97.1	97.1
≥ 300	53.1	77.4	81.4	84.5	88.0	90.6	92.5	95.1	95.3	96.1	97.1	97.1	97.6	97.6	97.8	97.8
≥ 200	53.1	77.4	81.4	84.5	88.0	90.8	92.7	95.4	95.5	96.4	97.3	97.3	97.9	97.9	98.2	98.2
≥ 100	53.1	77.4	81.4	84.5	88.0	90.8	92.7	95.4	95.5	96.4	97.3	97.3	98.0	98.0	98.7	99.3
≥ 0	53.1	77.4	81.4	84.5	88.0	90.8	92.7	95.4	95.5	96.4	97.3	97.3	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 714

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	36.2	43.3	43.7	44.2	44.4	44.5	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	41.0	52.1	52.6	53.0	53.5	53.6	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000	41.3	52.4	52.9	53.3	53.8	53.9	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 16000	41.3	52.4	52.9	53.3	53.8	53.9	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	43.1	54.9	55.3	55.8	56.3	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	45.0	57.5	58.0	58.4	58.9	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 10000	46.7	60.6	61.1	61.5	62.0	62.1	62.1	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000	46.8	61.4	62.0	62.4	62.9	63.1	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 8000	48.5	64.3	65.1	65.5	66.0	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	49.8	66.9	67.7	68.2	68.8	68.9	68.9	68.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	51.3	68.8	69.6	70.0	70.6	71.1	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	53.0	71.6	72.3	73.0	73.7	74.0	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	53.3	72.3	73.3	73.9	75.0	75.3	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4000	54.1	74.3	75.7	76.7	77.7	78.1	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	55.8	77.3	78.8	80.2	81.3	81.6	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	56.4	79.3	80.8	82.4	83.5	83.8	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	56.6	79.8	81.3	83.0	84.1	84.4	84.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	56.7	80.2	82.1	82.9	85.0	85.3	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	56.7	81.0	82.8	84.7	85.8	86.1	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	56.7	81.6	83.5	85.3	86.9	87.5	87.6	88.3	88.3	89.0	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	56.7	81.6	83.5	85.3	87.2	87.9	88.3	88.9	88.9	89.6	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	56.7	81.6	83.5	85.3	87.3	88.3	89.0	89.6	89.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	56.7	81.6	83.6	85.6	87.9	89.0	89.8	90.6	90.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	56.7	81.8	83.6	85.9	88.6	89.6	90.6	91.5	91.7	92.7	93.0	93.0	93.0	93.0	93.2	93.2
≥ 700	56.7	82.1	84.1	86.2	89.0	90.4	91.8	92.7	92.9	94.1	94.6	94.6	94.6	94.6	94.7	94.7
≥ 600	56.7	82.1	84.1	86.2	89.0	90.6	92.0	92.9	93.0	94.4	94.9	94.9	94.9	94.9	95.2	95.2
≥ 500	56.7	82.1	84.1	86.2	89.2	91.3	92.7	94.1	94.3	95.7	96.3	96.3	96.3	96.3	96.8	96.8
≥ 400	56.7	82.1	84.1	86.2	89.2	91.3	92.9	94.4	94.6	96.0	96.9	96.9	97.4	97.5	98.0	98.0
≥ 300	56.7	82.1	84.1	86.2	89.2	91.3	92.9	94.4	94.6	96.0	97.5	97.5	98.1	98.3	98.8	98.9
≥ 200	56.7	82.1	84.1	86.2	89.2	91.3	92.9	94.4	94.6	96.0	97.7	97.8	98.6	98.8	99.2	99.4
≥ 100	56.7	82.1	84.1	86.2	89.2	91.3	92.9	94.4	94.6	96.0	97.7	97.8	98.6	98.9	99.4	99.5
≥ 0	56.7	82.1	84.1	86.2	89.2	91.3	92.9	94.4	94.6	96.0	97.7	97.8	98.6	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	≥7/16	≥5/16	≥¼	≥0
NO CEILING	47.2	54.3	54.3	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	49.5	59.3	59.5	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	49.5	59.3	59.5	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	50.5	60.2	60.4	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 14000	51.4	61.2	61.4	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	53.2	63.3	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 10000	56.0	67.5	67.9	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	56.6	68.3	68.8	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	58.1	70.9	71.3	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	59.7	73.2	73.6	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
≥ 6000	61.0	75.0	75.3	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	62.7	76.9	77.2	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	63.5	78.4	79.0	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	63.7	79.0	79.5	80.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	64.6	81.5	82.6	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	66.5	84.3	85.5	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	66.7	84.9	86.0	86.6	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	67.9	86.6	87.8	88.3	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	67.9	87.2	88.3	89.1	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	67.9	87.2	88.7	89.5	90.2	90.4	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	67.9	87.2	88.7	89.5	90.4	90.6	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	67.9	87.2	88.7	89.5	90.4	90.6	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	67.9	87.2	88.7	89.5	90.4	90.6	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	68.1	87.4	88.9	89.9	90.8	91.0	91.6	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4
≥ 700	68.1	87.4	88.9	90.2	91.8	92.0	92.5	93.5	93.5	93.7	93.7	93.7	93.9	93.9	93.9	93.9
≥ 600	68.1	87.4	88.9	90.2	92.0	92.7	93.3	94.5	94.5	95.0	95.2	95.2	95.4	95.4	95.4	95.4
≥ 500	68.1	87.4	89.1	90.4	92.2	93.3	94.1	95.6	95.6	96.4	96.7	96.7	97.1	97.1	97.1	97.1
≥ 400	68.1	87.4	89.1	90.4	92.2	93.3	94.1	96.0	96.0	96.9	97.3	97.3	97.7	97.7	97.7	98.3
≥ 300	68.1	87.4	89.3	90.6	92.4	93.5	94.3	96.2	96.2	97.1	97.5	97.5	98.1	98.5	98.5	99.2
≥ 200	68.1	87.4	89.3	90.6	92.4	93.5	94.5	96.4	96.4	97.3	97.7	97.7	98.5	98.9	98.9	99.8
≥ 100	68.1	87.4	89.3	90.6	92.4	93.5	94.5	96.4	96.4	97.3	97.7	97.7	98.5	98.9	98.9	99.8
≥ 0	68.1	87.4	89.3	90.6	92.4	93.5	94.5	96.4	96.4	97.3	97.7	97.7	98.5	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 523

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	≥¼	≥5/16	≥¼	≥0
NO CEILING	51.2	55.8	56.5	56.5	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	53.9	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.4	60.6	60.6	60.6	60.6
≥ 18000	54.1	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000	54.6	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	55.6	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	57.2	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	61.4	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	62.1	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	64.0	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	65.2	74.6	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	65.9	75.8	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	67.4	78.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	69.1	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	70.0	81.2	81.4	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	70.3	81.9	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	72.0	84.5	85.5	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	72.5	85.0	86.0	86.5	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	72.7	86.2	87.2	87.7	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	72.9	86.5	87.4	87.9	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	73.2	86.7	88.4	89.1	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	73.2	86.7	88.4	89.1	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	73.2	86.7	88.4	89.1	89.9	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	73.2	86.7	88.4	89.1	89.9	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.4	90.6	90.6	90.6
≥ 800	73.2	86.7	88.6	89.4	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.6	90.8	90.8	90.8
≥ 700	73.2	86.7	88.6	89.6	91.3	91.8	92.0	92.5	92.5	92.5	92.5	92.4	92.5	92.5	92.5	92.5
≥ 600	73.2	87.0	88.9	89.9	91.6	92.5	92.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500	73.2	87.0	88.9	90.1	92.5	93.2	93.5	95.2	95.2	95.9	96.1	96.1	96.4	96.4	96.4	96.4
≥ 400	73.2	87.0	88.9	90.1	92.5	93.5	93.7	95.9	95.9	96.6	97.3	97.3	97.8	97.8	97.8	98.1
≥ 300	73.2	87.0	88.9	90.1	92.5	93.5	94.0	96.1	96.1	96.9	97.6	97.6	98.3	98.3	98.6	98.8
≥ 200	73.2	87.0	88.9	90.1	92.5	93.5	94.0	96.1	96.1	96.9	97.8	97.8	98.8	98.8	99.0	99.5
≥ 100	73.2	87.0	88.9	90.1	92.5	93.5	94.0	96.1	96.1	96.9	97.8	97.8	98.8	98.8	99.0	99.8
≥ 0	73.2	87.0	88.9	90.1	92.5	93.5	94.0	96.1	96.1	96.9	97.8	97.8	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 414

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-72 YEARS | JAN 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	37.4	43.9	44.5	45.3	45.8	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.1	46.1
≥ 20000	41.2	50.9	51.7	52.6	53.1	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000	41.4	51.1	51.9	52.8	53.4	53.4	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6
≥ 16000	41.7	51.4	52.2	53.1	53.6	53.7	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	42.9	53.0	53.8	54.7	55.3	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6
≥ 12000	44.3	55.1	56.0	56.8	57.4	57.5	57.5	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	47.0	59.3	60.4	61.2	61.8	61.9	62.0	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.3
≥ 9000	47.5	60.3	61.4	62.2	62.8	62.9	63.0	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.3
≥ 8000	49.5	63.8	65.1	66.0	66.7	66.8	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.2
≥ 7000	50.6	65.7	67.2	68.1	69.0	69.1	69.1	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	51.7	67.3	68.8	69.7	70.6	70.7	70.8	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.1	71.1
≥ 5000	53.3	69.5	70.9	72.0	73.0	73.2	73.3	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4500	54.0	70.6	72.1	73.1	74.3	74.4	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.8	74.8
≥ 4000	55.4	73.2	74.9	76.3	77.4	77.6	77.7	77.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	78.0
≥ 3500	56.4	75.1	77.1	78.5	79.7	79.9	80.1	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4
≥ 3000	57.5	77.1	79.2	80.7	82.1	82.3	82.5	82.5	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	57.8	77.6	79.8	81.4	82.8	83.1	83.3	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.7	83.7
≥ 2000	58.0	78.4	80.7	82.3	83.7	84.1	84.3	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8
≥ 1800	58.1	78.7	81.0	82.8	84.1	84.6	84.7	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.2	85.2
≥ 1500	58.1	79.0	81.5	83.3	84.8	85.4	85.7	86.0	86.1	86.4	86.6	86.6	86.6	86.6	86.6	86.7
≥ 1200	58.1	79.1	81.6	83.5	85.4	86.1	86.5	86.9	86.9	87.3	87.5	87.5	87.5	87.5	87.5	87.6
≥ 1000	58.1	79.3	81.9	84.0	86.0	86.9	87.5	87.9	88.0	88.5	88.7	88.7	88.8	88.8	88.8	88.9
≥ 900	58.1	79.5	82.0	84.3	86.4	87.4	88.2	88.8	88.8	89.4	89.7	89.7	89.9	89.9	89.9	90.0
≥ 800	58.2	79.7	82.3	84.7	87.2	88.2	89.2	90.0	90.1	90.7	91.0	91.0	91.2	91.2	91.3	91.3
≥ 700	58.2	79.8	82.5	85.0	87.6	89.1	90.2	91.1	91.2	92.0	92.4	92.4	92.6	92.6	92.7	92.7
≥ 600	58.2	79.8	82.5	85.1	87.9	89.4	90.6	91.8	91.9	92.9	93.4	93.4	93.7	93.7	93.9	93.9
≥ 500	58.2	79.8	82.6	85.1	88.2	90.0	91.5	93.2	93.3	94.4	95.1	95.2	95.5	95.5	95.7	95.7
≥ 400	58.2	79.8	82.6	85.1	88.2	90.3	91.9	93.9	94.1	95.5	96.4	96.5	97.0	97.0	97.2	97.4
≥ 300	58.2	79.8	82.6	85.2	88.2	90.3	92.1	94.2	94.4	95.9	97.1	97.2	97.8	97.9	98.2	98.4
≥ 200	58.2	79.8	82.6	85.2	88.2	90.3	92.2	94.3	94.5	96.0	97.4	97.5	98.3	98.4	98.7	99.0
≥ 100	58.2	79.8	82.6	85.2	88.2	90.3	92.2	94.3	94.5	96.0	97.4	97.5	98.4	98.5	99.0	99.6
≥ 0	58.2	79.8	82.6	85.2	88.2	90.3	92.2	94.3	94.5	96.0	97.4	97.5	98.4	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3387

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.8	44.5	47.5	48.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	51.0
≥ 20000	34.9	47.8	50.7	51.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3
≥ 18000	35.2	49.0	51.9	53.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.5
≥ 16000	35.2	49.0	51.9	53.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.5
≥ 14000	36.4	50.7	53.7	55.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.9
≥ 12000	37.3	52.9	55.5	57.3	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.3
≥ 10000	37.9	54.0	57.0	58.8	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.5	61.5	61.5	61.8
≥ 9000	38.2	54.3	57.6	59.4	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	62.1	62.1	62.1	62.4
≥ 8000	40.9	59.1	62.4	64.2	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.9	66.9	66.9	67.2
≥ 7000	42.1	61.2	64.8	66.6	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.3	69.3	69.3	69.6
≥ 6000	42.7	62.4	66.0	68.1	70.4	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.3	71.3	71.3	71.6
≥ 5000	44.5	65.7	69.6	71.9	74.6	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.5	75.5	75.5	75.8
≥ 4500	44.8	66.9	70.7	73.1	75.8	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.7	76.7	76.7	77.0
≥ 4000	47.2	70.4	74.3	76.7	79.4	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.6	80.6	80.6	80.9
≥ 3500	47.5	71.3	75.2	77.6	80.6	80.9	81.2	81.5	81.5	81.5	81.5	81.5	81.8	81.8	81.8	82.1
≥ 3000	47.5	72.2	76.1	78.8	82.4	83.0	83.3	83.6	83.6	83.6	83.9	83.9	84.2	84.2	84.2	84.5
≥ 2500	47.8	72.8	76.7	79.4	83.0	83.6	84.2	84.8	84.8	84.8	85.1	85.1	85.4	85.4	85.4	85.7
≥ 2000	47.8	72.8	76.7	79.4	83.0	83.6	84.2	84.8	84.8	84.8	85.1	85.1	85.4	85.4	85.4	85.7
≥ 1800	47.8	72.8	76.7	79.7	83.3	83.9	84.5	85.1	85.1	85.1	85.4	85.4	85.7	85.7	85.7	86.0
≥ 1500	47.8	73.4	77.3	80.3	83.9	84.5	85.4	86.0	86.0	86.0	86.3	86.3	86.6	86.6	86.6	86.9
≥ 1200	47.8	74.0	77.9	80.9	84.5	85.1	86.0	86.6	86.6	86.6	86.9	86.9	87.2	87.2	87.2	87.5
≥ 1000	47.8	74.6	78.5	81.8	85.7	86.3	87.2	87.8	87.8	88.1	88.4	88.4	88.7	88.7	88.7	89.0
≥ 900	47.8	74.9	79.1	82.4	86.6	87.2	88.4	89.0	89.0	89.3	89.6	89.6	89.9	89.9	89.9	90.1
≥ 800	47.8	74.9	79.1	82.4	86.6	87.2	88.7	89.6	89.6	90.1	90.4	90.4	90.7	90.7	90.7	91.0
≥ 700	47.8	74.9	79.1	82.4	86.6	87.2	89.0	90.1	90.1	90.7	91.0	91.0	91.6	91.6	91.6	91.9
≥ 600	47.8	74.9	79.1	82.4	86.6	87.2	89.3	91.0	91.0	91.6	91.9	91.9	92.5	92.5	92.8	93.1
≥ 500	47.8	74.9	79.1	82.4	86.9	87.8	89.9	92.2	92.2	92.8	93.1	93.7	94.9	94.9	95.2	95.5
≥ 400	47.8	74.9	79.1	82.4	87.2	88.1	90.1	93.4	93.4	94.0	94.3	94.9	96.7	96.7	97.0	97.3
≥ 300	47.8	74.9	79.1	82.4	87.2	88.4	90.4	94.0	94.0	94.6	95.5	96.1	97.9	97.9	98.2	98.8
≥ 200	47.8	74.9	79.1	82.4	87.2	88.4	90.4	94.0	94.0	94.6	95.5	96.1	97.9	97.9	98.5	99.4
≥ 100	47.8	74.9	79.1	82.4	87.2	88.4	90.4	94.0	94.0	94.6	95.5	96.1	97.9	97.9	98.8	100.0
≥ 0	47.8	74.9	79.1	82.4	87.2	88.4	90.4	94.0	94.0	94.6	95.5	96.1	97.9	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 335

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.7	47.1	48.7	49.8	51.3	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	35.5	52.3	54.4	55.4	57.1	57.2	57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	36.3	53.0	55.1	56.2	57.8	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	36.4	53.2	55.3	56.3	57.9	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	36.4	53.6	55.9	56.9	58.5	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 12000	37.7	56.0	58.2	59.4	61.1	61.2	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	39.1	59.1	61.4	62.6	64.2	64.3	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 9000	39.1	59.1	61.4	62.6	64.2	64.3	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 8000	40.0	61.4	63.9	65.2	66.9	67.0	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	40.9	63.2	65.7	67.3	69.1	69.2	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	41.0	63.7	66.3	68.4	70.6	70.7	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	42.8	66.9	69.4	71.6	74.0	74.1	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	43.1	67.6	70.1	72.4	74.7	74.9	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	44.7	70.3	72.8	75.2	77.6	77.9	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3500	45.3	71.2	73.7	76.1	78.6	78.9	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	45.3	71.8	74.4	76.8	79.5	80.2	80.8	81.1	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	45.3	72.2	74.9	77.4	80.5	81.6	82.3	82.6	82.6	82.9	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	45.3	72.8	75.0	78.2	81.2	82.5	83.5	83.8	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	45.3	72.8	75.6	78.2	81.3	82.9	84.0	84.2	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	45.3	73.4	76.4	78.9	82.3	84.0	85.0	85.3	85.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200	45.3	74.0	77.3	80.1	83.5	85.1	86.2	86.5	86.5	86.9	87.1	87.1	87.2	87.2	87.2	87.2
≥ 1000	45.3	74.3	77.6	80.5	84.4	86.2	87.4	87.7	87.7	88.3	88.6	88.6	88.7	88.7	88.7	88.7
≥ 900	45.3	74.4	77.7	81.0	85.4	87.4	88.9	89.2	89.2	89.9	90.3	90.3	90.5	90.5	90.5	90.5
≥ 800	45.3	74.7	78.0	81.3	85.9	88.1	90.0	90.5	90.5	91.2	91.7	91.7	91.8	91.8	91.8	91.8
≥ 700	45.3	74.7	78.0	81.3	85.9	88.3	90.2	91.1	91.1	92.0	92.4	92.4	93.0	93.0	93.0	93.0
≥ 600	45.3	74.7	78.0	81.3	86.0	88.6	90.6	91.8	92.0	92.9	93.3	93.5	94.2	94.2	94.2	94.2
≥ 500	45.3	74.7	78.0	81.3	86.0	88.9	91.2	92.6	92.7	93.8	94.2	94.4	95.2	95.2	95.2	95.2
≥ 400	45.3	74.7	78.0	81.3	86.0	89.0	91.5	93.2	93.5	94.5	94.9	95.1	96.3	96.3	96.3	96.3
≥ 300	45.3	74.7	78.0	81.3	86.0	89.2	91.7	93.6	93.9	95.1	95.7	95.8	97.6	97.8	98.1	98.1
≥ 200	45.3	74.7	78.0	81.3	86.0	89.2	91.8	93.8	94.1	95.4	96.0	96.1	98.2	98.7	99.1	99.4
≥ 100	45.3	74.7	78.0	81.3	86.0	89.2	91.8	93.8	94.1	95.4	96.0	96.1	98.2	98.8	99.6	100.0
≥ 0	45.3	74.7	78.0	81.3	86.0	89.2	91.8	93.8	94.1	95.4	96.0	96.1	98.2	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 673

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.3	48.7	49.5	49.9	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	45.0	56.7	57.5	57.9	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	45.0	56.9	57.6	58.1	58.9	58.9	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	45.0	56.9	57.6	58.1	58.9	58.9	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 14000	45.0	57.3	58.1	58.6	59.3	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	46.7	59.3	60.1	60.6	61.3	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	47.8	61.8	63.5	63.9	64.9	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	48.4	62.6	64.3	64.7	65.6	65.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	48.8	64.4	66.1	66.7	68.0	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	49.6	64.3	68.0	68.7	70.1	70.4	70.7	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 6000	50.2	68.9	68.7	69.5	70.9	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.8
≥ 5000	51.8	69.3	71.2	72.1	73.6	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 4500	51.8	70.0	71.8	72.7	74.4	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 4000	53.6	72.9	74.7	75.7	77.3	77.8	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
≥ 3500	54.1	74.3	76.1	77.0	78.7	79.2	79.5	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 3000	55.2	75.7	78.0	79.0	80.9	81.4	81.7	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0
≥ 2500	55.2	76.0	78.3	79.7	81.5	82.1	82.6	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1
≥ 2000	55.3	76.7	79.4	81.0	83.1	83.7	84.6	84.9	85.1	85.2	85.2	85.2	85.4	85.4	85.4	85.4
≥ 1800	55.3	76.7	79.4	81.0	83.4	84.0	84.9	85.2	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.7
≥ 1500	55.6	77.5	80.6	82.4	84.7	85.5	86.4	86.9	87.1	87.2	87.2	87.2	87.4	87.4	87.4	87.4
≥ 1200	55.6	78.4	81.5	83.8	86.6	87.4	88.3	88.9	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4
≥ 1000	55.6	78.6	81.8	84.9	87.8	88.8	89.7	90.3	90.4	90.9	91.1	91.1	91.2	91.2	91.2	91.2
≥ 900	55.6	79.2	82.6	85.7	88.8	89.7	90.6	91.2	91.4	91.8	92.0	92.1	92.3	92.3	92.3	92.3
≥ 800	55.6	79.2	82.6	85.8	89.1	90.0	91.1	91.7	92.0	92.6	92.9	93.1	93.2	93.2	93.2	93.2
≥ 700	55.6	79.2	82.6	85.8	89.4	90.4	91.7	92.3	92.8	93.4	93.7	93.8	94.1	94.1	94.1	94.1
≥ 600	55.6	79.2	82.6	85.8	89.7	90.8	92.0	93.1	94.0	94.9	95.4	95.5	95.8	95.8	95.8	95.8
≥ 500	55.6	79.2	82.6	85.8	89.8	90.9	92.1	93.2	94.1	95.4	95.8	96.0	96.9	96.9	96.9	96.9
≥ 400	55.6	79.2	82.6	85.8	89.8	90.9	92.3	93.5	94.6	96.0	96.5	96.6	97.5	97.5	97.5	97.5
≥ 300	55.6	79.2	82.7	86.0	90.0	91.1	92.4	93.8	95.5	97.2	97.7	97.8	99.1	99.1	99.2	99.4
≥ 200	55.6	79.2	82.7	86.0	90.0	91.1	92.4	93.8	95.5	97.2	97.7	97.8	99.1	99.4	99.5	99.7
≥ 100	55.6	79.2	82.7	86.0	90.0	91.1	92.4	93.8	95.5	97.2	97.7	97.8	99.2	99.5	99.8	100.0
≥ 0	55.6	79.2	82.7	86.0	90.0	91.1	92.4	93.8	95.5	97.2	97.7	97.9	99.2	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 649

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	44.9	51.5	52.0	52.7	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	49.6	58.2	59.6	60.7	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 18000	49.8	59.2	59.6	60.7	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 16000	50.1	59.5	60.2	61.0	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 14000	50.2	59.7	60.3	61.1	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	51.2	60.8	61.5	62.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	52.2	62.9	63.6	64.4	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	52.2	63.3	64.2	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
≥ 8000	53.7	65.4	66.5	67.3	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	55.3	68.3	69.4	70.4	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	56.1	69.4	70.6	71.7	73.2	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	57.4	71.8	72.6	74.0	75.4	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	57.7	73.2	74.6	75.8	77.2	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4000	59.0	75.3	76.7	77.9	79.5	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	59.8	76.6	78.2	79.3	81.0	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	60.5	77.9	80.3	81.5	83.1	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	60.5	78.5	81.0	82.1	83.9	84.2	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	60.5	79.2	81.8	83.4	85.4	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	60.5	79.3	82.0	83.6	85.5	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	60.5	80.2	82.9	84.7	86.8	87.2	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	60.5	80.7	83.6	85.5	87.8	88.3	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	60.5	81.1	84.1	86.0	88.6	89.1	89.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 900	60.5	81.1	84.1	86.0	88.6	89.1	89.8	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	60.5	81.1	84.1	86.0	88.6	89.3	89.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	60.5	81.3	84.2	86.2	88.9	89.8	90.4	91.9	91.9	92.0	92.0	92.0	92.5	92.5	92.5	92.5
≥ 600	60.5	81.3	84.2	86.2	88.9	89.8	90.7	92.4	92.5	92.8	93.2	93.2	94.0	94.0	94.0	94.0
≥ 500	60.7	81.8	84.7	86.7	89.6	90.6	91.7	93.5	93.7	94.0	94.8	94.8	95.6	95.6	95.6	95.6
≥ 400	60.7	81.8	84.7	86.7	89.6	90.6	91.7	94.0	94.1	94.6	95.6	95.6	96.6	96.6	96.9	96.9
≥ 300	60.7	81.8	84.7	86.7	89.6	90.6	91.7	94.5	95.0	95.6	96.6	96.6	96.4	97.7	98.0	98.5	98.9
≥ 200	60.7	81.8	84.7	86.7	89.6	90.6	91.7	94.5	95.0	95.6	96.6	96.6	96.6	97.7	98.5	99.0	99.3
≥ 100	60.7	81.8	84.7	86.7	89.6	90.6	91.7	94.5	95.0	95.6	96.6	96.6	96.6	97.7	98.5	99.0	99.8
≥ 0	60.7	81.8	84.7	86.7	89.6	90.6	91.7	94.5	95.0	95.6	96.6	96.6	96.6	97.7	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 615

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	50.3	57.2	57.6	58.2	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9
≥ 20000	53.6	62.5	63.1	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6
≥ 18000	53.8	62.7	63.3	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8
≥ 16000	53.8	62.9	63.5	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.0	65.0
≥ 14000	54.2	63.3	64.2	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6
≥ 12000	55.0	64.2	65.0	65.8	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.4
≥ 10000	55.2	64.8	65.6	66.4	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.0	67.0
≥ 9000	55.2	65.4	66.2	67.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6
≥ 8000	55.8	66.8	68.0	68.8	69.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9	69.9
≥ 7000	57.0	68.0	69.7	70.7	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1
≥ 6000	58.0	69.7	71.5	72.7	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥ 5000	59.7	71.5	74.3	75.6	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0
≥ 4500	59.7	71.5	74.3	76.0	76.8	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6
≥ 4000	61.3	74.9	78.0	79.6	80.9	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7
≥ 3500	62.7	76.6	79.6	81.3	82.5	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.3
≥ 3000	63.1	77.0	80.0	81.7	83.5	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.5	84.5
≥ 2500	63.3	77.4	80.4	82.1	83.9	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.9	84.9
≥ 2000	63.3	77.6	80.7	82.3	84.5	84.7	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9
≥ 1800	63.3	77.6	80.7	82.3	84.5	84.7	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9
≥ 1500	63.3	77.6	80.7	82.3	84.9	85.3	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6
≥ 1200	63.3	77.6	81.1	82.7	85.7	86.2	87.4	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.2	88.2
≥ 1000	63.3	77.6	81.1	82.7	85.7	86.2	87.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.2	89.2
≥ 900	63.3	77.6	81.1	82.9	85.9	86.6	88.6	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.2	90.2
≥ 800	63.3	77.8	81.3	83.1	86.2	87.0	89.2	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.2	91.2
≥ 700	63.3	78.4	81.9	83.9	87.0	88.0	90.2	91.6	91.6	92.3	92.5	92.9	92.9	92.9	93.1	93.1
≥ 600	63.3	78.4	81.9	83.9	87.0	88.2	90.4	92.1	92.1	92.7	93.1	93.5	93.7	93.7	93.9	93.9
≥ 500	63.3	78.4	81.9	83.9	87.4	88.6	91.0	93.7	93.7	94.3	94.7	95.1	95.3	95.3	95.5	95.5
≥ 400	63.3	78.4	81.9	83.9	87.4	88.6	91.0	93.9	93.9	94.9	95.9	96.3	97.6	97.8	98.2	98.2
≥ 300	63.3	78.4	81.9	83.9	87.4	88.6	91.2	94.1	94.1	95.1	96.1	96.5	98.0	98.2	98.6	98.6
≥ 200	63.3	78.4	81.9	83.9	87.4	88.6	91.2	94.1	94.1	95.1	96.5	96.9	98.6	99.0	99.4	99.4
≥ 100	63.3	78.4	81.9	83.9	87.4	88.6	91.2	94.3	94.3	95.3	96.7	97.1	99.0	99.2	99.6	99.8
≥ 0	63.3	78.4	81.9	83.9	87.4	88.6	91.2	94.3	94.3	95.3	96.7	97.1	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 491

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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	51.0	56.3	56.9	57.4	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	54.1	59.6	60.2	60.7	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000	54.1	59.6	60.2	60.7	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 16000	54.1	60.2	60.7	61.2	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	54.6	61.2	61.9	62.4	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	55.8	62.4	63.2	63.7	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	57.9	65.0	65.7	66.2	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	58.6	66.2	67.0	67.5	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	59.4	67.8	68.5	69.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	59.6	68.0	69.3	70.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	61.2	70.1	71.3	72.3	73.4	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	63.2	73.4	74.6	75.6	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	63.2	73.4	74.6	75.6	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	65.0	75.9	77.4	78.7	80.7	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	65.2	76.6	78.2	79.4	81.5	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	65.7	77.2	78.7	79.9	82.0	82.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	66.0	77.4	79.2	80.5	82.5	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	66.0	77.9	79.7	81.0	83.0	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1800	66.0	77.9	79.7	81.0	83.0	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	66.2	78.2	79.9	81.2	83.8	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	66.2	78.4	80.5	82.0	84.5	85.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	66.2	78.4	80.5	82.2	85.0	85.8	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 900	66.2	78.4	80.5	82.2	85.0	85.8	87.6	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 800	66.2	78.7	80.7	83.0	85.8	87.1	89.3	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 700	66.2	78.7	80.7	83.2	86.5	88.6	92.1	92.4	92.4	92.6	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	66.2	78.7	80.7	83.2	86.5	88.8	93.1	93.4	93.4	94.2	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	66.2	78.7	80.7	83.2	86.5	88.8	93.1	94.2	94.2	95.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	66.2	78.7	80.7	83.2	86.5	88.8	93.1	94.2	94.2	95.4	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	66.2	78.7	80.7	83.2	86.5	88.8	93.1	94.2	94.2	95.4	97.7	97.7	98.5	98.5	98.5	98.5
≥ 200	66.2	78.7	80.7	83.2	86.5	88.8	93.1	94.2	94.2	95.4	97.7	97.7	98.7	98.7	98.7	98.7
≥ 100	66.2	78.7	80.7	83.2	86.5	88.8	93.1	94.2	94.2	95.4	97.7	97.7	98.7	98.7	99.0	99.0
≥ 0	66.2	78.7	80.7	83.2	86.5	88.8	93.1	94.2	94.2	95.4	97.7	97.7	98.7	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 394

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-7[illegible] (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	≥¼	≥0
NO CEILING	41.5	50.7	51.8	52.5	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7
≥ 20000	45.3	56.6	57.8	58.6	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
≥ 18000	45.5	56.9	58.1	58.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 16000	45.6	57.1	58.3	59.1	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	45.9	57.7	59.0	59.9	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1
≥ 12000	47.1	59.3	60.6	61.5	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
≥ 10000	48.1	61.5	63.0	63.9	64.8	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3
≥ 9000	48.4	62.0	63.6	64.5	65.4	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9
≥ 8000	49.4	64.2	65.9	66.9	68.2	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7
≥ 7000	50.5	65.9	67.8	69.0	70.4	70.6	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 6000	51.2	67.1	69.0	70.4	71.9	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
≥ 5000	52.8	69.7	71.9	73.3	75.0	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
≥ 4500	53.0	70.4	72.6	74.2	75.9	76.1	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6
≥ 4000	54.7	73.2	75.5	77.1	79.0	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9
≥ 3500	55.4	74.4	76.7	78.3	80.3	80.6	80.9	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
≥ 3000	55.8	75.3	77.9	79.5	81.7	82.2	82.6	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.1	83.1
≥ 2500	55.9	75.7	78.4	80.1	82.4	83.0	83.5	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.1
≥ 2000	56.0	76.2	79.0	80.9	83.3	84.0	84.7	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4
≥ 1800	56.0	76.3	79.0	81.0	83.5	84.2	85.0	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.6
≥ 1500	56.1	76.8	79.7	81.7	84.4	85.2	86.1	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.8	86.8
≥ 1200	56.1	77.3	80.4	82.6	85.6	86.4	87.3	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.2
≥ 1000	56.1	77.6	80.7	83.2	86.3	87.2	88.3	88.9	88.9	89.2	89.4	89.4	89.5	89.5	89.5	89.5
≥ 900	56.1	77.8	81.0	83.5	86.9	87.8	89.1	89.7	89.8	90.2	90.3	90.4	90.5	90.5	90.5	90.5
≥ 800	56.1	77.9	81.1	83.8	87.2	88.3	89.9	90.7	90.8	91.3	91.4	91.5	91.6	91.6	91.6	91.6
≥ 700	56.1	78.0	81.2	83.9	87.5	88.9	91.7	91.6	91.7	92.3	92.6	92.7	93.0	93.0	93.1	93.1
≥ 600	56.1	78.0	81.2	83.9	87.6	89.1	91.1	92.3	92.6	93.3	93.7	93.9	94.3	94.3	94.4	94.4
≥ 500	56.1	78.1	81.3	84.0	87.9	89.5	91.6	93.2	93.5	94.3	94.9	95.1	95.8	95.8	95.8	95.9
≥ 400	56.1	78.1	81.3	84.0	87.9	89.5	91.7	93.7	94.0	95.0	95.8	96.0	97.0	97.1	97.2	97.2
≥ 300	56.1	78.1	81.3	84.1	87.9	89.6	91.8	94.0	94.5	95.6	96.6	96.8	98.1	98.3	98.5	98.7
≥ 200	56.1	78.1	81.3	84.1	87.9	89.6	91.9	94.0	94.6	95.7	96.7	96.9	98.4	98.8	99.1	99.4
≥ 100	56.1	78.1	81.3	84.1	87.9	89.6	91.9	94.1	94.6	95.7	96.7	96.9	98.5	98.9	99.4	99.8
≥ 0	56.1	78.1	81.3	84.1	87.9	89.6	91.9	94.1	94.6	95.7	96.7	96.9	98.5	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3157

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (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	30.4	41.8	43.4	44.0	44.9	45.8	46.1	46.1	46.1	46.4	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	33.1	44.1	48.5	49.7	50.9	51.8	52.1	52.1	52.1	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	33.4	46.4	49.1	50.3	51.5	52.4	52.7	52.7	52.7	53.0	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	33.4	46.4	49.1	50.3	51.5	52.4	52.7	52.7	52.7	53.0	53.3	53.3	53.3	53.3	53.3	53.3
≥ 14000	34.3	47.9	50.6	51.8	53.0	53.9	54.2	54.2	54.2	54.5	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	34.6	48.2	50.9	52.1	53.3	54.2	54.5	54.5	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1
≥ 10000	37.0	52.7	56.0	57.5	58.7	59.6	59.9	59.9	59.9	60.2	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	37.7	53.3	56.6	58.1	59.3	60.2	60.5	60.5	60.5	60.8	61.1	61.1	61.1	61.1	61.1	61.1
≥ 8000	39.5	55.6	60.2	61.7	63.3	64.2	64.5	64.5	64.5	64.8	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	40.7	58.4	62.3	63.9	65.7	66.6	66.9	66.9	66.9	67.2	67.5	67.5	67.5	67.5	67.5	67.5
≥ 6000	41.6	60.2	64.2	65.7	67.3	69.0	69.3	69.3	69.3	69.6	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	42.2	61.4	65.4	67.2	69.3	70.5	70.8	70.8	70.8	71.1	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4500	43.4	63.0	66.9	68.7	70.8	72.0	72.3	72.3	72.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4000	44.3	65.1	69.6	71.7	73.8	75.0	75.6	75.6	75.9	76.2	76.8	76.8	76.8	77.1	77.1	77.1
≥ 3500	44.3	65.4	69.9	72.3	74.4	75.9	76.5	76.5	76.8	77.1	77.7	77.7	77.7	78.0	78.0	78.0
≥ 3000	44.9	66.6	71.4	74.7	76.8	78.3	78.9	78.9	79.2	79.5	80.1	80.1	80.1	80.4	80.4	80.4
≥ 2500	44.9	68.4	73.8	77.1	79.2	80.7	81.3	81.3	81.6	81.9	82.5	82.5	82.5	82.8	82.8	82.8
≥ 2000	45.2	69.3	75.0	78.3	80.4	81.9	82.5	82.5	82.8	83.1	84.0	84.0	84.0	84.3	84.3	84.3
≥ 1800	45.2	69.3	75.0	78.3	80.4	81.9	82.5	82.5	82.8	83.1	84.0	84.0	84.0	84.3	84.3	84.3
≥ 1500	45.2	69.3	75.3	78.9	81.0	82.5	83.1	83.1	83.4	84.0	84.9	84.9	84.9	85.2	85.2	85.2
≥ 1200	45.5	69.8	75.6	79.2	81.9	83.7	84.6	84.6	84.9	85.8	86.7	86.7	86.7	87.0	87.0	87.0
≥ 1000	45.5	70.2	76.5	80.4	83.4	85.2	86.1	86.1	86.4	87.3	88.6	88.6	88.6	88.9	88.9	88.9
≥ 900	45.5	70.2	76.5	80.4	83.4	85.2	86.1	86.1	86.4	87.3	88.6	88.6	88.6	88.9	88.9	88.9
≥ 800	45.5	70.2	76.5	80.7	83.7	86.1	87.0	87.0	87.3	88.6	89.8	89.8	89.8	90.1	90.1	90.1
≥ 700	45.5	70.5	76.8	81.0	84.3	87.3	88.6	88.9	89.2	90.4	91.6	91.6	91.6	91.9	91.9	91.9
≥ 600	45.8	70.8	77.4	81.6	85.5	88.6	90.1	90.7	91.0	92.2	93.4	93.4	93.7	94.0	94.0	94.0
≥ 500	45.8	70.8	77.4	81.6	85.8	88.9	90.7	91.6	91.9	93.4	95.2	95.2	95.5	95.8	95.8	95.8
≥ 400	45.8	70.8	77.4	81.6	85.8	88.9	90.7	91.6	92.5	94.0	96.4	96.4	97.0	97.3	97.3	97.3
≥ 300	45.8	70.8	77.4	81.6	85.8	89.2	91.3	92.2	93.1	94.6	97.0	97.0	97.6	98.5	98.5	98.8
≥ 200	45.8	70.8	77.4	81.6	85.8	89.2	91.3	92.2	93.1	94.6	97.0	97.0	97.9	98.8	98.8	99.1
≥ 100	45.8	70.8	77.4	81.6	85.8	89.2	91.3	92.2	93.1	94.6	97.0	97.0	97.9	98.8	99.4	99.7
≥ 0	45.8	70.8	77.4	81.6	85.8	89.2	91.3	92.2	93.1	94.6	97.0	97.0	97.9	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 337

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥7/16	≥¼	≥0
NO CEILING	32.7	42.3	45.1	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	36.0	49.3	52.6	52.7	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 18000	36.3	49.6	52.9	53.0	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 16000	36.3	49.6	52.9	53.0	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 14000	36.6	50.4	53.6	53.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 12000	36.9	51.0	54.3	54.7	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 10000	40.0	55.0	58.4	58.9	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	40.8	56.3	59.7	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	42.3	58.0	62.3	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	42.5	59.2	62.6	63.7	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	43.1	62.0	65.4	66.7	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 5000	44.0	63.6	67.1	68.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	44.5	64.3	67.9	69.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4000	46.0	67.1	71.2	73.5	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	46.4	67.4	71.6	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	47.3	69.6	73.6	76.1	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	48.1	71.6	75.7	78.4	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	48.1	72.1	76.3	79.4	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1800	48.1	72.2	76.4	79.5	81.6	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	48.1	72.9	77.2	80.8	82.8	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	48.1	73.2	77.5	81.1	83.7	84.5	85.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1000	48.7	74.6	78.9	82.5	85.4	86.4	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 900	48.7	74.6	79.1	82.6	85.6	86.7	87.6	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1
≥ 800	48.7	74.6	79.4	82.9	86.5	88.2	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 700	48.7	74.6	79.5	83.1	86.8	88.8	90.1	90.4	90.4	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	48.7	74.7	79.6	83.6	87.8	89.8	91.2	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0
≥ 500	48.7	74.7	79.8	83.6	88.5	90.5	92.2	93.8	94.0	94.9	95.0	95.2	95.2	95.3	95.5	95.5
≥ 400	48.7	74.7	79.8	83.6	88.5	90.7	92.7	94.6	94.7	96.0	96.6	96.9	97.4	97.5	97.7	97.7
≥ 300	48.7	74.7	79.8	83.6	88.7	91.0	93.2	95.0	95.2	96.6	97.2	97.5	98.1	98.8	98.9	98.9
≥ 200	48.7	74.7	79.8	83.6	88.7	91.0	93.2	95.0	95.2	96.6	97.7	98.0	98.6	99.2	99.5	99.5
≥ 100	48.7	74.7	79.8	83.6	88.7	91.0	93.2	95.0	95.2	96.6	97.7	98.0	98.6	99.2	99.7	99.7
≥ 0	48.7	74.7	79.8	83.6	88.7	91.0	93.2	95.0	95.2	96.6	97.8	98.1	98.8	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 645

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	38.0	45.1	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	42.1	51.7	52.6	53.0	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	42.1	51.7	52.8	53.0	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	42.3	51.9	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 14000	42.7	52.7	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 12000	43.1	53.6	55.0	55.2	55.5	55.5	55.5	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	44.8	56.9	58.4	58.5	58.8	58.8	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	45.6	57.9	59.3	59.5	59.8	59.9	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	46.8	60.1	61.5	62.0	62.5	62.8	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 7000	47.0	61.5	62.9	63.4	64.2	64.7	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	47.6	64.2	65.6	66.1	66.9	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	48.9	66.2	67.7	68.5	69.4	69.9	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	50.6	69.1	70.5	71.5	72.4	72.9	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	54.1	72.9	74.3	75.2	76.5	77.0	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	54.7	74.1	75.6	76.8	78.1	79.5	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3000	55.8	75.9	77.4	78.7	80.0	80.4	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	56.2	77.3	78.9	80.3	82.0	82.5	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	56.2	77.4	79.2	80.6	82.5	83.0	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	56.2	77.9	79.7	81.1	83.0	83.4	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	56.2	78.5	80.4	82.3	84.4	84.9	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1200	56.2	78.9	80.4	82.6	84.7	85.2	85.8	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1000	56.2	79.2	81.5	83.9	85.8	86.6	87.2	87.5	87.5	88.0	88.0	88.0	88.2	88.2	88.2	88.2
≥ 900	56.2	79.2	81.5	83.8	86.0	86.9	87.5	87.9	87.9	88.3	88.3	88.3	88.5	88.5	88.5	88.5
≥ 800	56.2	79.5	82.2	84.5	87.4	88.6	89.3	89.6	89.7	90.2	90.4	90.4	90.5	90.5	90.5	90.5
≥ 700	56.2	79.5	82.5	84.9	88.6	90.2	91.3	92.0	92.1	92.6	92.7	92.7	92.9	92.9	92.9	92.9
≥ 600	56.2	79.5	82.5	84.9	89.1	91.0	92.1	92.9	93.2	93.8	94.2	94.2	94.3	94.3	94.3	94.3
≥ 500	56.2	79.8	83.0	85.3	90.1	92.3	93.7	95.1	95.6	96.4	97.2	97.2	97.5	97.5	97.5	97.5
≥ 400	56.2	79.8	83.0	85.3	90.1	92.3	93.8	95.3	95.9	97.0	97.6	97.8	98.1	98.1	98.1	98.1
≥ 300	56.2	79.8	83.0	85.3	90.2	92.4	94.0	95.7	96.7	98.1	99.1	99.1	99.4	99.5	99.5	99.5
≥ 200	56.2	79.8	83.0	85.3	90.2	92.4	94.0	95.7	96.7	98.4	99.5	99.5	99.8	100.0	100.0	100.0
≥ 100	56.2	79.8	83.0	85.3	90.2	92.4	94.0	95.7	96.7	98.4	99.5	99.5	99.8	100.0	100.0	100.0
≥ 0	56.2	79.8	83.0	85.3	90.2	92.4	94.0	95.7	96.7	98.4	99.5	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 634

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	40.1	45.7	46.1	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	45.5	55.0	55.3	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 18000	45.5	55.0	55.3	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 16000	45.7	55.1	55.5	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	47.1	56.5	56.9	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	48.2	57.9	58.1	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000	50.1	59.7	60.0	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	51.1	61.3	61.6	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	52.7	63.7	64.0	64.7	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	53.2	64.1	65.6	66.3	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	53.6	66.5	67.5	68.2	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	56.7	70.7	71.7	72.4	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500	56.8	73.1	74.2	74.9	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	61.6	76.1	77.5	78.4	78.5	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	62.3	78.4	79.9	80.8	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	63.9	81.2	83.1	83.9	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	64.4	82.4	84.3	85.2	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	64.6	83.2	85.2	86.0	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	64.6	83.4	85.3	86.2	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	64.7	84.3	86.4	87.3	88.0	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	64.9	84.6	86.9	87.8	88.5	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	65.3	85.3	87.6	88.8	89.7	89.9	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	65.3	85.9	88.0	89.4	90.2	90.4	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	65.3	85.9	88.1	89.5	90.6	91.8	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	65.3	85.3	88.1	89.9	91.4	92.5	94.1	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	65.3	85.3	88.1	89.9	92.0	93.2	95.1	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	65.3	85.3	88.3	90.1	92.5	93.9	96.0	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	65.3	85.3	88.3	90.1	92.5	93.9	96.2	98.3	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	65.3	85.3	88.3	90.1	92.5	94.1	96.3	98.6	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	65.3	85.3	88.3	90.1	92.5	94.1	96.3	98.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.3	85.3	88.3	90.1	92.5	94.1	96.3	98.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.3	85.3	88.3	90.1	92.5	94.1	96.3	98.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-73 (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	≥½	≥7/16	≥5/16	≥¼	≥0
NO CEILING	45.8	51.6	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.5	52.5
≥ 20000	51.6	59.2	59.6	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.9	60.9
≥ 18000	51.6	59.2	59.6	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.9	60.9
≥ 16000	51.6	59.2	59.6	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.9	60.9
≥ 14000	52.0	59.6	60.5	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8
≥ 12000	54.0	62.4	63.6	64.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.2
≥ 10000	57.4	67.0	67.6	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0
≥ 9000	57.8	67.6	68.5	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.9	69.9
≥ 8000	61.6	73.0	74.1	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4
≥ 7000	62.1	74.3	75.4	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.8
≥ 6000	62.9	75.7	76.8	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.6
≥ 5000	63.8	77.9	79.0	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.8
≥ 4500	65.0	79.0	80.1	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.9
≥ 4000	67.6	81.9	83.3	84.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.3
≥ 3500	67.9	82.9	85.3	86.2	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.1	87.3
≥ 3000	68.3	83.3	86.6	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	89.1
≥ 2500	69.2	84.6	88.4	89.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.6
≥ 2000	70.1	85.9	90.2	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.4
≥ 1800	70.1	86.2	90.6	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.9
≥ 1500	70.1	86.2	90.6	92.0	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.3
≥ 1200	70.1	86.8	91.5	92.6	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.8	94.0
≥ 1000	70.1	86.8	91.5	92.6	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.8	94.0
≥ 900	70.1	86.8	91.5	92.6	93.3	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.2
≥ 800	70.1	86.8	91.5	93.1	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.9
≥ 700	70.1	86.8	91.5	93.1	94.2	94.4	94.4	94.6	94.6	94.9	94.9	94.9	94.9	94.9	95.1	95.3
≥ 600	70.1	86.8	91.5	93.1	94.6	94.9	95.1	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.2	96.4
≥ 500	70.1	86.8	91.5	93.2	95.3	96.0	96.2	96.9	97.1	98.0	98.0	98.0	98.0	98.0	98.2	98.4
≥ 400	70.1	86.8	91.5	93.3	95.3	96.0	96.2	96.9	97.1	98.2	98.2	98.2	98.2	98.2	98.4	98.7
≥ 300	70.1	86.8	91.5	93.3	95.3	96.0	96.2	97.5	97.8	98.9	98.9	98.9	98.9	99.1	99.1	99.6	99.8
≥ 200	70.1	86.8	91.5	93.3	95.3	96.0	96.2	97.5	97.8	98.9	98.9	98.9	98.9	99.1	99.1	99.6	100.0
≥ 100	70.1	86.8	91.5	93.3	95.3	96.0	96.2	97.5	97.8	98.9	98.9	98.9	98.9	99.1	99.1	99.6	100.0
≥ 0	70.1	86.8	91.5	93.3	95.3	96.0	96.2	97.5	97.8	98.9	98.9	98.9	98.9	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 448

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.7	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.5
≥ 20000	60.6	66.7	67.1	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.1
≥ 18000	61.2	67.2	67.8	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.7
≥ 16000	61.2	67.2	67.8	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.7
≥ 14000	63.5	69.6	70.1	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.0
≥ 12000	64.6	71.6	72.2	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
≥ 10000	67.0	74.8	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.2
≥ 9000	67.3	76.5	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.0
≥ 8000	69.3	79.1	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.6
≥ 7000	70.1	80.3	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.7
≥ 6000	71.9	82.0	82.6	82.9	83.2	83.2	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.8
≥ 5000	73.6	84.6	85.2	85.5	85.8	85.8	85.8	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.4
≥ 4500	73.6	84.9	85.5	85.8	86.1	86.1	86.1	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.7
≥ 4000	74.5	86.1	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.8
≥ 3500	74.5	87.8	88.4	88.7	89.0	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	90.1
≥ 3000	75.1	89.0	90.1	90.4	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.9
≥ 2500	75.4	89.9	91.0	91.3	92.2	92.2	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.8
≥ 2000	75.9	90.4	91.6	92.2	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.6
≥ 1800	75.9	90.4	91.9	92.2	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.6
≥ 1500	75.9	91.0	93.0	93.3	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.8
≥ 1200	75.9	91.0	93.0	93.3	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.8
≥ 1000	75.9	91.3	93.3	93.6	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	95.1
≥ 900	75.9	91.3	93.3	93.4	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	95.1
≥ 800	75.9	91.3	93.3	93.6	94.5	94.8	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.7
≥ 700	75.9	91.3	93.3	93.6	94.5	95.1	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.9
≥ 600	75.9	91.6	93.6	94.2	95.4	95.9	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	97.1
≥ 500	75.9	91.6	93.6	94.5	95.7	96.5	97.1	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.3
≥ 400	75.9	91.6	93.6	94.5	95.7	96.5	97.1	97.4	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.6
≥ 300	75.9	91.6	93.6	94.5	95.7	96.5	97.1	97.4	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.6
≥ 200	75.9	91.6	93.6	94.5	95.7	96.5	97.1	97.4	97.4	98.0	98.6	98.6	98.8	98.8	98.8	99.1
≥ 100	75.9	91.6	93.6	94.5	95.7	96.5	97.1	97.4	97.4	98.3	98.8	98.8	99.1	99.1	99.1	100.0
≥ 0	75.9	91.6	93.6	94.5	95.7	96.5	97.1	97.4	97.4	98.3	98.8	98.8	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 345

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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	39.9	47.2	48.3	48.6	48.8	48.9	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	44.0	54.0	55.4	55.8	56.2	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000	44.2	54.2	55.6	56.0	56.4	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	44.2	54.3	55.7	56.1	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8
≥ 14000	45.1	55.4	56.9	57.3	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0
≥ 12000	45.9	56.8	58.3	58.8	59.2	59.3	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5
≥ 10000	48.4	60.2	61.8	62.4	62.8	62.9	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9000	49.1	61.3	63.0	63.6	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3
≥ 8000	51.0	64.3	66.1	66.8	67.3	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8
≥ 7000	51.5	65.8	67.3	68.1	68.7	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2
≥ 6000	52.2	67.5	69.4	70.3	71.0	71.3	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.7
≥ 5000	53.7	69.9	71.8	72.8	73.6	73.9	74.0	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.3
≥ 4500	54.9	71.5	73.4	74.4	75.3	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9
≥ 4000	57.1	74.3	76.5	77.8	78.7	79.1	79.3	79.3	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.7
≥ 3500	57.5	75.6	77.9	79.2	80.3	80.7	80.9	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.2	81.2
≥ 3000	58.4	77.4	79.9	81.5	82.6	83.0	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5
≥ 2500	58.9	78.9	81.5	83.1	84.4	84.8	85.0	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3
≥ 2000	59.2	79.6	82.4	84.1	85.4	85.8	86.0	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.4
≥ 1800	59.2	79.8	82.6	84.3	85.7	86.1	86.3	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.7
≥ 1500	59.2	80.3	83.3	85.3	86.7	87.2	87.5	87.5	87.6	87.8	87.9	87.9	87.9	87.9	87.9	88.0
≥ 1200	59.3	80.6	83.6	85.7	87.3	87.8	88.3	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.9
≥ 1000	59.5	81.2	84.5	86.6	88.3	89.0	89.5	89.7	89.7	90.0	90.1	90.1	90.2	90.2	90.2	90.3
≥ 900	59.5	81.2	84.6	86.7	88.5	89.2	89.8	90.0	90.1	90.3	90.5	90.5	90.5	90.5	90.6	90.6
≥ 800	59.5	81.3	84.8	87.1	89.3	90.4	91.2	91.4	91.5	91.8	92.0	92.0	92.0	92.0	92.1	92.1
≥ 700	59.5	81.3	84.9	87.3	89.9	91.2	92.2	92.6	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.5
≥ 600	59.5	81.4	85.1	87.5	90.5	92.0	93.2	94.1	94.2	94.7	94.9	94.9	95.0	95.0	95.0	95.1
≥ 500	59.5	81.5	85.2	87.7	91.2	92.9	94.3	95.5	95.7	96.5	96.9	96.9	97.0	97.1	97.1	97.2
≥ 400	59.5	81.5	85.2	87.7	91.2	92.9	94.4	95.8	96.1	97.1	97.6	97.8	98.1	98.1	98.2	98.3
≥ 300	59.5	81.5	85.2	87.7	91.2	93.1	94.7	96.2	96.6	97.8	98.5	98.8	98.8	99.1	99.2	99.3
≥ 200	59.5	81.5	85.2	87.7	91.2	93.1	94.7	96.2	96.6	97.9	98.7	98.8	99.2	99.4	99.6	99.7
≥ 100	59.5	81.5	85.2	87.7	91.2	93.1	94.7	96.2	96.6	97.9	98.8	98.8	99.2	99.5	99.7	99.9
≥ 0	59.5	81.5	85.2	87.7	91.2	93.1	94.7	96.2	96.6	97.9	98.8	98.9	99.2	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2978

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-76 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	40.5	52.7	55.0	55.6	56.2	56.2	56.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	42.9	56.5	60.1	60.7	61.5	61.8	62.1	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	43.5	57.7	61.2	61.8	62.7	63.0	63.3	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	43.5	57.7	61.2	61.8	62.7	63.0	63.3	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	43.8	58.0	61.5	62.7	63.6	63.9	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	44.7	59.8	63.9	65.1	66.0	66.3	66.6	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	46.7	64.5	68.6	69.8	70.7	71.0	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	47.9	66.0	70.1	71.3	72.2	72.5	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 8000	48.8	67.2	72.3	73.7	74.6	74.9	75.1	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	48.8	67.8	74.3	75.4	76.3	76.6	76.9	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	49.4	71.0	75.4	76.9	78.1	78.4	78.7	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	50.6	74.0	78.4	79.9	81.4	81.7	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	50.9	74.9	79.3	80.8	82.2	82.5	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	52.7	77.8	82.2	84.0	85.5	85.8	86.1	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	53.3	79.3	83.7	85.5	87.0	87.3	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	54.4	81.4	85.8	87.6	89.3	89.6	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	55.3	82.1	87.6	89.6	91.4	91.7	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	55.6	84.0	88.5	90.8	92.6	92.9	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	55.6	84.0	88.5	90.8	92.6	92.9	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	55.6	84.3	88.8	91.1	92.9	93.8	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	55.6	84.6	89.1	91.4	93.5	94.1	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	55.6	84.9	89.3	91.7	93.8	94.4	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	55.6	84.9	89.3	92.0	94.1	94.7	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	55.6	84.9	89.3	92.0	94.4	95.0	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	55.6	84.9	89.3	92.0	94.7	95.3	95.9	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	55.6	85.2	89.6	92.3	95.0	95.9	97.3	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	55.6	85.2	89.6	92.3	95.3	96.2	97.6	97.9	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	55.6	85.2	89.6	92.3	95.3	96.4	97.9	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	55.6	85.2	89.6	92.3	95.3	96.4	97.9	98.5	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 200	55.6	85.2	89.6	92.3	95.3	96.4	97.9	98.5	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 100	55.6	85.2	89.6	92.3	95.3	96.4	97.9	98.5	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0
≥ 0	55.6	85.2	89.6	92.3	95.3	96.4	97.9	98.5	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 338

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-73 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	≥½	≥¼	≥5/16	≥0	
NO CEILING	44.0	54.1	55.7	56.2	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	47.3	59.6	61.5	62.0	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	47.5	60.2	62.2	62.8	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	47.5	60.2	62.2	62.8	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	48.0	61.0	63.0	63.4	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	48.6	63.1	65.2	65.9	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	49.4	65.8	67.6	68.3	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	50.1	66.2	68.3	68.9	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	50.9	67.6	70.0	70.7	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	51.5	70.0	72.6	73.3	74.1	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	53.0	72.0	74.7	75.4	76.2	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	54.3	74.6	77.6	78.3	79.4	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	54.9	75.8	78.9	79.5	80.7	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	57.2	79.7	82.8	83.4	84.5	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	58.0	80.8	83.9	84.5	85.7	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	58.9	82.3	85.7	86.3	87.6	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	60.2	83.9	87.3	87.9	89.2	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	60.2	84.1	87.4	88.2	89.7	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	60.2	84.4	87.8	88.6	90.2	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	60.2	85.2	88.7	89.7	91.6	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	60.4	85.8	89.7	90.7	92.6	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	60.4	86.0	90.2	91.1	93.7	94.5	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	60.4	86.2	90.5	91.5	94.0	94.8	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	60.4	86.2	90.5	91.5	94.0	94.9	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	60.4	86.2	90.5	91.5	94.2	95.0	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	60.4	86.3	90.7	91.6	94.7	96.0	97.1	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	60.4	86.3	90.8	91.8	95.0	96.6	97.9	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	60.4	86.3	90.8	91.8	95.0	96.6	98.1	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	60.4	86.3	90.8	91.8	95.2	96.9	98.4	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	60.4	86.3	90.8	91.8	95.2	96.9	98.4	98.7	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7
≥ 100	60.4	86.3	90.8	91.8	95.2	96.9	98.4	98.7	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7
≥ 0	60.4	86.3	90.8	91.8	95.2	96.9	98.4	98.7	99.0	99.4	99.5	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 621

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥7/16	≥5/16	≥¼	0
NO CEILING	44.8	54.4	54.5	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	50.6	61.8	62.1	62.3	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	50.6	61.8	62.1	62.3	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	50.6	62.0	62.3	62.5	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	50.8	62.1	62.5	62.6	62.9	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	51.9	63.8	64.1	64.2	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	53.2	66.0	66.3	66.5	66.8	66.8	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	53.4	66.2	66.5	66.7	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000	54.0	67.1	68.4	68.6	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 7000	54.7	69.3	69.6	70.1	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	55.7	71.4	71.4	71.8	72.5	72.5	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 5000	57.8	74.3	74.8	75.4	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4500	59.5	76.4	77.0	77.7	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	63.8	81.6	82.2	83.0	83.7	83.7	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	65.0	83.5	84.1	85.0	85.6	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	66.7	85.8	86.6	87.5	89.0	89.2	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	67.2	86.7	87.7	89.0	90.6	90.8	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	67.2	86.9	88.0	89.3	90.9	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	67.2	86.9	88.0	89.3	90.9	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	67.3	87.9	89.3	90.6	92.9	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	67.5	88.5	90.1	91.6	94.2	94.7	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	67.8	89.0	90.9	92.4	95.5	96.1	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	67.8	89.2	91.1	92.6	95.6	96.3	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	67.9	89.2	91.1	92.6	95.6	96.3	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	67.8	89.2	91.1	92.6	95.6	96.3	96.8	96.9	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	67.9	89.2	91.1	92.6	95.8	96.8	97.4	97.6	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	67.8	89.2	91.1	92.6	95.8	96.9	97.9	98.2	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	67.8	89.2	91.1	92.6	95.8	97.2	98.2	98.5	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	67.8	89.2	91.1	92.6	95.8	97.4	98.4	98.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.8	89.2	91.1	92.6	95.8	97.4	98.4	98.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.8	89.2	91.1	92.6	95.8	97.4	98.4	98.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.8	89.2	91.1	92.6	95.8	97.4	98.4	98.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 618

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	49.1	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	56.1	62.3	63.3	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	56.3	62.5	63.6	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	56.3	62.8	64.0	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	56.6	64.2	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000	57.7	65.4	65.6	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	58.6	67.7	67.8	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
≥ 9000	58.6	67.8	68.0	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	60.5	70.3	70.5	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	61.5	72.4	72.6	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	62.6	73.4	73.6	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 5000	66.3	77.8	78.0	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	68.4	80.4	80.6	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	72.4	85.3	85.7	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	73.1	86.5	86.9	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	74.1	88.1	88.6	89.2	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	74.7	89.2	89.7	90.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	74.8	89.5	90.2	90.7	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	75.7	90.4	91.1	91.6	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	75.9	91.1	91.8	92.3	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	75.9	91.6	92.8	93.5	95.1	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	75.9	91.6	93.4	94.1	96.3	96.5	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	75.9	91.6	93.4	94.1	96.3	96.5	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	75.9	91.6	93.5	94.2	96.5	97.4	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	75.9	91.8	93.7	94.6	96.9	97.9	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	75.9	91.8	93.7	94.6	96.9	97.9	98.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	75.9	91.8	93.7	94.6	96.9	97.9	98.1	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	75.9	91.8	93.7	94.6	96.9	97.9	98.1	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	75.9	91.8	93.7	94.6	96.9	97.9	98.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	75.9	91.8	93.7	94.6	96.9	97.9	98.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.9	91.8	93.7	94.6	96.9	97.9	98.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.9	91.8	93.7	94.6	96.9	97.9	98.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 572

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	52.3	56.9	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	60.0	65.1	65.9	65.9	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	60.0	65.1	65.9	65.9	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	60.0	65.1	65.9	65.9	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 14000	60.7	65.7	66.6	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 12000	62.4	67.9	69.2	69.2	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	66.4	73.0	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	66.6	73.6	74.9	74.9	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	68.6	75.6	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	70.1	78.0	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	71.6	79.6	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	75.4	83.7	85.7	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
≥ 4500	76.3	84.6	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	77.6	86.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	77.8	87.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	77.8	87.9	89.9	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	78.7	89.7	91.9	92.1	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	78.9	91.0	93.2	93.4	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	78.9	91.0	93.2	93.4	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	79.1	92.1	94.3	94.5	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	79.1	92.7	94.9	95.2	95.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	79.1	93.0	95.2	95.4	96.5	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	79.1	93.0	95.2	95.4	96.5	96.9	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	79.1	93.0	95.2	95.4	96.5	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	79.1	93.0	95.2	95.4	96.5	97.4	97.6	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	79.1	93.0	95.2	95.4	96.5	97.4	97.6	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	79.1	93.0	95.4	95.6	96.9	97.8	98.0	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	79.1	93.0	95.4	95.6	96.9	97.8	98.0	98.9	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	79.1	93.0	95.4	95.6	96.9	97.8	98.0	98.9	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	79.1	93.0	95.4	95.6	96.9	97.8	98.0	98.9	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	79.1	93.0	95.4	95.6	96.9	97.8	98.0	98.9	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	79.1	93.0	95.4	95.6	96.9	97.8	98.0	98.9	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 455

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-76 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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000	63.4	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	68.1	68.0
≥ 18000	63.4	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	68.0
≥ 16000	63.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	64.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	66.8	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000	71.1	74.3	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
≥ 9000	71.4	74.6	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
≥ 8000	72.3	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
≥ 7000	74.8	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000	75.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	78.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4500	79.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	80.3	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	80.3	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	88.3	88.3
≥ 3000	81.2	89.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	83.1	91.7	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
≥ 2000	83.1	92.6	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
≥ 1800	83.1	92.6	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
≥ 1500	83.1	93.5	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
≥ 1200	83.1	93.5	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	83.1	93.8	96.0	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	83.1	93.8	96.0	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	83.1	94.2	96.6	97.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	83.1	94.2	96.6	97.5	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	83.1	94.2	96.6	97.5	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	83.1	94.2	96.6	97.5	98.2	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	83.1	94.2	96.6	97.5	98.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	83.1	94.2	96.6	97.5	98.2	98.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.1	94.2	96.6	97.5	98.2	98.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.1	94.2	96.6	97.5	98.2	98.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.1	94.2	96.6	97.5	98.2	98.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 325

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.8	55.9	56.7	57.0	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	53.0	62.2	63.2	63.5	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	53.1	62.5	63.5	63.8	64.1	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 16000	53.1	62.6	63.7	64.0	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	53.5	63.1	64.1	64.5	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	54.0	65.0	66.2	66.5	66.9	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	56.8	68.3	69.6	69.9	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 9000	57.1	68.8	70.1	70.4	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	58.3	70.7	72.0	72.4	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	59.3	72.7	74.1	74.6	75.1	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	60.4	74.2	75.7	76.2	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	62.9	77.7	79.3	79.8	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	64.1	79.4	81.0	81.5	82.2	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	66.0	83.0	84.7	85.3	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	67.4	84.1	85.8	86.4	87.1	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	68.4	85.7	87.6	88.3	89.3	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	69.4	87.2	89.2	90.0	91.1	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	69.5	87.7	89.9	90.7	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	69.6	88.0	90.1	91.0	92.1	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	69.7	88.8	91.1	91.9	93.3	93.6	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	69.8	89.3	91.8	92.8	94.3	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	69.9	89.6	92.3	93.3	95.4	95.9	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	69.9	89.6	92.4	93.4	95.6	96.0	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	69.9	89.7	92.5	93.5	95.7	96.3	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	69.9	89.7	92.5	93.7	95.9	96.6	97.1	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	69.9	89.8	92.6	93.7	96.0	97.0	97.6	97.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	69.9	89.8	92.7	93.8	96.2	97.2	98.0	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	69.9	89.8	92.7	93.8	96.2	97.3	98.1	98.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	69.9	89.8	92.7	93.8	96.2	97.4	98.2	99.0	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	69.9	89.8	92.7	93.8	96.2	97.4	98.2	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	69.9	89.8	92.7	93.8	96.2	97.4	98.2	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	69.9	89.8	92.7	93.8	96.2	97.4	98.2	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	21.3	36.5	41.0	42.8	44.7	44.7	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 20000	23.8	42.0	47.1	49.0	50.8	50.8	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000	23.8	42.2	47.3	49.4	51.2	51.2	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 16000	23.8	42.2	47.3	49.4	51.2	51.2	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14000	23.8	42.2	47.3	49.4	51.2	51.2	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000	24.4	43.6	49.0	51.0	52.9	52.9	53.7	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	25.6	47.3	52.9	55.5	57.6	57.6	58.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	26.2	48.2	53.7	56.4	58.6	58.6	59.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	26.2	50.0	55.9	58.6	61.3	61.5	62.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	27.0	52.0	58.0	60.7	63.3	63.5	64.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	27.3	52.7	58.6	61.3	63.9	64.1	65.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	28.1	54.3	60.2	62.9	65.6	65.8	66.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4500	28.9	55.7	61.7	64.5	67.2	67.4	68.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	29.3	56.8	62.9	66.0	68.6	68.9	69.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	30.3	58.0	64.1	67.4	70.5	71.1	72.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	30.7	59.2	65.6	69.1	72.1	73.0	74.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	30.7	59.4	66.0	70.1	73.2	74.2	75.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2000	30.9	59.6	66.2	70.3	73.6	75.0	76.0	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1800	30.9	59.8	66.8	71.3	74.6	76.0	77.0	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1500	31.1	60.2	67.2	71.7	75.4	77.3	78.3	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1200	31.1	60.5	67.6	72.3	76.4	78.5	79.5	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1000	31.4	60.9	68.4	73.2	77.7	80.5	82.4	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 900	31.4	61.1	68.9	74.0	78.5	81.4	83.2	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 800	31.4	61.3	69.9	75.8	80.9	84.2	86.3	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 700	31.4	61.5	70.1	76.6	82.2	85.5	87.7	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 600	31.6	62.1	70.7	77.9	84.0	87.7	90.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 500	31.6	62.3	71.3	78.7	85.0	89.3	91.8	94.9	94.9	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	31.6	62.3	71.3	78.7	85.2	89.5	92.2	96.9	96.9	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	31.6	62.3	71.3	78.7	85.2	89.5	92.4	97.1	97.1	98.0	99.0	99.0	99.4	99.4	99.6	99.6
≥ 200	31.6	62.3	71.3	78.7	85.2	89.5	92.4	97.1	97.1	98.0	99.0	99.0	99.4	99.4	99.6	99.8
≥ 100	31.6	62.3	71.3	78.7	85.2	89.5	92.4	97.1	97.1	98.0	99.0	99.0	99.4	99.4	99.6	99.8
≥ 0	31.6	62.3	71.3	78.7	85.2	89.5	92.4	97.1	97.1	98.0	99.0	99.0	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 488

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

937[illegible] STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-74 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.6	40.2	43.1	45.0	45.0	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 20000	29.0	44.4	47.7	49.8	50.6	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	29.0	44.4	47.7	49.8	50.6	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 16000	29.0	44.4	47.7	49.8	50.6	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 14000	29.0	44.6	47.9	49.9	50.7	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 12000	30.4	47.2	50.6	52.6	53.4	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	31.5	50.6	54.2	56.2	57.2	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 9000	31.7	51.2	54.8	56.9	57.8	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	32.6	53.5	57.2	59.7	60.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	33.2	55.5	59.2	61.7	62.8	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	34.2	56.7	60.3	62.8	63.9	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 5000	34.6	58.3	62.5	65.0	66.1	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	35.9	60.2	64.4	66.9	68.0	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	38.1	62.7	67.4	69.9	71.5	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	38.1	62.8	67.6	70.2	71.8	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3000	38.7	64.1	69.0	72.0	74.2	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2500	39.2	65.0	69.9	72.9	75.1	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	39.7	65.8	71.0	74.0	76.4	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1800	39.8	66.5	71.7	74.8	77.5	79.2	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1500	39.8	67.5	73.1	76.5	79.5	81.7	82.2	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1200	39.8	67.9	74.5	78.6	81.9	84.1	84.9	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	40.0	68.8	75.4	79.8	83.5	85.7	86.8	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 900	40.0	69.4	77.0	81.7	85.5	87.7	88.8	89.3	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 800	40.0	70.1	78.3	83.3	87.2	89.9	91.2	91.7	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	40.0	70.1	78.3	83.5	87.6	90.2	91.5	92.0	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600	40.0	70.4	78.7	84.4	88.7	91.5	93.4	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	40.0	70.7	79.1	85.0	89.4	93.4	95.3	96.2	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	40.0	70.7	79.1	85.0	89.6	94.0	96.2	97.3	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	40.0	70.7	79.1	85.0	89.8	94.2	96.4	97.6	97.8	99.2	99.5	99.5	99.7	100.0	100.0	100.0
≥ 200	40.0	70.7	79.1	85.0	89.8	94.2	96.4	97.6	97.8	99.2	99.5	99.5	99.7	100.0	100.0	100.0
≥ 100	40.0	70.7	79.1	85.0	89.8	94.2	96.4	97.6	97.8	99.2	99.5	99.5	99.7	100.0	100.0	100.0
0	40.0	70.7	79.1	85.0	89.8	94.2	96.4	97.6	97.8	99.2	99.5	99.5	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ... 635

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-73 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.9	42.7	45.0	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	31.6	46.5	46.9	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000	31.8	46.6	49.0	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 16000	31.8	46.6	49.0	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 14000	31.8	47.3	49.7	50.8	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	32.6	48.4	51.0	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 10000	34.7	52.2	54.8	56.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 9000	35.1	53.0	55.0	57.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 8000	36.7	55.9	59.1	60.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 7000	37.4	57.7	60.9	62.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 6000	37.7	58.3	61.7	63.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 5000	39.3	61.3	65.0	66.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	40.9	63.7	67.6	69.5	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4000	43.8	68.5	72.5	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3500	44.2	69.8	74.1	76.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	45.4	72.8	77.6	80.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	45.5	73.2	78.4	81.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	45.8	74.6	80.4	83.1	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	46.0	74.9	81.0	83.7	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	46.2	75.7	81.9	84.8	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	46.6	76.5	83.7	86.6	89.3	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1000	46.6	77.6	85.0	88.2	91.2	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	46.6	77.6	85.0	88.5	91.5	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 800	46.6	77.6	85.0	88.5	92.5	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	46.6	77.9	85.3	89.0	93.3	94.1	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	46.6	78.3	85.8	89.5	93.8	94.6	95.5	95.8	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	46.6	78.6	86.1	90.3	94.9	95.8	97.0	97.9	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	46.6	78.6	86.1	90.3	94.9	96.0	97.4	98.9	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7
≥ 300	46.6	78.6	86.1	90.3	94.9	96.0	97.4	98.9	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	46.6	78.6	86.1	90.3	94.9	96.0	97.4	98.9	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	46.6	78.6	86.1	90.3	94.9	96.0	97.4	98.9	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8
0	46.6	78.6	86.1	90.4	95.0	96.2	97.6	99.0	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 626

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-74 (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	32.5	42.3	44.0	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	35.6	47.9	49.7	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000	35.6	48.1	49.9	51.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 16000	35.6	48.1	49.9	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	36.2	49.0	51.2	53.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	37.7	50.6	52.9	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	38.8	52.3	54.5	56.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000	39.5	53.2	55.5	57.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 8000	41.4	56.4	59.0	61.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	42.7	59.0	62.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	43.4	60.9	64.2	66.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 5000	45.1	64.6	68.1	70.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4500	46.0	66.2	69.8	71.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	48.6	71.1	74.8	76.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500	49.4	72.2	76.0	78.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	50.6	74.6	79.4	81.4	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	50.8	75.9	80.9	83.5	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	50.8	76.8	82.4	85.5	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	51.2	77.2	82.9	86.3	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	51.6	78.1	84.2	87.8	89.6	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	51.9	79.2	85.9	89.4	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	52.1	79.4	86.3	90.0	92.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	52.1	79.4	86.3	90.1	92.8	92.8	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	52.1	79.4	86.5	90.4	93.3	93.3	94.2	94.4	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	52.1	79.6	86.6	90.5	94.4	94.6	95.7	95.9	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	52.1	79.8	86.8	90.7	94.6	95.0	96.1	96.3	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	52.1	80.1	87.2	91.5	95.5	95.9	97.2	97.8	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	52.1	80.3	87.4	91.7	95.7	96.3	98.0	98.5	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	52.1	80.3	87.4	91.7	95.7	96.3	98.0	98.5	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	52.1	80.3	87.4	91.7	95.7	96.3	98.0	98.5	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	52.1	80.3	87.4	91.7	95.7	96.3	98.0	98.5	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	52.1	80.3	87.4	91.7	95.7	96.3	98.0	98.5	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 539

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-74 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.5	48.6	48.6	49.4	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	44.9	51.5	54.2	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	45.1	52.0	54.6	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	45.1	52.0	54.6	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	45.1	52.2	54.9	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	47.1	54.9	57.5	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 10000	47.8	57.1	60.4	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	48.2	57.7	61.5	63.9	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 8000	49.1	59.5	63.3	65.7	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 7000	50.0	62.8	66.8	69.2	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	51.3	65.0	69.0	71.5	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	54.8	69.5	73.4	76.3	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	55.8	69.9	74.1	76.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	56.6	72.3	77.2	79.5	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	56.6	72.5	77.9	80.3	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	56.9	73.2	79.6	83.2	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	58.1	73.7	80.3	83.8	85.6	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	58.8	75.2	81.9	85.6	87.8	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	58.6	76.1	82.7	86.7	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	58.9	77.2	84.3	88.7	90.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	59.1	77.4	84.7	89.2	91.8	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	59.5	78.1	85.4	90.1	92.7	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	59.5	78.3	86.1	90.7	93.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	59.5	78.5	86.3	90.9	94.0	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	59.3	78.5	86.3	91.2	94.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	59.5	78.5	86.5	91.4	95.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	59.5	78.9	86.7	91.6	95.4	96.7	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	59.5	78.9	86.9	92.0	96.0	97.8	99.1	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.5	78.9	86.9	92.1	96.1	97.8	99.1	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.5	78.9	86.9	92.1	96.1	97.8	99.1	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.5	78.9	86.9	92.1	96.1	97.8	99.1	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	59.5	78.9	86.9	92.1	96.1	97.8	99.1	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 452

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-75 (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 > 20000	47.2	50.8	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.7
	48.1	52.9	55.1	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	56.0
≥ 18000 ≥ 16000	48.1	53.7	56.0	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.4
	48.1	53.7	56.0	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.4
≥ 14000 ≥ 12000	48.6	54.2	56.5	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.9
	50.5	56.5	58.8	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	60.2
≥ 10000 ≥ 9000	52.3	57.7	62.5	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.9
	53.2	61.6	64.4	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7
≥ 8000 ≥ 7000	55.1	63.9	66.7	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.1
	56.0	64.8	67.6	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	69.0
≥ 6000 ≥ 5000	56.0	64.8	67.6	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	69.0
	58.3	69.0	72.2	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.6
≥ 4500 ≥ 4000	58.3	69.9	73.1	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.5
	59.7	73.1	76.4	76.9	77.3	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.2
≥ 3500 ≥ 3000	62.0	75.5	78.7	79.2	79.6	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.6
	63.4	77.3	81.0	81.5	82.0	82.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	83.1
≥ 2500 ≥ 2000	63.9	78.2	81.9	82.5	83.0	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	84.0
	64.4	78.7	82.9	83.5	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.9
≥ 1800 ≥ 1500	64.4	78.7	82.9	83.5	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.9
	65.3	80.1	84.3	84.8	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.2
≥ 1200 ≥ 1000	65.7	81.5	87.5	91.7	93.1	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.4
	65.7	81.5	88.0	92.1	94.4	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.8
≥ 900 ≥ 800	65.7	81.9	88.4	93.1	95.4	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.8
	65.7	81.9	89.4	93.5	95.8	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.2
≥ 700 ≥ 600	65.7	82.4	89.8	94.0	96.3	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
	65.7	82.4	89.8	94.0	96.3	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
≥ 500 ≥ 400	65.7	82.4	89.8	94.1	96.3	96.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.1
	65.7	82.9	90.3	94.4	96.8	96.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.1
≥ 300 ≥ 200	65.7	82.9	90.3	94.4	96.8	96.8	98.1	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	100.0
	65.7	82.9	90.3	94.4	96.8	96.8	98.1	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	100.0
≥ 100 0	65.7	82.9	90.3	94.4	96.8	96.8	98.1	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	100.0
	65.7	82.9	90.3	94.4	96.8	96.8	98.1	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 216

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-76 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.1	42.1	44.6	46.3	47.1	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5
≥ 20000	33.7	46.8	49.8	51.4	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000	33.8	47.0	50.0	51.7	52.5	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0
≥ 16000	33.8	47.0	50.0	51.7	52.5	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0
≥ 14000	33.9	47.4	50.5	52.3	53.1	53.2	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 12000	35.2	49.4	52.5	54.3	55.1	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	36.5	52.4	55.7	57.7	58.6	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 9000	37.0	53.2	56.6	58.6	59.7	59.9	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 8000	38.2	55.6	59.3	61.4	62.7	62.9	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	39.0	57.3	61.0	63.1	64.5	65.3	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥ 6000	39.7	59.0	62.9	65.1	66.3	66.7	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 5000	41.1	62.0	66.1	68.3	69.6	69.9	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4500	42.0	63.5	67.7	69.9	71.2	71.5	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4000	43.9	66.7	71.2	73.4	74.9	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 3500	44.5	67.7	72.4	74.7	76.2	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 3000	45.3	69.4	74.7	77.6	79.4	80.2	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2500	45.5	70.1	75.5	78.7	80.8	81.5	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2000	45.8	71.0	76.6	80.1	82.4	83.2	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1800	46.1	71.5	77.4	80.9	83.3	84.1	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 1500	46.4	72.4	78.6	82.3	84.8	85.8	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	46.6	73.0	79.9	83.8	86.6	87.7	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 1000	46.8	73.6	80.7	84.8	88.0	89.3	90.2	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7
≥ 900	46.8	73.9	81.3	85.5	88.9	90.1	91.0	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6
≥ 800	46.8	74.1	81.8	86.4	90.1	91.5	92.6	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	46.8	74.2	82.0	86.7	90.8	92.4	93.5	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	46.8	74.5	82.4	87.3	91.6	93.3	94.6	95.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500	46.8	74.8	82.7	87.9	92.4	94.4	95.0	97.1	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	46.8	74.9	82.8	88.1	92.7	94.9	95.9	98.2	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2
≥ 300	46.8	74.9	82.8	88.1	92.7	94.9	97.0	98.3	98.4	99.2	99.6	99.7	99.8	99.8	99.9	99.9
≥ 200	46.8	74.9	82.8	88.1	92.7	94.9	97.0	98.3	98.4	99.2	99.6	99.7	99.8	99.8	99.9	99.9
≥ 100	46.8	74.9	82.8	88.1	92.7	94.9	97.0	98.3	98.4	99.2	99.6	99.7	99.8	99.8	99.9	99.9
0	46.8	74.9	82.8	88.1	92.7	95.0	97.0	98.3	98.4	99.3	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2956

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS L ST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	21.8	36.2	41.8	45.4	47.9	49.6	5 .6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	22.2	38.3	44.1	48.7	51.7	53.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	22.2	38.3	44.1	48.7	51.7	53.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	22.2	38.3	44.1	48.7	51.7	53.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 14000	22.4	39.7	44.6	49.2	52.1	54.0	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 12000	22.8	40.2	46.0	50.6	53.6	55.4	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	24.3	41.6	49.2	54.4	57.5	59.4	6 .7	60.7	60.7	60.9	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	24.5	41.8	49.4	55.2	58.6	60.5	61.7	61.7	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	25.3	44.1	51.9	57.9	61.5	63.6	64.9	64.9	64.9	65.1	65.5	65.5	65.5	65.5	65.5	65.5
≥ 7000	25.5	44.6	52.3	58.6	62.3	64.4	65.7	65.7	65.7	66.1	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	25.7	46.2	54.0	60.3	64.2	66.3	67.6	67.6	67.6	68.0	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	26.6	47.9	55.9	62.6	67.2	69.2	7 .5	70.5	70.5	71.1	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500	26.6	47.9	55.9	62.6	67.2	69.2	7 .5	70.5	70.5	71.1	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4000	27.0	49.2	57.1	63.8	68.6	70.7	7 .2	72.4	72.4	73.0	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500	27.2	49.8	57.7	64.9	69.9	72.2	73.8	74.1	74.1	74.7	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3000	27.8	50.4	58.4	65.9	71.3	74.3	75.9	76.2	76.2	76.8	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2500	28.5	51.0	59.0	67.2	72.6	75.5	77.2	77.4	77.4	78.0	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2000	29.3	51.9	60.9	68.8	74.3	77.2	78.9	79.1	79.1	79.7	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1800	29.3	51.9	60.9	68.8	74.3	77.2	7 .9	79.1	79.1	79.7	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500	29.3	52.7	61.7	69.9	75.7	78.9	81.2	81.4	81.4	82.0	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1200	29.5	53.8	63.2	71.8	77.6	81.0	83.3	83.9	83.9	84.5	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1000	29.7	54.8	64.2	73.4	80.5	84.3	86.8	87.9	87.9	88.5	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900	29.7	55.0	64.4	73.8	81.2	84.9	87.4	88.5	88.5	89.1	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	29.7	56.1	65.5	75.1	83.3	87.9	9 .4	91.4	91.4	92.1	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	29.7	56.3	65.7	75.5	83.7	88.7	91.8	92.9	92.9	93.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	29.7	56.7	66.3	76.4	84.9	90.4	93.7	95.2	95.2	95.8	96.9	96.9	97.1	97.1	97.1	97.1
≥ 500	29.9	56.9	66.5	76.6	85.4	90.8	94.1	95.8	95.8	97.1	98.3	98.3	98.5	98.5	98.5	98.5
≥ 400	29.9	56.9	66.5	76.6	85.6	91.0	94.4	96.0	96.0	97.5	98.7	98.7	99.0	99.0	99.0	99.0
≥ 300	29.9	56.9	66.5	76.6	85.6	91.0	94.4	96.0	96.0	97.5	99.2	99.2	99.4	99.4	99.4	99.6
≥ 200	29.9	56.9	66.5	76.6	85.6	91.0	94.4	96.0	96.0	97.5	99.2	99.2	99.4	99.4	99.4	100.0
≥ 100	29.9	56.9	66.5	76.6	85.6	91.0	94.4	96.0	96.0	97.5	99.2	99.2	99.4	99.4	99.4	100.0
≥ 0	29.9	56.9	66.5	76.6	85.6	91.0	94.4	96.0	96.0	97.5	99.2	99.2	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 473

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L ST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.5	41.0	46.5	50.0	52.2	52.9	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	26.1	44.7	50.3	54.5	57.4	58.0	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	26.1	44.7	50.3	54.6	57.5	58.2	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	26.1	44.7	50.3	54.6	57.5	58.2	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	26.3	44.9	50.5	54.8	57.7	58.3	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	26.4	46.5	52.1	56.4	59.3	59.9	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	26.6	48.4	54.3	59.0	62.2	63.1	63.6	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 9000	26.9	49.5	56.3	60.9	64.1	65.1	65.5	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	27.7	52.2	59.0	63.6	67.1	68.3	68.8	68.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	27.7	52.7	59.5	64.3	67.8	68.9	69.4	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	27.9	53.0	59.9	64.7	68.3	69.4	69.9	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	29.0	54.5	61.5	66.7	70.5	72.0	72.4	72.6	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	29.8	55.3	62.3	67.5	71.3	72.8	73.2	73.4	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	29.8	56.3	63.3	68.4	72.3	73.9	74.5	74.7	75.0	75.3	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	30.1	56.7	63.8	69.1	73.1	74.7	75.5	75.8	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3000	30.3	57.2	64.6	69.9	74.0	75.6	76.4	76.8	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	31.1	59.0	66.3	71.6	76.0	77.6	78.4	78.8	79.2	79.5	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	31.4	60.4	67.9	73.4	77.7	79.3	80.1	80.6	80.9	81.3	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1800	31.4	60.9	68.8	74.2	78.5	80.3	81.1	81.6	81.9	82.2	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1500	31.4	61.9	69.9	76.1	80.9	82.9	83.7	84.1	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200	31.7	63.9	72.4	79.3	85.1	87.0	87.8	88.5	88.8	89.3	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	31.7	64.6	73.7	81.3	87.7	89.6	90.4	91.2	91.5	92.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	31.7	64.6	74.0	81.5	88.3	90.5	91.5	92.3	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	32.1	65.1	74.7	82.2	89.4	92.3	93.6	94.4	94.7	95.2	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	32.1	65.5	75.2	82.9	90.9	94.1	95.4	96.2	96.5	97.0	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	32.1	65.7	75.3	83.2	91.3	94.7	96.2	97.4	97.8	98.4	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	32.1	65.9	75.5	83.3	91.7	95.0	96.6	98.2	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	32.1	65.9	75.5	83.3	91.7	95.0	96.6	98.2	98.6	99.2	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	32.1	65.9	75.5	83.3	91.7	95.0	96.6	98.2	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	32.1	65.9	75.5	83.3	91.7	95.0	96.6	98.2	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	32.1	65.9	75.5	83.3	91.7	95.0	96.6	98.2	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0
0	32.1	65.9	75.5	83.3	91.7	95.0	96.6	98.2	98.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 624

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-75 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.2	41.9	46.0	49.5	52.4	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	31.2	45.9	51.5	55.3	58.3	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	31.2	46.9	51.5	55.3	58.3	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 16000	31.4	47.1	51.6	55.5	58.4	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	31.9	47.6	52.1	56.1	59.1	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 12000	31.9	48.4	53.1	57.1	60.0	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	34.5	53.2	58.7	64.9	67.8	68.1	68.6	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	35.0	54.0	59.9	66.0	68.9	69.3	69.7	69.7	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	35.9	55.7	61.7	68.0	71.0	71.4	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	36.7	56.6	62.8	69.1	72.2	72.5	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	36.7	57.3	63.4	69.9	73.1	73.5	73.9	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	38.2	59.9	66.4	72.8	76.1	76.7	77.2	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4500	38.8	60.7	66.8	73.6	76.9	77.5	78.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	39.8	62.0	68.6	75.4	79.0	79.6	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500	40.9	63.9	70.6	77.3	81.2	81.9	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	41.6	66.3	73.1	80.1	84.0	84.6	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	41.9	67.8	74.9	81.9	86.1	86.7	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	42.1	68.9	76.2	84.3	88.6	89.6	90.1	90.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	42.1	69.7	77.2	85.6	90.1	90.9	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	42.2	70.4	77.8	86.5	91.7	92.6	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	42.2	71.4	79.1	88.3	93.5	94.3	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	42.2	71.8	79.4	88.8	94.3	95.3	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	42.2	71.8	79.8	89.2	94.8	95.8	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	42.2	71.8	79.9	89.6	95.3	96.3	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	42.4	72.5	80.6	90.3	96.6	97.6	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	42.4	72.5	80.6	90.5	96.9	97.9	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	42.4	72.7	80.9	90.8	97.4	98.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	42.4	72.7	80.9	90.8	97.4	98.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	42.4	72.7	80.9	90.8	97.4	98.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	42.4	72.7	80.9	90.8	97.4	98.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	42.4	72.7	80.9	90.8	97.4	98.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	42.4	72.7	80.9	90.8	97.4	98.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 618

USAF ETAC FORM 0-14-5 (OL A) 1 JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 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	34.5	46.5	49.0	52.7	54.6	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	37.0	53.1	56.4	60.9	63.0	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000	37.0	53.5	56.8	61.2	63.4	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	37.0	53.5	56.8	61.2	63.4	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	38.0	54.9	58.1	62.6	64.7	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	38.6	55.2	59.1	63.6	65.7	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	39.5	59.1	63.0	67.8	70.2	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	39.5	59.1	63.6	68.6	70.9	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 8000	40.9	61.2	66.9	72.5	74.8	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	42.4	63.2	69.2	74.8	77.2	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	43.4	64.3	70.5	76.2	78.7	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	45.0	66.9	73.3	79.1	82.0	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	46.1	68.2	74.6	80.4	83.3	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	47.3	70.2	77.1	83.1	86.0	86.3	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	48.6	71.9	79.3	85.5	88.4	89.1	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	48.6	72.5	80.2	86.6	89.7	90.5	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	49.0	73.3	81.2	87.8	90.9	91.7	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	49.8	74.2	82.9	89.7	93.6	94.6	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	49.8	74.4	83.1	89.9	93.8	94.8	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	49.8	74.6	83.3	90.3	94.2	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	49.8	75.6	84.7	91.7	96.1	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	49.8	75.9	84.9	91.9	96.3	97.5	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	49.8	75.8	85.1	92.1	97.1	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	50.0	76.0	85.5	92.4	97.5	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	50.0	76.0	85.5	92.4	97.5	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	50.0	76.0	85.5	92.4	97.5	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	50.0	76.0	85.5	92.4	97.5	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	50.0	76.0	85.5	92.4	97.5	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	50.0	76.0	85.5	92.4	97.5	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	50.0	76.0	85.5	92.4	97.5	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	50.0	76.0	85.5	92.4	97.5	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	50.0	76.0	85.5	92.4	97.5	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 316

USAF ETAC FORM 0-14-5 (1 L A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (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	37.2	44.7	46.3	51.3	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	42.5	54.5	57.0	61.1	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	42.5	54.7	57.2	61.4	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 16000	42.5	54.7	57.2	61.4	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 14000	42.5	55.6	58.2	62.3	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	43.4	57.2	60.0	64.1	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	44.4	59.8	63.2	67.6	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000	44.8	60.2	63.9	68.3	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 8000	46.0	62.5	66.9	71.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	47.6	64.6	69.4	74.0	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	47.8	65.5	70.8	75.4	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	49.9	68.7	75.6	80.5	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	49.9	69.2	76.3	81.1	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	50.6	70.3	78.4	83.4	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	51.7	72.6	81.4	86.4	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	51.7	73.6	83.0	88.5	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	52.0	73.9	83.7	89.2	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	52.2	74.7	84.8	90.5	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	52.2	74.7	84.8	90.6	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	52.2	75.2	85.3	91.3	96.1	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	52.2	75.4	85.5	91.5	96.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	52.2	75.4	85.5	91.7	97.0	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	52.2	75.4	85.5	91.7	97.0	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	52.2	75.4	85.5	91.7	97.0	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	52.2	75.4	85.5	91.7	97.0	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	52.2	76.1	86.4	92.5	97.9	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	52.2	76.1	86.4	92.6	97.9	98.6	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	52.2	76.1	86.4	92.6	97.9	98.6	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	52.2	76.1	86.4	92.6	97.9	98.6	99.1	99.1	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	52.2	76.1	86.4	92.6	97.9	98.6	99.1	99.1	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	52.2	76.1	86.4	92.6	97.9	98.6	99.1	99.1	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0
0	52.2	76.1	86.4	92.6	97.9	98.6	99.1	99.1	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 435

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-78 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	48.4	54.9	58.7	61.0	62.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 20000	50.2	60.6	62.4	64.8	66.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	50.7	61.0	62.9	65.3	66.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000	50.7	61.0	62.9	65.3	66.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	51.2	62.4	64.3	66.7	68.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	53.5	64.8	66.7	69.0	70.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	54.5	67.6	70.9	73.7	75.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	54.9	68.1	71.4	74.2	75.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000	56.3	69.5	72.8	75.5	77.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 7000	58.2	72.3	76.1	78.9	80.3	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	58.2	73.2	78.4	81.2	82.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	59.2	74.2	79.3	82.6	84.5	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	59.6	75.1	80.3	83.6	85.4	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	61.4	78.4	84.0	87.3	89.7	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	62.9	79.8	85.9	89.2	91.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	63.4	81.2	87.8	91.1	93.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	63.8	81.7	88.7	92.0	94.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	63.8	81.7	88.7	92.0	94.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	63.8	81.7	88.7	92.0	94.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	63.8	82.6	90.1	93.4	96.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	63.8	83.1	90.6	93.9	96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	63.8	83.1	91.1	96.4	97.2	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	63.8	83.1	91.1	94.4	97.2	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	63.8	83.1	91.1	94.4	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	63.8	83.1	91.1	94.4	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	63.8	83.6	91.5	94.8	98.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	63.8	83.6	91.5	94.8	98.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	63.8	83.6	91.5	94.8	98.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.8	83.6	91.5	94.8	98.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.8	83.6	91.5	94.8	98.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.8	83.6	91.5	94.8	98.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	63.8	83.6	91.5	94.8	98.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 213

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-76 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.3	43.4	47.2	50.6	52.9	53.7	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	32.9	48.3	52.5	55.6	59.2	60.0	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	32.9	48.4	52.7	56.8	59.4	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	33.0	48.4	52.7	56.8	59.4	60.2	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	33.3	49.1	53.4	57.6	60.1	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 12000	33.7	50.4	54.8	59.0	61.5	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	35.0	52.4	56.5	63.5	66.2	67.1	67.6	67.6	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	35.2	53.9	59.6	64.5	67.3	68.2	68.7	68.7	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	36.3	54.1	62.0	67.2	70.2	71.2	71.6	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	37.2	57.3	63.5	68.8	71.8	72.8	73.3	73.3	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	37.4	58.2	64.6	70.0	73.1	74.0	74.5	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	38.8	60.4	67.1	72.8	76.2	77.3	77.8	77.8	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	39.4	61.1	67.9	73.5	77.0	78.1	78.6	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	40.3	62.6	69.7	75.5	79.1	80.2	80.8	80.8	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	41.0	63.9	71.3	77.2	80.9	82.1	82.7	82.8	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	41.3	65.0	72.7	78.8	82.7	83.9	84.6	84.7	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	41.7	66.2	74.0	80.1	84.3	85.6	86.2	86.4	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	42.2	67.0	75.3	81.9	86.3	87.6	88.3	88.4	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	42.2	67.3	75.7	82.4	86.8	88.1	88.8	88.9	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	42.2	68.0	76.5	83.4	88.2	89.6	90.4	90.5	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	42.3	69.1	77.8	85.1	90.2	91.7	92.5	92.7	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	42.3	69.5	78.4	86.0	91.6	93.2	94.0	94.4	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	42.3	69.4	78.6	86.3	92.1	93.8	94.6	95.0	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	42.4	69.9	79.1	86.9	92.4	94.8	95.8	96.1	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	42.5	70.1	79.3	87.1	93.5	95.6	96.7	97.1	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	42.5	70.4	79.6	87.6	94.1	96.3	97.6	98.1	98.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	42.5	70.5	79.8	87.7	94.3	96.6	97.0	98.6	98.8	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	42.5	70.5	79.8	87.7	94.3	96.6	97.0	98.6	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	42.5	70.5	79.8	87.7	94.3	96.6	97.0	98.6	98.8	99.3	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	42.5	70.5	79.8	87.7	94.3	96.6	97.0	98.6	98.8	99.3	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	42.5	70.5	79.8	87.7	94.3	96.6	97.0	98.6	98.8	99.3	99.8	99.8	99.9	99.9	99.9	100.0
0	42.5	70.5	79.8	87.7	94.3	96.6	97.0	98.6	98.8	99.3	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2964

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-76 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.5	38.7	41.5	46.8	51.7	54.0	55.2	56.3	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	19.1	38.0	44.4	50.7	56.9	59.5	6..8	61.8	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	19.5	38.4	45.0	51.5	57.7	60.4	61.6	62.6	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	19.5	38.4	45.0	51.5	57.7	60.4	61.6	62.6	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	19.5	38.4	45.0	51.7	57.9	60.8	62.0	63.0	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	19.5	39.0	45.6	52.4	58.7	61.6	62.8	63.9	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	20.3	43.3	50.1	57.5	64.3	67.6	69.2	70.4	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000	20.3	43.7	50.9	58.3	65.1	68.4	7..4	71.7	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	20.7	45.4	53.0	61.2	68..	71.5	73.5	74.9	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	21.4	46.4	54.2	62.6	69.6	73.3	75.4	76.8	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	21.6	47.2	55.2	64.3	71.7	75.2	77.4	78.9	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000	22.4	49.1	57.5	67.6	75.2	78.6	8..9	82.3	82.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	22.4	49.3	57.7	67.8	75.4	79.1	81.3	82.8	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	22.4	49.9	58.3	68.4	76.2	80.1	82.3	83.8	84.2	85.0	85.0	85.0	85.0	85.0	85.2	85.2
≥ 3500	22.4	50.5	58.9	69.0	76.8	80.7	83.4	84.8	85.2	86.0	86.0	86.0	86.0	86.0	86.2	86.2
≥ 3000	22.6	52.9	59.3	69.6	77.6	81.7	84.6	86.2	86.7	87.5	87.5	87.5	87.5	87.5	87.7	87.7
≥ 2500	22.6	52.9	59.3	69.6	77.8	81.7	84.8	86.4	86.9	87.7	87.7	87.7	87.9	87.9	88.1	88.1
≥ 2000	22.6	52.9	59.3	69.6	77.8	81.9	85.0	86.9	87.3	88.1	88.1	88.1	88.3	88.3	88.5	88.5
≥ 1800	22.6	52.9	59.3	69.6	77.8	81.9	85.0	86.9	87.3	88.1	88.1	88.1	88.3	88.3	88.5	88.5
≥ 1500	22.6	53.1	60.0	70.2	78.6	82.8	85.8	87.7	88.1	89.1	89.1	89.1	89.3	89.3	89.5	89.5
≥ 1200	22.6	53.1	60.0	70.6	79.7	83.8	86.9	88.7	89.1	90.1	90.1	90.1	90.3	90.3	90.6	90.6
≥ 1000	22.6	53.4	61.6	72.5	82.1	86.2	89.3	91.2	91.6	92.6	92.8	92.8	93.0	93.0	93.2	93.2
≥ 900	22.6	53.6	61.8	72.7	83.0	87.3	9..3	92.2	92.6	93.8	94.0	94.0	94.3	94.3	94.5	94.5
≥ 800	22.6	53.8	62.2	73.5	84.0	88.5	91.6	93.4	93.8	95.1	95.3	95.3	95.3	95.5	95.7	95.7
≥ 700	22.6	53.8	62.4	73.7	84.8	89.7	93.0	94.9	95.3	96.5	96.7	96.7	96.9	96.9	97.1	97.1
≥ 600	22.6	53.8	62.4	73.7	84.8	90.1	94.0	95.9	96.3	97.5	97.7	97.7	97.9	97.9	98.2	98.2
≥ 500	22.6	53.8	62.4	73.7	85.6	91.0	95.1	96.9	97.3	98.6	98.8	98.8	99.0	99.0	99.2	99.2
≥ 400	22.6	53.8	62.4	73.7	85.6	91.0	95.1	96.9	97.3	98.6	98.8	98.8	99.0	99.0	99.2	99.2
≥ 300	22.6	53.8	62.4	73.9	85.8	91.4	95.5	97.3	97.7	99.0	99.2	99.2	99.4	99.4	99.6	99.8
≥ 200	22.6	53.8	62.4	73.9	85.8	91.4	95.5	97.3	97.7	99.0	99.2	99.2	99.4	99.4	99.6	100.0
≥ 100	22.6	53.8	62.4	73.9	85.8	91.4	95.5	97.3	97.7	99.0	99.2	99.2	99.4	99.4	99.6	100.0
≥ 0	22.6	53.8	62.4	73.9	85.8	91.4	95.5	97.3	97.7	99.0	99.2	99.2	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 467

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.9	43.2	51.2	54.2	58.7	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 20000	23.6	45.9	55.8	59.5	64.6	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	24.1	47.5	56.5	60.1	65.2	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000	24.1	47.5	56.5	60.1	65.2	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	24.1	47.7	56.8	60.8	65.9	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	24.4	49.0	58.2	62.7	67.9	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	25.0	52.5	62.2	67.1	73.1	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	25.0	52.5	62.4	67.3	73.5	75.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	25.8	55.7	65.9	71.6	77.8	79.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	26.2	56.5	66.8	72.7	78.9	80.9	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	26.5	57.1	67.8	74.0	80.2	82.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	27.0	58.4	69.4	75.6	82.1	83.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	27.0	58.4	69.4	75.6	82.0	83.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	27.3	59.7	69.7	76.1	82.6	84.5	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	27.3	59.2	70.5	76.9	83.4	85.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	27.3	59.5	71.0	78.1	84.8	86.8	88.0	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	27.3	59.6	71.1	78.3	85.2	87.1	88.4	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	27.3	60.1	72.1	79.4	86.3	88.2	89.6	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	27.3	60.1	72.1	79.4	86.6	88.5	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	27.9	60.9	73.2	80.9	88.5	90.6	92.0	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	28.1	61.6	74.5	82.5	90.0	92.7	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	28.1	62.5	75.8	83.9	92.5	94.6	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	28.1	62.5	75.6	83.9	92.5	94.7	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	28.1	62.5	75.6	84.1	92.8	95.2	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	28.1	62.5	75.6	84.2	93.3	96.0	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	28.1	62.5	75.6	84.2	93.3	96.3	98.2	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	28.1	62.7	75.8	84.4	93.6	96.7	98.7	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	28.1	62.7	75.8	84.4	93.6	96.7	98.7	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	28.1	62.7	75.8	84.4	93.6	96.7	98.7	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	28.1	62.7	75.8	84.4	93.6	96.7	98.7	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	28.1	62.7	75.8	84.4	93.6	96.7	98.7	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	28.1	62.7	75.8	84.4	93.6	96.7	98.7	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 627

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-74 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.7	41.4	46.9	50.8	54.4	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	27.8	49.0	55.7	60.1	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	27.9	49.4	56.0	60.7	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	27.9	49.4	56.0	60.7	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	28.1	50.0	57.0	61.7	65.9	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 12000	28.9	51.6	58.8	63.5	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 10000	29.4	52.2	62.8	67.9	72.4	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	29.5	55.4	63.0	68.0	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	30.5	58.3	66.1	71.1	76.0	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	30.5	58.4	66.4	71.4	76.3	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	30.5	58.8	67.0	72.6	77.4	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	30.8	61.4	71.1	76.8	81.7	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	31.3	62.0	71.8	77.4	82.5	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	31.7	63.6	74.2	80.7	86.5	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	32.1	65.1	76.0	82.5	88.3	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	32.3	66.7	77.9	84.6	90.7	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	32.5	67.0	78.4	85.1	91.4	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	32.5	68.3	80.4	87.2	93.7	94.5	94.6	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	32.6	68.5	80.4	88.1	94.8	95.6	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	33.3	69.2	81.3	89.0	95.6	96.6	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	33.3	69.3	81.2	89.6	96.6	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	33.3	69.5	81.3	89.8	97.1	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	33.3	69.5	81.3	89.8	97.1	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	33.3	69.6	81.5	89.9	97.6	98.5	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	33.3	69.6	81.5	89.9	97.6	98.5	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	33.3	69.6	81.5	89.9	97.7	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	33.3	69.6	81.5	89.9	97.7	98.9	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	33.3	69.6	81.5	89.9	97.7	98.9	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	33.3	69.6	81.5	89.9	97.7	98.9	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	33.3	69.6	81.5	89.9	97.7	98.9	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	33.3	69.6	81.5	89.9	97.7	98.9	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	33.3	69.6	81.5	89.9	97.7	98.9	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 616

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) JUL (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	24.2	41.3	44.4	50.9	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	29.0	49.5	53.3	60.0	63.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	29.0	49.7	53.7	60.8	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 16000	29.0	49.7	53.7	60.8	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	29.1	50.1	54.1	61.1	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 12000	30.3	53.0	57.0	64.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	31.6	56.2	60.8	68.8	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	31.6	56.6	61.1	69.1	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 8000	32.2	58.9	63.6	71.8	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	32.2	59.4	64.2	73.0	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000	32.4	60.0	64.8	73.5	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	32.6	62.3	67.2	76.8	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	33.3	63.0	68.2	77.9	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	34.1	65.3	70.9	81.5	87.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	34.3	67.0	73.0	84.0	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	34.5	67.6	73.9	85.1	92.1	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	34.9	68.0	74.5	86.3	93.1	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	35.6	69.5	76.0	88.2	95.6	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	35.6	69.5	76.0	88.2	95.6	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	35.8	69.7	76.2	88.4	95.8	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	35.8	70.3	76.6	89.3	97.1	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	35.8	70.3	76.8	89.3	97.1	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	35.8	70.3	76.8	89.3	97.1	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	35.8	70.3	76.8	89.3	97.1	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	35.8	70.3	76.8	89.3	97.1	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	35.8	70.3	77.3	90.3	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	35.8	70.3	77.3	90.5	98.3	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 400	35.8	70.3	77.3	90.5	98.3	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	35.8	70.3	77.3	90.5	98.3	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	35.8	70.3	77.3	90.5	98.3	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	35.8	70.3	77.3	90.5	98.3	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	35.8	70.3	77.3	90.5	98.3	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 525

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.6	47.9	49.2	53.1	55.6	55.9	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	29.7	50.8	56.1	61.6	65.7	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	30.0	51.0	56.5	62.1	66.1	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	30.0	51.0	56.5	62.1	66.1	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	30.4	51.9	57.4	63.2	67.5	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	32.0	54.5	60.2	65.9	70.3	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	34.1	57.7	64.3	70.7	75.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	34.6	58.6	65.2	71.5	76.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 8000	35.2	61.1	68.2	74.8	79.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	35.7	62.2	69.6	76.7	81.7	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	36.2	63.4	70.7	77.8	82.6	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	36.6	64.1	72.3	79.4	84.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	36.6	64.1	72.8	80.1	85.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	37.1	65.9	75.2	83.1	88.1	89.5	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	37.8	66.8	76.4	84.4	89.5	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	37.8	67.5	78.1	86.3	92.2	93.6	94.1	94.3	94.3	94.5	94.5	94.5	94.7	94.7	94.7	94.7
≥ 2500	38.2	68.0	78.5	87.2	93.1	94.5	95.0	95.2	95.2	95.4	95.4	95.4	95.7	95.7	95.7	95.7
≥ 2000	38.2	68.4	78.9	87.9	94.1	95.4	95.9	96.1	96.1	96.3	96.3	96.3	96.6	96.6	96.6	96.6
≥ 1800	38.2	68.4	78.9	87.9	94.1	95.4	95.9	96.1	96.1	96.3	96.3	96.3	96.6	96.6	96.6	96.6
≥ 1500	38.2	69.6	80.1	89.2	95.2	96.6	97.0	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.7	97.7
≥ 1200	38.2	70.0	80.5	89.5	95.7	97.0	97.5	97.7	97.7	97.9	97.9	97.9	98.2	98.2	98.2	98.2
≥ 1000	38.2	70.0	80.6	89.7	95.9	97.3	97.7	97.9	97.9	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 900	38.2	70.0	80.6	89.7	95.9	97.3	97.7	97.9	97.9	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 800	38.2	70.0	80.8	89.7	95.9	97.3	97.9	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 700	38.2	70.0	80.8	89.7	95.9	97.3	97.9	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 600	38.2	70.0	80.8	90.2	96.3	97.7	98.4	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 500	38.2	70.0	81.5	90.8	97.0	98.4	99.1	99.3	99.3	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 400	38.2	70.0	81.5	90.8	97.0	98.4	99.1	99.3	99.3	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 300	38.2	70.0	81.5	90.8	97.0	98.4	99.1	99.3	99.3	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 200	38.2	70.0	81.5	90.8	97.0	98.4	99.1	99.3	99.3	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 100	38.2	70.0	81.5	90.8	97.0	98.4	99.1	99.3	99.3	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 0	38.2	70.0	81.5	90.8	97.0	98.4	99.1	99.3	99.3	99.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 437

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-76 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	41.0	54.8	61.3	63.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	43.9	59.9	67.7	71.0	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000 ≥ 16000	43.8	59.9	67.7	71.0	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
	43.8	59.9	67.7	71.0	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000 ≥ 12000	45.2	61.3	69.6	72.9	75.0	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
	47.5	63.6	71.9	75.1	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000 ≥ 9000	50.2	66.9	75.6	78.8	81.6	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
	50.2	67.3	76.0	79.3	82.0	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000 ≥ 7000	50.7	68.7	77.9	81.1	83.9	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
	50.7	68.7	77.9	81.1	83.9	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000 ≥ 5000	50.7	68.7	78.6	82.0	84.8	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
	51.2	69.1	79.7	83.9	86.6	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500 ≥ 4000	51.2	69.1	79.7	84.8	87.6	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
	52.5	71.4	82.0	87.6	90.3	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500 ≥ 3000	53.5	72.4	82.9	88.9	91.7	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	56.8	75.1	85.7	91.7	94.5	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500 ≥ 2000	56.7	77.0	87.6	93.5	96.3	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	56.7	77.0	87.6	93.5	96.3	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800 ≥ 1500	56.7	77.0	87.6	93.5	96.3	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	56.7	77.4	88.0	94.0	96.8	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200 ≥ 1000	56.7	77.4	88.9	94.9	97.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	56.7	77.4	88.9	94.9	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900 ≥ 800	56.7	77.4	88.9	94.9	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	56.7	77.4	88.9	94.9	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700 ≥ 600	56.7	77.4	89.4	95.4	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	56.7	77.4	89.4	95.4	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	56.7	77.4	89.4	95.4	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	56.7	77.4	89.4	95.4	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	56.7	77.4	89.4	95.4	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	56.7	77.4	89.4	95.4	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0	56.7	77.4	89.4	95.4	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	56.7	77.4	89.4	95.4	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 217

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (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	24.1	42.2	47.9	52.2	55.7	56.6	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	27.1	47.9	54.4	59.4	63.9	65.1	65.5	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	27.3	48.2	54.8	60.0	64.5	65.7	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	27.3	48.2	54.8	60.0	64.5	65.7	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	27.6	48.7	55.4	60.8	65.4	66.6	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	28.4	50.5	57.3	62.9	67.5	68.7	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000	29.6	54.0	61.4	67.4	72.5	73.9	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	29.7	54.4	61.8	67.8	73.1	74.5	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	30.4	56.9	64.6	71.0	76.3	77.7	78.3	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	30.6	57.5	65.4	72.0	77.4	78.8	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	30.8	58.1	66.3	73.2	78.6	80.0	80.7	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	31.3	59.9	68.3	75.9	81.4	82.9	83.6	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	31.5	60.1	69.0	76.5	82.1	83.7	84.4	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	31.9	61.5	70.7	78.7	84.6	86.3	87.0	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	32.3	62.5	72.0	80.1	86.1	87.7	88.6	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 3000	32.5	63.4	73.2	81.6	88.0	89.7	90.6	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 2500	32.8	63.9	73.7	82.2	88.7	90.3	91.3	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 2000	32.9	64.5	74.5	83.3	90.0	91.7	92.7	93.2	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 1800	32.9	64.9	74.6	83.5	90.3	92.0	93.0	93.5	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 1500	33.3	65.1	75.3	84.4	91.3	93.0	94.1	94.5	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 1200	33.3	65.8	75.9	85.2	92.5	94.2	95.3	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1000	33.3	65.9	76.5	85.9	93.5	95.2	96.3	96.8	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3
≥ 900	33.3	66.0	76.5	85.9	93.6	95.4	96.5	97.0	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 800	33.3	66.0	76.6	86.2	94.0	95.8	97.1	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.1	98.1
≥ 700	33.3	66.1	76.7	86.3	94.3	96.3	97.6	98.1	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 600	33.3	66.1	76.8	86.5	94.5	96.7	98.1	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 500	33.3	66.1	76.9	86.7	94.9	97.1	98.6	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	33.3	66.1	76.9	86.7	94.9	97.1	98.6	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 300	33.3	66.1	76.9	86.7	94.9	97.2	98.7	99.2	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0
≥ 200	33.3	66.1	76.9	86.7	94.9	97.2	98.7	99.2	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0
≥ 100	33.3	66.1	76.9	86.7	94.9	97.2	98.7	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0
0	33.3	66.1	76.9	86.7	94.9	97.2	98.7	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2911

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	14.5	29.1	36.6	43.1	48.4	53.2	55.9	56.6	56.6	56.9	56.9	56.9	57.1	57.1	57.1	57.1
≥ 20000	15.0	30.7	38.2	44.8	50.0	55.9	58.8	59.6	59.8	60.3	60.3	60.3	60.5	60.5	60.5	60.5
≥ 18000	15.0	30.7	38.5	45.3	51.3	56.4	59.3	60.1	60.3	60.8	60.8	60.8	61.0	61.0	61.0	61.0
≥ 16000	15.0	30.7	38.5	45.3	51.3	56.4	59.3	60.1	60.3	60.8	60.8	60.8	61.0	61.0	61.0	61.0
≥ 14000	15.3	31.3	39.2	46.3	52.5	57.6	60.5	61.3	61.5	62.0	62.0	62.0	62.2	62.2	62.2	62.2
≥ 12000	15.5	32.7	41.1	48.6	55.2	60.6	63.7	64.7	64.9	65.4	65.4	65.4	65.6	65.6	65.6	65.6
≥ 10000	16.2	34.6	44.8	52.8	60.3	65.8	69.3	70.5	70.7	71.2	71.2	71.2	71.4	71.4	71.4	71.4
≥ 9000	16.2	34.8	45.1	53.3	60.8	66.4	70.0	71.2	71.4	71.9	71.9	71.9	72.1	72.1	72.1	72.1
≥ 8000	16.9	36.3	46.7	55.0	63.0	68.8	72.7	73.9	74.1	74.6	74.6	74.6	74.6	74.8	74.8	74.8
≥ 7000	17.0	37.1	48.0	56.4	64.6	70.4	74.3	75.5	75.6	76.1	76.1	76.1	76.3	76.3	76.3	76.3
≥ 6000	17.2	37.6	48.6	56.9	65.1	71.0	75.1	76.5	76.7	77.2	77.2	77.2	77.3	77.3	77.3	77.3
≥ 5000	17.2	38.3	49.6	58.3	67.1	73.1	77.3	78.7	78.9	79.4	79.4	79.4	79.6	79.6	79.6	79.6
≥ 4500	17.2	38.3	49.6	58.3	67.1	73.1	77.3	78.7	78.9	79.4	79.4	79.4	79.6	79.6	79.6	79.6
≥ 4000	17.7	38.8	50.3	59.6	69.3	75.3	79.6	80.9	81.1	81.6	81.6	81.6	81.8	81.8	81.8	81.8
≥ 3500	17.7	39.2	50.6	60.5	70.4	76.3	80.6	81.9	82.1	82.8	82.8	82.8	83.0	83.0	83.0	83.0
≥ 3000	17.7	39.2	50.8	60.8	71.1	77.2	81.9	83.6	83.8	84.5	84.5	84.5	84.7	84.7	84.7	84.7
≥ 2500	18.1	39.5	51.1	61.3	71.7	77.9	82.6	84.3	84.5	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 2000	18.1	39.9	51.6	62.2	72.6	78.9	83.6	85.3	85.5	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 1800	18.1	40.0	51.8	62.4	72.9	79.4	84.3	86.2	86.4	87.2	87.2	87.2	87.4	87.4	87.4	87.4
≥ 1500	18.7	40.9	52.6	63.4	73.9	80.6	85.5	87.4	87.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8
≥ 1200	18.7	41.2	53.2	64.1	75.1	82.6	87.7	89.6	89.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0
≥ 1000	18.7	41.7	53.7	64.9	76.3	84.5	90.1	92.3	92.5	93.7	93.7	93.7	93.9	93.9	93.9	93.9
≥ 900	18.7	41.7	53.8	65.2	76.8	85.2	91.1	93.4	93.5	94.7	94.7	94.7	94.9	94.9	94.9	94.9
≥ 800	18.7	41.9	54.0	65.4	77.3	85.9	92.3	95.1	95.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 700	18.7	42.2	54.3	65.9	78.0	86.5	93.2	96.4	96.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 600	18.7	42.2	54.3	65.9	78.2	86.7	93.4	96.8	96.8	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 500	18.7	42.2	54.3	65.9	78.2	86.7	93.4	96.6	96.8	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 400	18.7	42.2	54.3	65.9	78.4	87.1	93.9	97.6	97.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3
≥ 300	18.7	42.2	54.3	65.9	78.4	87.1	94.0	98.0	98.1	99.5	99.5	99.5	99.7	99.7	99.7	99.8
≥ 200	18.7	42.2	54.3	65.9	78.4	87.1	94.0	98.0	98.1	99.5	99.5	99.5	99.7	99.7	99.8	100.0
≥ 100	18.7	42.2	54.3	65.9	78.4	87.1	94.0	98.0	98.1	99.5	99.5	99.5	99.7	99.7	99.8	100.0
0	18.7	42.2	54.3	65.9	78.4	87.1	94.0	98.0	98.1	99.5	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 567

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.3	36.3	43.9	52.7	57.3	59.1	59.6	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	19.9	38.9	46.6	55.7	60.4	62.2	63.0	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	19.9	38.8	46.6	55.7	60.4	62.2	63.0	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	19.9	38.8	46.6	55.7	60.4	62.2	63.0	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	20.2	39.0	46.9	56.0	61.0	62.7	63.6	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	20.2	40.4	48.4	57.7	62.9	64.8	65.6	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	21.1	44.2	52.4	63.0	68.7	70.9	71.8	72.1	72.1	72.2	72.2	72.2	72.4	72.4	72.4	72.4
≥ 9000	21.1	44.7	53.0	63.7	69.4	71.5	72.5	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 8000	21.7	46.1	55.0	65.7	71.4	73.6	74.9	75.2	75.2	75.3	75.3	75.3	75.5	75.5	75.5	75.5
≥ 7000	22.1	47.0	56.0	66.7	72.6	74.9	76.3	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 6000	22.4	47.4	56.5	67.2	73.2	75.7	77.1	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6
≥ 5000	22.4	47.7	57.3	68.6	74.9	77.5	78.9	79.1	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 4500	22.6	48.4	58.0	69.2	75.6	78.2	79.5	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1
≥ 4000	22.8	48.6	58.9	70.6	77.1	79.9	81.3	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 3500	23.2	49.3	59.9	71.5	78.0	80.9	82.4	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9
≥ 3000	23.3	50.1	60.8	72.8	79.9	82.9	84.6	84.8	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.1
≥ 2500	23.6	50.7	61.4	73.4	80.9	83.9	85.5	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 2000	24.0	51.6	62.3	74.7	82.4	85.5	87.1	87.4	87.4	87.5	87.5	87.5	87.7	87.7	87.7	87.7
≥ 1800	24.0	52.0	62.7	75.1	82.8	85.9	87.5	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1500	24.0	53.3	64.2	76.7	85.0	88.1	89.7	90.1	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 1200	24.0	54.5	65.0	78.2	87.7	90.9	92.7	93.4	93.5	93.6	93.6	93.6	93.8	93.8	93.8	93.8
≥ 1000	24.0	54.2	65.9	79.1	89.2	93.2	95.7	96.7	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2
≥ 900	24.0	54.3	66.1	79.4	89.4	93.5	96.2	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	24.0	54.3	66.3	79.5	89.7	93.8	96.6	98.0	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 700	24.0	54.5	66.4	79.7	90.0	94.3	97.3	98.6	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 600	24.0	54.5	66.4	79.7	90.2	95.1	98.1	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 500	24.0	54.5	66.4	79.7	90.2	95.1	98.1	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	24.0	54.5	66.4	79.7	90.2	95.1	98.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	24.0	54.5	66.4	79.7	90.2	95.1	98.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	24.0	54.5	66.4	79.7	90.2	95.1	98.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	24.0	54.5	66.4	79.7	90.2	95.1	98.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	24.0	54.5	66.4	79.7	90.2	95.1	98.1	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 738

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (WBAN NO.) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.0	40.2	46.2	51.2	56.6	57.6	58.0	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	26.2	44.2	50.9	56.0	61.6	62.6	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	26.2	44.4	51.0	56.2	61.7	62.7	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	26.2	44.4	51.0	56.2	61.7	62.7	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	27.0	45.9	52.6	57.7	63.2	64.2	64.6	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000	27.3	47.9	54.5	59.6	65.9	66.9	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	28.8	52.1	59.4	65.3	71.9	73.0	73.5	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	28.8	52.4	59.6	65.6	72.1	73.2	73.8	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	29.1	53.7	61.0	67.4	73.9	75.2	76.0	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 7000	29.5	54.5	62.4	68.8	75.3	76.7	77.5	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000	29.5	54.5	62.7	69.6	76.4	77.8	78.6	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	29.6	56.6	65.6	73.2	80.2	81.6	82.4	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	30.4	57.4	66.4	74.5	81.4	82.8	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	30.5	58.4	67.5	76.4	83.8	85.2	86.0	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	30.7	59.1	68.2	77.1	84.7	86.1	87.1	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	31.5	60.2	69.3	79.1	87.4	88.3	89.5	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	32.0	60.7	69.9	79.8	88.1	89.5	91.0	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	32.0	61.0	70.3	80.5	89.3	91.0	92.5	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	32.2	61.6	70.9	81.4	90.2	92.0	93.5	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	32.2	62.0	71.6	82.7	91.6	93.6	95.6	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	32.5	62.7	72.4	84.0	93.9	96.0	97.9	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	32.5	62.7	72.4	84.2	94.1	96.3	98.2	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	32.5	62.7	72.4	84.2	94.0	96.3	98.2	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	32.5	62.7	72.4	84.2	94.0	96.4	98.3	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	32.5	62.7	72.4	84.2	94.0	96.4	98.3	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	32.5	62.7	72.4	84.2	94.3	96.7	98.6	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	32.5	62.7	72.5	84.3	94.5	96.8	98.8	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	32.5	62.7	72.5	84.3	94.5	96.8	98.8	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	32.5	62.7	72.5	84.3	94.5	96.8	98.8	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	32.5	62.7	72.5	84.3	94.5	96.8	98.8	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	32.5	62.7	72.5	84.3	94.5	96.8	98.8	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	32.5	62.7	72.5	84.3	94.5	96.8	98.8	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 721

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-73 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.6	43.0	50.5	54.7	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	28.8	47.4	55.9	60.7	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 18000	28.8	48.1	56.7	61.5	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	28.8	48.3	56.9	61.7	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	29.4	50.5	59.2	64.2	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000	30.4	53.0	61.7	67.1	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	31.3	55.9	65.0	70.9	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	31.3	56.1	65.1	71.0	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	31.5	56.4	65.4	72.3	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	32.2	57.6	66.8	73.7	78.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	[illegible]	57.8	67.4	75.1	80.1	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	3[illegible]	59.7	70.2	78.0	83.2	84.1	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	33.3	61.1	71.7	79.4	84.6	85.5	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	34.1	62.9	74.0	82.2	87.4	88.9	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	34.6	64.0	75.2	83.6	88.8	90.8	9[illegible].8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	35.4	65.9	78.0	86.8	92.1	94.1	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	35.7	66.4	78.5	87.2	93.0	95.0	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	35.7	66.5	78.7	88.0	93.9	95.1	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	35.7	66.5	78.7	88.2	94.1	96.3	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	35.7	66.5	78.7	88.3	94.4	96.6	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	35.7	66.5	78.8	88.5	94.5	96.7	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	35.7	66.7	79.0	88.8	95.0	97.5	9[illegible].1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	35.7	66.7	79.0	88.8	95.0	97.5	9[illegible].1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	35.7	66.7	79.0	88.8	95.0	97.5	9[illegible].4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	35.7	66.7	79.0	88.8	95.0	97.7	9[illegible].6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	35.7	66.7	79.0	88.8	95.0	97.7	9[illegible].6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	35.7	66.7	79.0	88.8	95.0	97.7	9[illegible].6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	35.7	66.7	79.0	88.8	95.0	97.7	9[illegible].6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	35.7	66.7	79.0	88.8	95.0	97.7	9[illegible].6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	35.7	66.7	79.0	88.8	95.0	97.7	9[illegible].6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	35.7	66.7	79.0	88.8	95.0	97.7	9[illegible].6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	35.7	66.7	79.0	88.8	95.0	97.7	9[illegible].6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 642

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.5	44.3	49.3	54.7	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	31.6	48.7	54.3	59.7	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	32.0	49.5	55.1	60.5	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	32.0	49.5	55.1	60.5	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	33.7	52.4	58.4	64.0	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	34.7	55.1	61.5	67.1	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	35.8	59.0	65.7	72.4	75.0	75.9	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	36.0	59.3	66.3	73.0	75.5	76.5	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	36.6	61.1	68.2	75.1	77.6	78.6	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	37.2	62.0	69.2	76.3	79.0	80.0	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	37.4	62.4	69.9	77.3	80.3	81.5	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 5000	38.0	63.6	71.7	79.6	83.6	84.8	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	38.2	63.8	71.9	79.8	83.8	85.0	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	38.7	66.1	75.0	83.6	88.4	90.0	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	38.7	64.7	75.5	84.2	89.0	90.6	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	38.7	66.7	75.9	85.0	90.9	92.5	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	38.9	67.2	76.5	85.9	91.9	93.4	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	39.1	67.6	77.5	87.1	93.4	95.0	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	39.1	67.6	77.5	87.1	93.4	95.0	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	39.1	67.8	77.6	87.5	94.0	95.8	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	39.1	67.8	77.6	87.5	94.0	95.8	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	39.1	67.8	77.6	87.7	94.4	96.3	97.5	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	39.1	67.8	77.6	87.7	94.4	96.3	97.5	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	39.1	68.0	77.8	87.9	94.8	96.7	97.9	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	39.1	68.0	77.8	87.9	94.8	96.9	98.1	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	39.1	68.0	77.8	87.9	95.0	97.1	98.5	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	39.1	68.0	77.8	87.9	95.0	97.1	98.5	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	39.1	68.0	77.8	87.9	95.0	97.1	98.5	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	39.1	68.0	77.8	87.9	95.0	97.1	98.5	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	39.1	68.0	77.8	87.9	95.0	97.1	98.5	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	39.1	68.0	77.8	87.9	95.0	97.1	98.5	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	39.1	68.0	77.8	87.9	95.0	97.1	98.5	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 519

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.5	46.4	52.1	57.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	39.3	49.8	56.6	62.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	39.3	49.8	56.6	62.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	39.3	49.8	56.6	62.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	40.8	51.7	59.2	64.8	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	41.2	52.8	60.3	66.3	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 10000	44.2	58.1	65.9	72.7	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	44.2	58.1	65.9	72.7	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	45.7	60.3	68.9	75.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 7000	45.7	60.3	68.9	75.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	46.8	61.4	70.8	77.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	46.8	62.9	73.4	81.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	46.8	62.9	73.4	81.3	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	46.8	64.4	76.4	84.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	46.8	65.9	77.9	86.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	47.2	67.4	80.5	88.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	47.6	69.3	82.4	90.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	47.9	69.7	83.5	91.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	47.9	69.7	83.5	91.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	47.9	69.7	84.3	92.5	97.0	97.0	97.0	97.4	97.4	97.8	97.8	97.8	98.1	98.1	98.1	98.1
≥ 1200	47.9	69.7	84.3	92.5	97.0	97.0	97.0	97.4	97.4	97.8	97.8	97.8	98.1	98.1	98.1	98.1
≥ 1000	47.9	69.7	84.3	92.5	97.4	97.4	97.4	97.8	97.8	98.1	98.1	98.1	98.5	98.5	98.5	98.5
≥ 900	47.9	69.7	84.6	92.9	97.8	97.8	97.8	98.1	98.1	98.5	98.5	98.5	98.9	98.9	98.9	98.9
≥ 800	47.9	69.7	84.6	92.9	97.8	97.8	97.8	98.1	98.1	98.5	98.5	98.5	98.9	98.9	98.9	98.9
≥ 700	47.9	69.7	84.6	92.9	97.8	97.8	97.8	98.1	98.1	98.5	98.5	98.5	98.9	98.9	98.9	98.9
≥ 600	47.9	69.7	85.0	93.3	98.5	98.5	98.5	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6	99.6
≥ 500	47.9	69.7	85.0	93.3	98.5	98.5	98.5	98.9	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 400	47.9	69.7	85.0	93.3	98.5	98.5	98.5	98.9	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 300	47.9	69.7	85.0	93.3	98.5	98.5	98.5	98.9	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	47.9	69.7	85.0	93.3	98.5	98.5	98.5	98.9	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	47.9	69.7	85.0	93.3	98.5	98.5	98.5	98.9	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
0	47.9	69.7	85.0	93.3	98.5	98.5	98.5	98.9	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 267

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	23.5	39.2	45.8	51.8	55.6	57.3	58.0	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	25.3	42.5	49.7	56.0	60.2	61.8	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	25.4	42.8	50.1	56.4	60.7	62.2	63.0	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	25.4	42.8	50.1	56.4	60.7	62.3	63.0	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5
≥ 14000	26.1	44.3	51.7	58.1	62.5	64.1	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	26.6	46.1	53.8	60.4	65.1	66.8	67.5	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	27.8	49.7	57.9	65.4	70.5	72.4	73.3	73.6	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9
≥ 9000	27.8	49.9	58.3	65.8	71.0	72.9	73.8	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	28.3	51.3	59.8	67.7	72.9	74.9	76.1	76.4	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 7000	28.8	52.2	61.0	68.8	74.2	76.3	77.5	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000	29.0	52.5	61.6	69.7	75.4	77.5	78.8	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	29.2	53.7	63.5	72.2	78.2	80.4	81.7	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	29.5	54.3	64.1	72.9	78.9	81.1	82.3	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	29.9	55.5	65.8	75.1	81.6	84.0	85.2	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	30.1	56.2	66.6	76.1	82.6	85.1	86.4	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	30.4	57.1	67.9	77.7	84.7	87.3	88.7	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	30.8	57.7	68.5	78.4	85.7	88.3	89.8	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	30.9	58.1	69.1	79.4	86.9	89.6	91.3	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	31.0	58.4	69.3	79.7	87.3	90.1	91.8	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	31.1	58.9	70.0	80.6	88.6	91.4	93.2	93.9	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1200	31.1	59.1	70.5	81.4	89.8	92.8	94.7	95.5	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1000	31.1	59.4	70.8	81.9	90.5	94.0	96.1	97.2	97.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 900	31.1	59.4	70.9	82.0	90.7	94.2	96.4	97.5	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 800	31.1	59.5	71.0	82.1	90.9	94.4	96.9	98.0	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	31.1	59.6	71.0	82.2	91.1	94.7	97.2	98.5	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	31.1	59.6	71.1	82.2	91.3	95.1	97.6	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	31.1	59.6	71.1	82.3	91.3	95.1	97.6	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	31.1	59.6	71.1	82.3	91.3	95.1	97.7	99.1	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	31.1	59.6	71.1	82.3	91.3	95.1	97.7	99.2	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	31.1	59.6	71.1	82.3	91.3	95.1	97.7	99.2	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	31.1	59.6	71.1	82.3	91.3	95.1	97.7	99.2	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	31.1	59.6	71.1	82.3	91.3	95.1	97.7	99.2	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3478

USAF ETAC FORM 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (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	15.2	27.5	32.8	35.5	43.5	44.7	46.0	47.6	47.8	48.1	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	16.0	29.6	35.8	38.9	47.1	49.0	50.4	52.0	52.2	52.8	52.9	52.9	52.9	52.9	52.9	52.9
≥ 18000	16.0	29.6	35.8	38.9	47.1	49.0	50.4	52.0	52.2	52.8	52.9	52.9	52.9	52.9	52.9	52.9
≥ 16000	16.0	29.6	35.8	38.9	47.1	49.0	50.4	52.0	52.2	52.8	52.9	52.9	52.9	52.9	52.9	52.9
≥ 14000	16.2	30.1	36.4	39.6	47.8	49.7	51.2	52.8	52.9	53.5	53.7	53.7	53.7	53.7	53.7	53.7
≥ 12000	16.9	31.6	37.8	41.4	49.9	51.9	54.0	55.6	55.8	56.3	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	18.0	33.2	40.1	44.4	53.5	55.6	57.8	59.4	59.5	60.1	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	18.2	33.3	40.5	44.7	54.0	56.1	58.3	59.9	60.1	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	19.1	35.5	42.8	47.6	57.4	59.5	61.7	63.3	63.5	64.0	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	19.4	36.0	43.3	48.1	57.9	60.1	62.4	64.3	64.5	65.2	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000	20.1	36.9	44.6	49.7	59.5	61.7	64.0	66.0	66.1	66.8	67.0	67.0	67.0	67.0	67.0	67.0
≥ 5000	21.2	39.9	46.7	53.1	63.1	65.4	68.3	70.2	70.4	71.1	71.3	71.3	71.3	71.5	71.5	71.5
≥ 4500	21.4	39.2	47.4	53.8	64.0	66.5	69.3	71.3	71.5	72.2	72.4	72.4	72.4	72.5	72.5	72.5
≥ 4000	22.3	40.8	49.0	55.6	66.0	68.4	71.5	73.4	73.6	74.3	74.5	74.5	74.5	74.7	74.7	74.7
≥ 3500	22.6	42.2	50.4	57.0	67.6	70.2	73.3	75.2	75.4	76.1	76.3	76.3	76.3	76.5	76.5	76.5
≥ 3000	23.4	44.0	52.2	59.0	69.5	72.2	75.4	77.4	77.5	78.3	78.4	78.4	78.4	78.6	78.6	78.6
≥ 2500	24.1	45.8	54.5	61.9	72.4	75.2	78.4	80.4	80.6	81.3	81.5	81.5	81.5	81.6	81.6	81.6
≥ 2000	24.4	46.3	55.3	62.7	73.6	76.8	80.0	82.5	82.7	83.4	83.6	83.6	83.6	83.8	83.8	83.8
≥ 1800	24.4	46.3	55.3	62.7	73.6	76.8	80.0	82.5	82.7	83.4	83.6	83.6	83.6	83.8	83.8	83.8
≥ 1500	25.3	47.8	56.9	64.5	76.1	79.3	82.6	85.2	85.4	86.1	86.3	86.3	86.3	86.5	86.5	86.5
≥ 1200	25.3	48.8	58.3	66.5	78.3	81.5	85.0	87.7	87.9	88.6	88.8	88.8	88.8	88.9	88.9	88.9
≥ 1000	25.3	49.4	59.0	67.2	79.1	82.4	86.0	88.9	89.1	90.0	90.2	90.2	90.2	90.4	90.4	90.4
≥ 900	25.5	49.7	59.4	67.6	80.3	83.4	87.9	90.0	90.2	91.1	91.3	91.3	91.3	91.4	91.4	91.4
≥ 800	25.5	49.7	59.7	67.9	80.9	85.6	90.0	92.2	92.3	93.2	93.4	93.4	93.4	93.6	93.6	93.6
≥ 700	25.5	49.9	59.9	68.3	81.5	86.3	91.3	93.4	93.6	94.5	94.7	94.7	94.7	94.8	94.8	94.8
≥ 600	25.5	49.9	59.9	68.3	81.6	86.6	91.8	94.3	94.5	95.5	95.7	95.7	95.7	95.9	95.9	95.9
≥ 500	25.5	50.1	60.1	68.4	82.2	87.3	92.5	95.0	95.2	96.3	96.6	97.0	97.0	97.1	97.1	97.1
≥ 400	25.5	50.1	60.1	68.4	82.2	87.3	93.0	95.7	95.9	97.0	97.5	98.0	98.0	98.2	98.2	98.2
≥ 300	25.5	50.1	60.1	68.4	82.2	87.3	93.2	96.1	96.3	97.3	97.9	98.4	98.4	98.9	98.9	99.3
≥ 200	25.5	50.1	60.1	68.4	82.2	87.3	93.2	96.1	96.3	97.3	97.9	98.4	98.6	99.1	99.1	99.6
≥ 100	25.5	50.1	60.1	68.4	82.2	87.3	93.2	96.1	96.3	97.3	98.0	98.6	98.8	99.3	99.3	100.0
≥ 0	25.5	50.1	60.1	68.4	82.2	87.3	93.2	96.1	96.3	97.3	98.0	98.6	98.8	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 561

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.8	35.2	39.4	42.2	46.9	48.9	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	20.5	38.4	42.8	45.9	50.8	53.1	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000	20.6	38.6	42.9	46.0	51.0	53.2	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000	20.6	38.6	42.9	46.0	51.0	53.2	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000	20.8	38.7	43.1	46.3	51.3	53.5	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	21.3	40.3	45.3	48.7	54.0	56.2	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 10000	21.9	43.1	48.6	53.1	58.9	61.3	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 9000	21.9	43.4	49.0	53.5	59.3	61.7	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	22.5	45.5	51.1	56.1	62.3	64.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 7000	23.6	47.5	53.2	58.5	64.7	67.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	23.9	47.9	53.8	59.2	65.5	67.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	24.2	49.3	55.2	61.6	68.4	71.2	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	24.7	50.3	56.5	62.9	69.6	72.5	73.6	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	25.3	51.3	57.5	63.8	70.6	73.4	74.7	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	26.3	52.7	59.5	66.0	72.9	75.7	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	29.0	55.9	63.0	70.1	77.3	80.1	81.5	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	29.1	56.6	64.0	71.2	78.7	81.8	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	30.2	58.8	66.4	74.0	81.5	84.6	86.0	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	30.4	59.3	66.9	74.6	82.1	85.2	86.6	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	30.9	60.2	68.1	75.8	84.5	87.9	89.5	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	31.4	61.2	69.5	77.3	86.0	89.4	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	31.4	62.1	70.6	79.1	88.3	91.8	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	31.5	62.3	71.0	79.7	89.0	92.8	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	31.6	62.4	71.5	80.1	89.7	93.6	95.8	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	31.6	62.6	71.5	80.1	90.0	94.2	96.5	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	31.6	62.7	71.8	80.4	90.3	94.6	96.9	97.5	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	31.6	62.7	71.8	80.4	90.3	95.3	97.7	98.4	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	31.6	62.7	71.8	80.4	90.3	95.3	97.7	98.4	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	31.6	62.7	71.8	80.4	90.3	95.3	97.7	98.4	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	31.6	62.7	71.8	80.4	90.3	95.3	97.7	98.7	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	31.6	62.7	71.8	80.4	90.3	95.3	97.7	98.7	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	31.6	62.7	71.8	80.4	90.3	95.3	97.7	98.7	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 70P

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.7	41.9	44.8	48.6	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	28.3	46.9	50.5	54.5	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 18000	28.3	46.9	50.5	54.5	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	28.3	46.9	50.5	54.5	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	28.3	46.9	50.5	54.5	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	29.4	48.1	51.6	55.7	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000	31.1	51.2	55.4	59.4	61.8	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 9000	31.3	51.8	56.0	60.0	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	32.1	54.5	58.8	63.6	66.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 7000	33.1	56.5	60.8	66.0	68.6	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	34.0	57.5	62.1	67.3	69.9	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	35.0	59.5	64.8	70.3	73.2	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4500	35.6	60.5	66.0	71.4	74.3	74.7	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4000	36.3	62.1	67.6	73.8	76.5	77.0	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3500	38.0	65.0	70.7	76.9	79.8	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	39.2	67.7	74.0	80.9	84.1	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	40.0	69.3	75.9	82.9	86.4	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	40.7	70.7	77.8	85.2	89.0	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	41.0	71.2	78.0	85.9	89.7	90.2	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	41.8	72.6	79.9	88.1	92.5	93.1	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	41.9	73.5	81.2	89.5	94.3	94.8	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	41.9	73.9	81.9	90.4	95.7	96.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	41.9	73.9	81.9	90.4	95.8	96.4	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	41.9	73.9	81.9	90.5	96.0	96.6	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	41.9	73.9	82.2	91.0	96.4	97.3	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	41.9	73.9	82.2	91.1	96.6	97.6	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	41.9	73.9	82.2	91.1	96.6	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	41.9	73.9	82.2	91.1	96.7	98.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	41.9	73.9	82.2	91.1	96.7	98.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	41.9	73.9	82.2	91.1	96.7	98.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.9	73.9	82.2	91.1	96.7	98.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
> 0	41.9	73.9	82.2	91.1	96.7	98.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 697

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	34.2	51.9	53.9	56.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	37.9	57.5	60.5	63.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	37.9	57.6	60.6	63.5	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	37.9	57.6	60.6	63.5	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	38.0	57.8	61.0	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	38.4	58.6	61.3	65.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	39.2	60.8	64.2	68.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	39.2	61.5	64.8	68.8	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000	39.9	64.2	67.7	72.2	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	40.9	65.7	69.7	74.5	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	41.7	66.8	71.0	75.9	77.6	77.9	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	42.9	69.2	74.4	79.7	81.6	81.9	82.1	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	43.2	69.7	75.4	80.7	82.6	82.9	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4000	44.7	71.2	77.6	83.9	85.8	86.1	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	45.4	72.5	79.1	85.8	87.8	88.1	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	46.2	74.3	81.6	88.3	90.5	90.8	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	46.4	75.9	82.7	89.4	91.6	92.0	92.1	92.1	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	46.9	77.4	84.6	91.8	94.1	94.5	94.6	94.6	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	46.9	77.4	84.6	91.8	94.1	94.5	94.6	94.6	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	46.9	77.7	84.9	92.5	94.8	95.1	95.3	95.3	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	47.1	78.6	86.1	93.6	96.0	96.3	96.5	96.5	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	47.1	78.6	86.6	94.3	96.6	97.0	97.2	97.2	97.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	47.1	78.6	86.9	94.6	97.0	97.3	97.5	97.5	97.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	47.1	78.6	87.3	95.0	97.3	97.7	97.8	97.8	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	47.1	78.6	87.3	95.1	97.7	98.2	98.7	98.7	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	47.1	78.6	87.3	95.1	97.7	98.3	98.7	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	47.1	78.6	87.3	95.1	97.8	98.5	98.8	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	47.1	78.6	87.3	95.1	97.8	98.5	98.8	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	47.1	78.6	87.3	95.1	97.8	98.5	98.8	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	47.1	78.6	87.3	95.1	97.8	98.5	98.8	99.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.1	78.6	87.3	95.1	97.8	98.5	98.8	99.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	47.1	78.6	87.3	95.1	97.8	98.5	98.8	99.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 597

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION NUMBER) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.6	56.9	62.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	43.3	61.8	67.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000	43.3	62.7	68.4	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	43.3	62.9	68.6	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 14000	43.7	63.3	69.0	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	44.7	64.5	70.2	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000	45.7	66.3	72.0	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	46.5	67.6	73.5	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	47.1	69.2	75.3	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	47.6	70.2	76.3	80.6	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 6000	48.0	71.0	77.1	81.6	82.4	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
> 5000	48.4	73.5	80.2	84.7	85.6	86.1	86.1	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	49.6	74.3	81.4	85.9	87.5	87.6	87.6	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	50.0	76.3	83.5	88.0	89.8	90.0	90.0	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	51.0	79.2	85.5	90.0	92.0	92.2	92.2	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	51.6	79.0	86.3	90.8	92.7	92.9	92.9	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	51.8	80.0	87.6	92.4	94.3	94.5	94.5	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	51.8	80.2	87.8	92.5	94.5	94.9	94.9	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	51.8	80.4	88.0	92.7	94.7	95.1	95.1	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	51.8	81.0	88.6	93.3	95.3	95.7	95.7	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	51.8	81.2	88.8	93.5	95.5	95.9	95.9	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	51.8	81.6	89.2	94.3	96.3	96.7	96.7	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	51.8	81.6	89.4	95.1	97.3	97.6	97.6	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	51.8	82.0	89.8	95.3	97.6	98.0	98.0	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	51.8	82.0	89.8	95.3	97.8	98.2	98.4	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	51.8	82.0	89.8	95.3	98.0	98.6	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	51.8	82.0	89.8	95.3	98.0	98.6	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	51.8	82.0	89.8	95.3	98.0	98.6	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	51.8	82.0	89.8	95.3	98.0	98.6	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	51.8	82.0	89.8	95.3	98.0	98.6	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	51.8	82.0	89.8	95.3	98.0	98.6	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	51.8	82.0	89.8	95.3	98.0	98.6	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 510

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	≥¼	≥0
NO CEILING	45.6	57.5	62.8	63.6	63.6	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 20000	47.5	60.2	65.9	67.0	67.0	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	47.5	60.5	66.3	67.4	67.4	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 16000	47.5	60.9	66.7	67.8	67.8	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	49.0	62.5	68.2	69.3	69.3	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000	51.0	65.1	70.9	72.0	72.0	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	53.6	67.8	73.6	74.7	74.7	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	55.2	69.7	75.5	76.6	76.6	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	57.5	72.4	78.2	80.1	80.1	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	59.0	74.7	80.5	82.4	82.4	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	59.8	75.5	81.2	83.1	83.1	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	59.8	77.0	82.8	84.7	84.7	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.8	85.8	85.8	85.8
≥ 4500	60.2	77.8	84.3	86.2	86.6	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.7	87.7	87.7	87.7
≥ 4000	60.9	80.1	87.0	88.9	89.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.4	90.4	90.4	90.4
≥ 3500	62.5	82.0	88.9	90.8	91.2	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.3
≥ 3000	62.8	82.4	89.3	91.2	91.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.7	92.7	92.7	92.7
≥ 2500	62.8	82.8	89.7	91.6	92.3	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.5	93.5	93.5	93.5
≥ 2000	62.8	83.1	90.4	92.3	93.1	93.5	93.9	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.3	94.3
≥ 1800	62.8	83.1	90.4	92.3	93.1	93.5	93.9	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.3	94.3
≥ 1500	62.8	83.5	90.8	93.5	94.3	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.4	95.4	95.4	95.4
≥ 1200	63.0	84.3	91.6	94.3	95.0	95.4	95.8	95.8	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2
≥ 1000	63.0	84.7	92.3	95.0	95.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.9	96.9	96.9	96.9
900	63.0	84.7	92.3	95.0	96.0	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7
≥ 800	63.0	84.7	92.3	95.8	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5
≥ 700	63.0	84.7	92.3	95.8	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5
≥ 600	63.0	84.7	92.3	95.8	97.3	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9
≥ 500	63.0	84.7	92.3	95.8	97.3	97.7	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2
≥ 400	63.0	84.7	92.3	95.8	97.3	97.7	98.9	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
≥ 300	63.0	85.1	92.7	96.2	97.7	98.1	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	63.0	85.1	92.7	96.2	97.7	98.1	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	63.0	85.1	92.7	96.2	97.7	98.1	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	63.0	85.1	92.7	96.2	97.7	98.1	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 261

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	28.0	43.3	47.3	50.0	52.9	53.5	53.9	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	30.1	47.6	52.0	54.9	57.8	58.7	59.1	59.6	59.6	59.5	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000	30.1	47.6	52.2	55.2	58.1	59.0	59.4	59.7	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000	30.1	47.7	52.3	55.3	58.2	59.0	59.5	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	30.4	48.0	52.6	55.7	58.7	59.5	59.9	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	31.2	49.4	54.1	57.4	60.7	61.5	62.1	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000	32.4	51.8	56.9	60.7	64.3	65.2	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	32.7	52.4	57.7	61.4	65.1	66.0	66.6	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	33.5	54.8	60.1	64.5	68.4	69.4	70.0	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 7000	34.4	56.3	61.7	66.4	70.3	71.3	72.0	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	35.1	57.1	62.8	67.6	71.5	72.5	73.2	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	35.9	59.1	65.2	70.6	74.8	76.0	76.8	77.2	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	36.3	59.9	66.3	71.7	76.0	77.2	78.1	78.5	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	37.1	61.4	68.0	73.7	78.1	79.4	80.3	80.7	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	38.1	63.2	70.1	75.9	80.4	81.7	82.6	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	39.3	65.4	72.4	78.5	83.2	84.5	85.5	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	39.7	66.5	73.9	80.1	85.0	86.4	87.3	87.8	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	40.3	67.7	75.3	81.9	86.9	88.3	89.4	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800	40.4	67.9	75.5	82.2	87.2	88.6	89.7	90.2	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 1500	40.8	68.8	76.6	83.5	89.0	90.5	91.7	92.2	92.2	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 1200	41.0	69.6	77.7	84.7	90.2	91.9	93.1	93.6	93.6	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1000	41.0	70.1	78.4	85.7	91.6	93.1	94.4	94.9	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	41.0	70.2	78.7	86.1	92.2	93.8	95.1	95.7	95.7	96.0	96.1	96.1	96.1	96.2	96.2	96.2
≥ 800	41.1	70.3	78.9	86.4	92.7	94.6	96.0	96.6	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	41.1	70.3	79.0	86.6	93.0	95.1	96.7	97.3	97.4	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 600	41.1	70.4	79.1	86.7	93.2	95.4	97.1	97.8	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	41.1	70.4	79.1	86.7	93.3	95.8	97.5	98.3	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	41.1	70.4	79.1	86.7	93.3	95.9	97.7	98.5	98.7	99.2	99.4	99.5	99.5	99.6	99.6	99.6
≥ 300	41.1	70.4	79.1	86.8	93.3	95.9	97.8	98.6	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.8
≥ 200	41.1	70.4	79.1	86.8	93.3	95.9	97.8	98.7	98.8	99.4	99.6	99.6	99.7	99.8	99.8	99.9
≥ 100	41.1	70.4	79.1	86.8	93.3	95.9	97.8	98.7	98.8	99.4	99.6	99.7	99.8	99.9	99.9	100.0
≥ 0	41.1	70.4	79.1	86.8	93.3	95.9	97.8	98.7	98.8	99.4	99.6	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3335

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L ST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.9	41.5	44.5	47.2	50.8	51.3	52.4	52.8	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.5
≥ 20000	31.5	44.2	47.6	50.3	54.0	54.6	55.8	56.2	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.9
≥ 18000	31.7	44.4	47.8	50.4	54.2	54.7	56.0	56.4	56.4	56.4	56.7	56.7	56.7	56.7	56.7	57.1
≥ 16000	31.7	44.4	47.8	50.4	54.2	54.7	56.0	56.4	56.4	56.4	56.7	56.7	56.7	56.7	56.7	57.1
≥ 14000	31.8	44.5	47.9	50.6	54.4	54.9	56.4	56.7	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.4
≥ 12000	32.4	45.6	49.4	52.2	56.0	56.5	58.1	58.5	58.5	58.5	58.9	58.9	58.9	58.9	58.9	59.2
≥ 10000	33.5	47.9	52.1	55.1	58.9	59.4	61.0	61.4	61.4	61.5	61.9	61.9	61.9	61.9	61.9	62.3
≥ 9000	33.8	48.3	52.4	55.5	59.2	59.7	61.4	61.7	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.6
≥ 8000	35.8	51.2	55.3	58.7	62.8	63.3	65.1	65.5	65.7	65.8	66.2	66.2	66.2	66.2	66.2	66.5
≥ 7000	36.1	51.9	56.0	59.4	63.9	64.4	66.2	66.9	67.1	67.3	67.6	67.6	67.6	67.6	67.6	68.0
≥ 6000	36.3	52.8	56.9	60.3	64.9	65.5	67.6	68.0	68.3	68.7	69.1	69.1	69.1	69.1	69.2	69.6
≥ 5000	38.2	55.8	59.9	63.5	68.2	68.7	70.8	71.4	71.7	72.3	72.6	72.6	72.8	72.8	73.0	73.3
≥ 4500	38.3	56.0	60.1	63.7	68.3	69.1	71.4	71.9	72.3	72.8	73.2	73.2	73.3	73.3	73.5	73.9
≥ 4000	39.2	58.0	62.1	65.8	70.8	71.6	73.9	74.4	74.8	75.3	75.7	75.7	75.8	75.8	76.0	76.4
≥ 3500	39.4	58.5	62.8	66.5	71.6	72.5	74.8	75.3	75.7	76.2	76.6	76.6	76.7	76.7	76.9	77.3
≥ 3000	39.5	58.9	63.3	67.1	72.1	73.0	75.3	76.0	76.4	76.9	77.3	77.3	77.5	77.5	77.6	78.0
≥ 2500	39.9	59.9	64.6	68.5	73.5	74.4	76.7	77.6	78.0	78.5	78.9	78.9	79.1	79.1	79.2	79.6
≥ 2000	40.4	60.8	65.8	69.9	75.3	76.2	78.5	79.4	79.8	80.3	80.7	80.7	80.9	80.9	81.0	81.4
≥ 1800	40.4	61.0	66.0	70.1	75.5	76.4	78.7	79.6	80.0	80.5	80.9	80.9	81.0	81.0	81.2	81.6
≥ 1500	40.6	61.9	67.1	71.4	76.7	77.6	80.1	81.0	81.4	81.9	82.3	82.3	82.5	82.5	82.6	83.0
≥ 1200	40.6	62.1	67.8	72.3	77.8	78.9	81.6	82.5	82.8	83.4	83.7	83.7	83.9	83.9	84.1	84.4
≥ 1000	40.8	63.1	69.2	73.9	79.4	80.7	83.5	84.6	85.0	85.7	86.0	86.0	86.2	86.2	86.4	86.8
≥ 900	40.8	63.1	69.2	73.9	79.6	81.0	84.1	85.2	85.5	86.2	86.6	86.6	86.8	86.8	86.9	87.3
≥ 800	41.1	63.5	69.8	74.6	80.5	82.3	85.5	86.6	86.9	87.7	88.2	88.2	88.4	88.4	88.6	88.9
≥ 700	41.1	63.5	69.9	75.1	81.4	83.4	86.6	87.8	88.4	89.1	89.6	89.6	89.8	89.8	90.0	90.3
≥ 600	41.1	63.5	69.9	75.1	81.4	83.5	87.1	89.3	90.2	90.9	91.4	91.4	91.6	91.6	91.8	92.1
≥ 500	41.1	63.7	70.3	75.5	81.9	84.6	88.6	91.9	92.8	93.9	94.6	94.6	95.2	95.2	95.3	95.7
≥ 400	41.1	63.7	70.5	75.8	82.3	85.0	89.3	92.8	93.7	95.0	95.7	95.7	96.2	96.2	96.4	97.0
≥ 300	41.1	63.7	70.5	75.8	82.5	85.2	89.4	93.2	94.1	95.5	96.2	96.2	97.0	97.0	97.3	97.7
≥ 200	41.1	63.7	70.5	75.8	82.5	85.2	89.4	93.2	94.1	95.5	96.4	96.4	97.5	97.7	98.2	98.7
≥ 100	41.1	63.7	70.5	75.8	82.5	85.3	89.6	93.4	94.3	95.7	96.6	96.6	97.7	97.9	98.4	99.1
0	41.1	63.7	70.5	75.8	82.5	85.3	89.6	93.4	94.3	95.7	96.6	96.6	97.7	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 559

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (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	28.1	42.5	46.9	49.5	52.3	53.0	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	30.3	45.7	50.4	53.7	56.7	57.5	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	30.3	45.8	50.5	53.8	56.8	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 16000	30.3	45.8	50.5	53.8	56.8	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	30.6	46.5	51.2	54.5	57.5	58.3	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	31.0	47.3	52.0	55.3	58.3	59.1	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 10000	32.1	49.3	54.3	57.6	60.6	61.5	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	32.2	49.6	54.6	57.9	60.9	61.8	62.0	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	33.2	51.5	56.7	60.5	63.6	64.5	64.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 7000	33.7	52.7	57.9	61.7	64.8	65.8	65.9	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	34.6	54.6	59.8	63.9	67.0	67.9	68.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	35.6	56.5	62.2	66.4	69.6	70.5	70.8	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	35.6	56.7	62.5	66.8	70.0	70.9	71.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4000	37.0	59.1	65.1	69.6	72.7	73.6	73.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	37.6	60.3	66.4	71.2	74.6	75.7	76.0	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	38.5	61.8	67.9	72.7	76.1	77.2	77.6	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	39.1	63.0	69.3	74.0	78.0	79.1	79.5	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2000	39.7	64.0	70.2	75.0	78.9	80.0	80.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1800	39.7	64.7	70.9	75.7	79.6	80.7	81.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	40.1	65.8	72.0	77.0	81.3	82.3	82.7	83.7	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1200	40.1	66.4	72.8	78.1	82.5	83.6	84.2	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1000	40.1	67.5	73.9	79.8	84.2	85.3	86.0	87.0	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 900	40.1	67.5	74.0	80.0	84.8	86.1	86.8	87.8	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 800	40.4	68.6	75.3	81.3	86.3	88.5	89.3	90.2	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 700	40.4	68.6	75.4	81.5	86.5	89.5	90.4	91.6	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	40.4	68.6	75.4	81.5	86.5	89.5	90.9	92.4	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500	40.4	68.8	75.5	81.9	87.6	90.6	92.5	94.6	95.0	95.9	96.2	96.5	96.5	96.5	96.5	96.5
≥ 400	40.4	68.9	75.7	82.1	88.0	91.2	93.2	95.5	95.9	97.3	97.6	97.8	98.0	98.0	98.0	98.1
≥ 300	40.4	68.9	75.7	82.1	88.0	91.2	93.3	96.1	96.5	97.8	98.1	98.4	98.9	99.0	99.2	99.3
≥ 200	40.4	68.9	75.7	82.1	88.0	91.2	93.5	96.2	96.6	98.0	98.4	98.6	99.2	99.3	99.7	100.0
≥ 100	40.4	68.9	75.7	82.1	88.0	91.2	93.5	96.2	96.6	98.0	98.4	98.6	99.2	99.3	99.7	100.0
≥ 0	40.4	68.9	75.7	82.1	88.0	91.2	93.5	96.2	96.6	98.0	98.4	98.6	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 736

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.0	47.6	49.7	51.0	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	36.3	53.3	55.5	57.1	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 18000	36.3	53.5	55.8	57.4	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	36.3	53.5	55.8	57.4	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	36.3	54.0	56.2	57.8	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	37.6	55.5	57.7	59.4	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 10000	40.2	58.9	61.4	63.1	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 9000	40.6	59.9	62.4	64.1	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 8000	41.1	62.8	65.5	67.4	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	41.9	64.2	66.9	68.9	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	42.4	65.5	68.4	70.9	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	43.4	66.7	69.6	72.3	73.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	43.6	67.0	70.0	72.7	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	46.0	70.5	73.8	76.6	77.7	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	48.1	73.6	77.5	80.3	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	49.1	74.8	78.6	81.4	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	49.5	76.0	79.9	82.8	84.2	84.5	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	50.3	77.8	81.8	84.9	86.5	86.8	87.1	87.1	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4
≥ 1800	50.5	78.1	82.1	85.2	86.8	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.7
≥ 1500	50.9	79.2	83.4	86.5	88.2	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2
≥ 1200	51.3	80.3	84.6	87.9	89.9	90.2	90.6	90.8	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3
≥ 1000	51.3	80.7	85.2	89.6	92.0	92.5	93.2	93.5	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 900	51.3	80.7	85.2	89.7	92.5	93.1	93.9	94.2	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 800	51.3	80.9	85.3	90.2	93.3	94.0	95.0	95.4	95.7	95.7	95.8	95.8	96.0	96.0	96.0	96.0
≥ 700	51.3	81.0	85.4	90.6	94.0	94.9	95.8	96.3	96.5	96.5	96.7	96.7	96.8	96.8	96.8	96.8
≥ 600	51.5	81.4	85.9	91.0	94.6	95.4	96.5	97.1	97.6	98.2	98.3	98.3	98.5	98.5	98.5	98.5
≥ 500	51.5	81.4	86.0	91.1	94.7	95.7	97.1	97.8	98.3	99.0	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	51.5	81.4	86.0	91.1	94.7	95.8	97.2	97.9	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	51.5	81.6	86.1	91.3	94.9	96.0	97.4	98.2	98.8	99.4	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	51.5	81.6	86.1	91.3	94.9	96.0	97.4	98.2	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	51.5	81.6	86.1	91.3	94.9	96.0	97.4	98.2	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	51.5	81.6	86.1	91.3	94.9	96.0	97.4	98.2	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 721

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	35.9	48.9	50.8	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	40.5	54.8	57.3	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
< 20000	40.6	54.9	57.5	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000	40.6	54.9	57.5	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
< 16000	40.8	55.2	57.8	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
≥ 14000	41.9	56.7	59.2	59.8	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
< 12000	44.0	60.3	63.3	64.0	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	44.6	61.1	64.1	64.8	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
< 9000	45.2	62.9	65.9	66.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000	46.7	65.6	68.6	69.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
< 7000	47.3	66.7	69.7	70.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	48.7	69.2	72.5	73.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
< 5000	49.7	71.1	74.6	75.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	55.4	77.6	81.1	81.9	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
< 4000	56.5	79.7	83.8	84.6	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	57.3	81.4	85.6	86.3	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
< 3000	57.8	84.3	88.4	89.2	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	58.1	85.2	89.8	90.8	92.1	92.1	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
< 2000	58.1	85.2	90.0	91.0	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	58.4	85.6	90.3	91.4	92.7	92.9	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
< 1500	58.4	86.2	91.1	92.2	93.7	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	58.4	86.3	91.3	92.7	94.4	94.8	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
< 1000	58.4	86.3	91.3	92.9	94.8	95.2	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	58.4	86.7	91.6	93.5	95.6	96.2	97.1	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
< 800	58.4	86.7	91.7	93.7	95.7	96.3	97.6	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	58.4	86.8	91.9	93.8	95.9	96.5	97.9	98.1	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9
< 600	58.4	86.8	91.9	93.8	95.9	96.5	98.1	98.4	98.4	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 500	58.4	86.8	91.9	93.8	95.9	96.5	98.1	98.6	98.6	99.5	99.5	99.5	99.7	99.7	99.7	99.7
< 400	58.4	86.8	91.9	93.8	95.9	96.5	98.1	98.6	98.6	99.5	99.5	99.5	99.7	99.7	99.7	99.8
≥ 300	58.4	86.8	91.9	93.8	95.9	96.5	98.1	98.7	98.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0
< 200	58.4	86.8	91.9	93.9	95.9	96.5	98.1	98.7	98.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0
≥ 100	58.4	86.8	91.9	93.9	95.9	96.5	98.1	98.7	98.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0
0	58.4	86.8	91.9	93.9	95.9	96.5	98.1	98.7	98.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 630

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-75 (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	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.3	60.4	62.7	62.8	63.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	54.5	63.0	65.2	65.4	65.6	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	54.5	63.0	65.2	65.4	65.6	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	54.5	63.0	65.2	65.4	65.6	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 14000	55.6	64.1	66.4	66.5	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	56.0	64.9	67.1	67.3	67.5	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	57.1	67.7	69.9	70.1	70.8	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	57.7	68.2	70.4	70.6	71.3	71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	59.0	70.4	72.6	72.8	73.6	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	60.6	72.5	74.9	75.0	75.8	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 6000	62.7	74.7	77.1	77.3	78.0	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	64.1	77.1	80.0	80.2	81.0	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	64.7	79.2	81.3	81.5	82.3	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	66.0	80.4	83.5	83.7	84.5	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	66.5	82.4	86.3	86.5	87.2	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	67.5	84.8	88.7	89.1	89.8	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	67.5	85.8	89.8	90.4	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	68.0	87.2	91.3	91.9	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800	68.0	87.2	91.7	92.2	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	68.2	87.6	92.1	92.8	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	68.4	88.2	92.6	93.3	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	68.6	88.4	93.2	94.1	95.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	68.6	88.4	93.3	94.6	96.3	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	68.6	88.4	93.3	94.9	96.5	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	68.6	88.7	93.7	95.2	96.9	96.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	68.6	88.7	93.7	95.2	96.9	96.9	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	68.6	88.7	93.7	95.2	96.9	96.9	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	68.6	88.7	93.7	95.2	96.9	96.9	98.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	68.6	88.7	93.7	95.2	96.9	96.9	98.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 200	68.6	88.7	93.7	95.2	96.9	96.9	98.3	99.3	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	68.6	88.7	93.7	95.2	96.9	96.9	98.3	99.3	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	68.6	88.7	93.7	95.2	96.9	96.9	98.3	99.3	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 541

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L ST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.2	61.2	64.1	64.1	64.1	64.1	64.8	64.8	64.8	64.8	64.8	64.9	64.8	64.8	64.8	64.8
≥ 20000	56.6	63.3	66.2	66.2	66.2	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	57.7	64.4	67.3	67.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	57.7	64.4	67.3	67.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	58.4	65.1	68.0	68.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	59.4	66.5	69.4	69.4	69.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	61.6	68.7	71.5	71.5	71.9	72.2	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	61.9	69.0	71.9	71.9	72.2	72.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	64.1	72.2	75.1	75.1	75.4	75.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 7000	65.5	73.7	76.5	76.5	76.9	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000	66.9	75.1	77.9	77.9	78.3	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	68.3	76.9	80.8	80.8	81.5	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	68.3	77.2	81.9	81.9	82.6	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	70.1	79.7	84.3	84.3	85.1	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	70.5	80.1	84.7	84.7	85.4	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	71.9	84.0	88.6	88.6	89.3	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	71.9	85.4	90.0	90.0	90.7	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	72.2	86.1	90.7	90.7	91.5	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	72.2	86.1	90.7	90.7	91.5	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	72.2	86.1	90.7	91.5	92.2	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	72.2	86.1	91.1	91.8	92.5	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	73.0	86.8	92.2	94.0	94.7	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	73.0	86.9	92.9	94.7	95.7	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	73.0	87.2	93.2	95.0	96.1	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	73.0	87.2	93.2	95.4	96.4	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	73.0	87.2	93.2	95.4	96.4	96.8	97.9	97.9	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	73.0	87.2	93.2	95.4	96.4	96.8	98.2	98.6	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	73.0	87.2	93.2	95.4	96.4	96.8	98.2	98.6	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	73.0	87.2	93.2	95.4	96.4	96.8	98.2	98.6	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.0	87.2	93.2	95.4	96.4	96.8	98.2	98.6	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.0	87.2	93.2	95.4	96.4	96.8	98.2	98.6	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.0	87.2	93.2	95.4	96.4	96.8	98.2	98.6	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 281

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-76 YEARS | OCT 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	30.8	48.9	51.7	53.0	54.4	54.7	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3
≥ 20000	39.5	52.8	55.9	57.4	58.9	59.2	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
≥ 18000	39.7	53.0	56.1	57.7	59.2	59.5	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 16000	39.7	53.0	56.1	57.7	59.2	59.5	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 14000	40.0	53.6	56.6	58.3	59.8	60.0	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 12000	40.8	54.7	57.9	59.5	61.0	61.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
≥ 10000	42.5	57.5	60.9	62.6	64.3	64.6	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5
≥ 9000	42.9	58.1	61.5	63.2	64.9	65.2	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	44.0	60.5	63.9	65.8	67.7	68.0	68.5	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	44.9	62.1	65.5	67.5	69.4	69.7	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 6000	45.8	63.6	67.1	69.1	71.1	71.5	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6
≥ 5000	47.2	65.7	69.9	71.7	73.7	74.1	74.7	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.3
≥ 4500	47.5	66.3	70.4	72.2	74.6	75.0	75.6	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥ 4000	49.8	69.8	73.8	76.1	78.1	78.5	79.1	79.4	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.8
≥ 3500	50.7	71.4	75.9	78.2	80.4	80.9	81.5	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.2
≥ 3000	51.5	73.0	77.5	79.9	82.1	82.6	83.2	83.5	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.9
≥ 2500	51.9	74.4	79.1	81.6	83.9	84.4	85.0	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.8
≥ 2000	52.4	75.7	80.5	83.0	85.3	86.0	86.7	87.0	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.5
≥ 1800	52.5	75.9	80.9	83.3	85.9	86.7	87.0	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.8	87.8
≥ 1500	52.8	76.6	81.4	84.4	87.1	87.9	88.2	88.5	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.1
≥ 1200	52.9	77.2	82.4	85.3	88.0	88.9	89.4	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.3	90.3
≥ 1000	53.0	77.8	83.1	86.6	89.6	90.2	91.2	91.6	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.3
≥ 900	53.0	77.8	83.2	86.9	90.1	90.8	91.9	92.3	92.5	92.8	92.8	92.8	92.9	92.9	92.9	93.0
≥ 800	53.1	78.2	83.7	87.3	90.5	91.3	92.2	92.7	93.0	93.1	93.2	94.2	94.2	94.3	94.3	94.4
≥ 700	53.1	78.3	83.9	87.8	91.4	92.6	94.0	94.6	94.7	95.0	95.1	95.1	95.2	95.2	95.2	95.3
≥ 600	53.1	78.4	84.0	88.0	91.5	92.8	94.4	95.3	95.6	96.2	96.3	96.3	96.4	96.4	96.4	96.5
≥ 500	53.1	78.5	84.1	88.1	91.6	93.3	95.2	96.5	96.9	97.6	97.8	97.9	98.0	98.0	98.1	98.1
≥ 400	53.1	78.5	84.2	88.2	92.1	93.5	95.5	97.0	97.3	98.2	98.4	98.5	98.7	98.7	98.7	98.8
≥ 300	53.1	78.5	84.2	88.2	92.0	93.5	95.6	97.2	97.6	98.5	98.8	98.9	99.1	99.2	99.3	99.4
≥ 200	53.1	78.5	84.2	88.2	92.1	93.5	95.6	97.3	97.6	98.6	98.9	99.0	99.4	99.5	99.6	99.7
≥ 100	53.1	78.5	84.2	88.2	92.1	93.5	95.6	97.3	97.6	98.6	99.0	99.0	99.4	99.5	99.7	99.9
0	53.1	78.5	84.2	88.2	92.1	93.5	95.6	97.3	97.6	98.6	99.0	99.0	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2471

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	25.4	42.7	44.7	45.9	46.8	46.8	47.1	47.1	47.1	47.1	48.0	48.0	48.0	48.0	48.0	48.6
≥ 20000	26.0	43.4	47.7	48.9	49.8	49.8	50.5	50.5	50.5	50.5	51.4	51.4	51.7	51.7	51.7	52.3
≥ 18000	26.0	44.4	47.7	48.9	49.8	49.8	50.5	50.5	50.5	50.5	51.4	51.4	51.7	51.7	51.7	52.3
≥ 16000	26.0	44.4	47.7	48.9	49.8	49.8	50.5	50.5	50.5	50.5	51.4	51.4	51.7	51.7	51.7	52.3
≥ 14000	26.6	44.4	48.0	49.2	50.2	50.2	50.8	50.8	50.8	50.8	51.7	51.7	52.0	52.0	52.0	52.6
≥ 12000	27.8	45.5	49.5	50.8	51.7	52.0	52.6	52.6	52.6	52.6	53.5	53.5	53.8	53.8	53.8	54.4
≥ 10000	29.0	48.6	52.9	54.4	56.2	56.8	57.4	57.4	57.4	57.4	58.3	58.3	58.6	58.6	58.6	59.2
≥ 9000	29.0	49.2	53.5	55.0	56.8	57.4	58.0	58.0	58.0	58.0	58.9	58.9	59.2	59.2	59.2	59.8
≥ 8000	30.2	52.3	56.8	58.3	60.1	60.7	61.3	61.3	61.3	61.3	62.2	62.2	62.5	62.5	62.5	63.1
≥ 7000	30.8	53.5	58.0	59.5	61.3	61.9	62.5	62.5	62.5	62.5	63.4	63.4	63.7	63.7	63.7	64.4
≥ 6000	31.7	55.9	60.7	62.2	64.0	64.7	65.3	65.3	65.3	65.3	66.2	66.2	66.5	66.5	66.5	67.1
≥ 5000	33.5	59.5	64.4	66.2	68.0	68.6	69.2	69.2	69.2	69.2	70.1	70.1	70.4	70.4	70.4	71.0
≥ 4500	34.4	61.0	65.9	67.7	69.5	70.1	70.7	70.7	70.7	70.7	71.6	71.6	71.9	71.9	71.9	72.5
≥ 4000	36.3	63.1	68.0	71.3	73.1	73.7	74.3	74.3	74.3	74.3	75.2	75.2	75.5	75.5	75.5	76.1
≥ 3500	36.3	63.7	69.2	71.9	73.7	74.3	74.9	74.9	74.9	74.9	75.8	75.8	76.1	76.1	76.1	76.7
≥ 3000	36.6	64.7	70.1	72.8	74.6	75.5	76.1	76.1	76.1	76.1	77.0	77.0	77.3	77.3	77.3	77.9
≥ 2500	37.8	66.5	72.2	75.7	77.5	77.9	78.5	78.5	78.5	78.5	79.5	79.8	80.1	80.1	80.1	80.7
≥ 2000	37.8	66.8	72.2	76.1	78.2	79.2	79.8	79.8	79.8	79.8	80.7	81.0	81.3	81.3	81.3	82.2
≥ 1800	37.8	66.8	72.5	76.1	78.2	79.2	79.8	79.8	79.8	79.8	80.7	81.0	81.3	81.3	81.3	82.5
≥ 1500	38.1	67.4	73.1	77.0	79.2	80.1	80.7	80.7	80.7	80.7	81.6	81.9	82.2	82.2	82.2	83.4
≥ 1200	38.1	67.7	73.4	77.3	80.1	81.0	81.6	81.6	81.6	81.6	82.5	82.8	83.1	83.1	83.1	84.3
≥ 1000	38.1	68.3	74.0	78.9	81.6	82.5	83.1	84.0	84.0	84.0	84.9	85.2	85.5	85.5	85.5	86.7
≥ 900	38.1	68.3	74.6	78.9	81.6	82.5	83.1	84.3	84.3	84.6	85.5	85.8	86.1	86.1	86.1	87.3
≥ 800	38.4	68.6	74.9	79.8	82.5	83.7	84.3	86.1	86.1	86.4	87.3	87.6	87.9	87.9	87.9	89.1
≥ 700	38.4	68.6	74.9	79.8	83.1	84.0	84.6	86.7	86.7	87.3	88.2	88.5	88.8	88.8	88.8	90.3
≥ 600	38.4	69.2	75.8	80.7	84.3	85.8	86.7	89.4	89.4	90.0	90.9	91.2	91.5	91.5	91.5	93.1
≥ 500	38.4	69.2	75.8	81.0	84.6	86.1	87.3	90.3	90.3	91.2	92.1	92.4	92.7	92.7	92.7	94.3
≥ 400	38.4	69.2	75.8	81.6	85.8	87.3	88.5	92.4	92.4	93.4	94.3	94.6	95.2	95.2	95.2	96.7
≥ 300	38.4	69.2	75.8	81.6	85.8	87.3	88.5	93.1	93.1	94.0	95.2	95.5	96.7	96.7	96.7	98.3
≥ 200	38.4	69.2	75.8	81.6	85.8	87.3	88.5	93.1	93.1	94.0	95.2	95.5	96.7	97.3	97.6	99.4
≥ 100	38.4	69.2	75.8	81.6	85.8	87.3	88.5	93.1	93.1	94.0	95.2	95.5	96.7	97.3	97.6	99.4
≥ 0	38.4	69.2	75.8	81.6	85.8	87.3	88.5	93.1	93.1	94.0	95.2	95.5	96.7	97.3	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 331

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) (0-7) (YEARS) JULY (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	29.0	41.6	43.3	44.2	45.8	45.6	46.6	46.4	46.4	46.6	46.6	46.8	46.8	46.8	46.8	46.8
≥ 20000	31.5	46.1	48.2	49.2	50.6	50.8	51.8	51.6	51.6	51.9	51.9	52.1	52.2	52.2	52.2	52.2
≥ 18000	31.6	46.2	48.4	49.4	50.8	50.9	51.9	51.8	51.8	52.1	52.1	52.2	52.4	52.4	52.4	52.4
≥ 16000	31.6	46.2	48.4	49.4	50.8	50.9	51.9	51.8	51.8	52.1	52.1	52.2	52.4	52.4	52.4	52.4
≥ 14000	32.9	47.9	49.9	51.2	52.8	52.9	53.9	53.8	53.8	54.1	54.1	54.2	54.4	54.4	54.4	54.4
≥ 12000	34.0	49.2	51.4	52.6	54.2	54.4	55.4	55.2	55.2	55.5	55.5	55.7	55.8	55.8	55.8	55.8
≥ 10000	36.3	53.1	55.7	57.7	59.5	59.7	60.7	60.5	60.5	60.8	60.8	60.9	61.1	61.1	61.1	61.1
≥ 9000	36.3	53.6	56.2	58.2	60.1	60.2	61.2	61.1	61.1	61.4	61.4	61.5	61.7	61.7	61.7	61.7
≥ 8000	37.9	56.9	59.8	61.9	63.8	63.9	64.9	64.8	64.8	65.1	65.1	65.2	65.4	65.4	65.4	65.4
≥ 7000	38.2	58.3	62.1	64.2	66.1	66.2	67.2	67.1	67.1	67.4	67.4	67.5	67.7	67.7	67.7	67.7
≥ 6000	38.8	60.1	63.4	65.5	67.7	67.8	68.8	68.7	68.7	69.0	69.0	69.1	69.2	69.2	69.2	69.2
≥ 5000	38.8	60.1	63.4	65.5	67.7	67.8	68.8	68.7	68.7	69.0	69.0	69.1	69.2	69.2	69.2	69.2
≥ 4500	41.1	63.4	67.0	69.2	71.5	71.8	72.8	72.8	72.8	73.1	73.1	73.2	73.4	73.4	73.4	73.4
≥ 4000	42.4	65.4	69.1	71.7	74.1	74.2	75.3	75.3	75.3	75.7	75.7	75.8	76.0	76.0	76.0	76.0
≥ 3500	43.6	66.7	70.4	73.1	75.7	76.0	77.0	77.0	77.0	77.4	77.4	77.5	77.7	77.7	77.7	77.7
≥ 3000	44.5	68.4	72.1	75.3	78.4	78.7	79.7	79.7	79.7	80.1	80.1	80.3	80.4	80.4	80.4	80.5
≥ 2500	45.4	69.7	73.7	77.1	80.7	81.1	82.1	82.3	82.3	82.8	82.8	83.0	83.1	83.1	83.1	83.3
≥ 2000	45.4	70.2	74.4	77.8	81.4	81.8	82.8	83.0	83.0	83.5	83.5	83.7	83.8	83.8	83.8	84.0
≥ 1800	45.4	70.2	74.4	77.9	81.4	81.8	82.8	83.0	83.0	83.5	83.5	83.7	83.8	83.8	83.8	84.0
≥ 1500	45.5	70.7	75.0	78.5	82.1	82.5	83.5	83.7	83.7	84.3	84.3	84.4	84.5	84.5	84.5	84.7
≥ 1200	45.5	71.4	75.7	79.3	83.0	83.4	84.5	84.7	84.7	85.3	85.3	85.4	85.6	85.6	85.6	85.7
≥ 1000	45.5	72.0	76.5	80.1	84.0	84.5	85.8	86.1	86.1	86.7	86.7	86.8	87.0	87.0	87.0	87.1
≥ 900	45.5	72.1	76.7	80.3	84.1	84.7	86.1	86.4	86.4	87.0	87.0	87.1	87.3	87.3	87.3	87.4
≥ 800	45.5	72.1	77.1	80.7	84.5	85.4	86.0	87.4	87.4	88.0	88.0	88.1	88.3	88.3	88.3	88.4
≥ 700	45.5	72.4	77.7	81.4	86.0	87.1	88.3	89.7	89.7	90.3	90.3	90.4	90.6	90.6	90.7	90.9
≥ 600	45.5	72.4	78.0	81.8	86.4	87.7	89.1	91.0	91.4	92.0	92.0	92.1	92.3	92.3	92.4	92.6
≥ 500	45.5	72.4	78.1	82.0	86.7	88.7	90.7	93.1	93.6	94.3	94.4	94.6	94.7	94.7	94.8	95.0
≥ 400	45.5	72.4	78.1	82.0	87.3	89.3	91.3	94.0	94.6	95.9	96.0	96.2	97.3	97.3	97.4	97.5
≥ 300	45.5	72.4	78.1	82.1	87.6	89.6	91.6	94.4	95.0	96.4	96.9	97.1	97.9	97.9	98.0	98.4
≥ 200	45.5	72.4	78.1	82.1	87.6	89.6	91.7	94.7	95.3	96.7	97.3	97.4	98.4	98.4	98.6	99.9
≥ 100	45.5	72.4	78.1	82.1	87.6	89.6	91.7	94.7	95.3	96.7	97.3	97.6	98.4	98.4	98.7	100.0
0	45.5	72.4	78.1	82.1	87.6	89.6	91.7	94.7	95.3	96.7	97.3	97.6	98.4	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 699

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	33.2	41.3	41.8	42.8	43.2	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	35.7	45.4	46.0	47.0	47.7	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 18000	35.7	45.7	46.4	47.4	48.1	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 16000	35.7	45.7	46.4	47.4	48.1	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 14000	36.4	47.3	48.1	49.1	49.9	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000	37.7	49.3	50.1	51.2	51.9	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	39.9	53.8	54.8	56.4	57.4	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 9000	40.5	54.6	55.6	57.4	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	42.9	58.4	59.7	61.8	62.9	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	43.1	58.8	60.1	62.3	63.4	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 6000	44.1	60.5	61.8	64.0	65.2	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	45.9	62.6	64.3	66.9	68.1	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	47.5	65.3	67.1	69.7	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	51.3	69.4	71.2	73.8	75.2	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	54.2	72.8	74.9	77.5	79.3	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	55.3	74.9	77.2	80.1	81.9	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500	55.6	75.9	78.5	81.4	83.2	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	55.9	76.7	79.3	82.4	84.4	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	55.9	76.9	79.5	82.7	84.7	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	55.9	77.7	80.5	84.1	86.3	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	55.9	78.0	80.8	84.7	87.0	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	55.9	78.0	80.9	85.0	87.4	88.4	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	55.9	78.0	80.8	85.0	87.7	88.7	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	55.9	78.2	80.9	85.7	88.7	90.0	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 700	55.9	78.2	81.1	86.0	89.7	91.3	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	55.9	78.2	81.2	86.4	90.9	93.4	94.2	94.9	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	55.9	78.2	81.2	86.4	90.9	93.6	94.9	96.0	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	55.9	78.2	81.2	86.4	90.9	93.8	95.2	96.5	96.5	97.3	98.0	98.0	98.1	98.1	98.1	98.1
≥ 300	56.1	78.3	81.4	86.6	91.2	94.1	95.5	97.1	97.1	98.0	98.7	98.7	99.0	99.1	99.1	99.1
≥ 200	56.1	78.3	81.4	86.6	91.2	94.1	95.5	97.1	97.1	98.0	98.8	98.8	99.3	99.4	99.4	99.6
≥ 100	56.1	78.3	81.4	86.6	91.2	94.1	95.5	97.1	97.1	98.0	98.8	98.8	99.3	99.4	99.4	99.9
0	56.1	78.3	81.4	86.6	91.2	94.1	95.5	97.1	97.1	98.0	98.8	98.8	99.3	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 692

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.4	43.3	44.2	45.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	42.0	49.3	50.4	51.2	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	42.2	49.6	50.7	51.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 16000	42.2	49.6	50.7	51.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	42.8	50.7	51.8	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 12000	44.1	52.9	54.0	54.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000	45.7	57.3	58.8	60.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	46.6	58.6	60.0	61.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	49.0	61.3	62.9	64.8	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	49.8	63.0	64.6	66.5	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	50.7	64.8	66.4	68.7	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 5000	51.7	66.8	68.4	70.9	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	53.9	69.5	71.2	73.8	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	57.2	72.8	74.6	77.1	79.1	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500	58.5	74.7	76.5	79.0	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	59.6	76.3	78.0	80.6	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	60.0	77.9	80.1	82.8	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	60.2	78.7	81.2	83.9	86.6	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	60.2	78.7	81.4	84.0	86.7	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	60.8	79.5	82.1	85.2	88.3	88.5	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	60.8	79.5	82.1	85.3	88.8	88.9	89.6	89.7	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	61.0	79.6	82.8	85.9	89.4	89.6	90.2	90.5	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	61.0	79.9	83.1	86.6	90.0	90.2	91.0	91.3	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8
≥ 800	61.0	79.9	83.4	86.9	90.7	91.0	91.9	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	61.0	79.9	83.6	87.0	91.0	91.3	92.4	92.7	92.9	93.0	93.4	93.4	93.5	93.5	93.5	93.5
≥ 600	61.0	80.1	83.7	87.4	91.3	91.8	93.0	93.4	93.5	94.0	94.5	94.5	94.6	94.6	94.6	94.6
≥ 500	61.0	80.1	83.7	87.4	91.3	92.3	93.8	95.1	95.3	96.2	96.7	96.7	96.8	96.8	96.8	96.8
≥ 400	61.0	80.1	83.7	87.4	91.3	92.3	94.8	96.4	96.5	97.9	98.4	98.4	98.6	98.6	98.6	98.7
≥ 300	61.0	80.1	83.7	87.5	91.5	92.4	94.9	96.5	96.7	98.1	98.6	98.6	98.7	98.7	98.9	99.2
≥ 200	61.0	80.1	83.7	87.5	91.5	92.4	94.9	96.5	96.7	98.1	98.9	98.9	99.2	99.2	99.4	99.8
≥ 100	61.0	80.1	83.7	87.5	91.5	92.4	94.9	96.5	96.7	98.1	98.9	98.9	99.2	99.2	99.4	100.0
0	61.0	80.1	83.7	87.5	91.5	92.4	94.9	96.5	96.7	98.1	98.9	98.9	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 633

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.1	50.6	51.2	51.2	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	48.4	54.9	55.5	55.5	55.9	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	48.8	55.3	55.9	55.9	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	48.8	55.3	55.9	55.9	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	49.2	56.3	56.9	56.9	57.3	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	50.8	58.4	59.0	59.0	59.4	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 10000	53.5	62.7	63.5	63.9	64.5	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	53.7	62.9	63.7	64.1	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 8000	55.5	65.3	66.5	67.1	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	56.7	66.9	68.2	69.0	69.6	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	58.4	68.8	70.0	70.8	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 5000	60.2	70.6	72.0	72.9	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4500	61.0	71.4	72.9	73.7	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	63.7	75.3	76.7	78.0	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500	65.1	77.1	78.6	79.8	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	66.1	79.2	81.0	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
≥ 2500	67.3	80.6	83.1	84.5	85.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	69.2	81.8	85.1	86.5	87.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	68.2	81.8	85.3	86.7	88.0	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500	68.4	82.9	86.5	88.2	89.4	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	68.4	82.9	86.5	88.2	89.4	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	68.6	83.1	86.7	88.6	90.2	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	68.6	83.1	86.7	88.6	90.4	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	68.6	83.1	86.7	89.2	91.2	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	68.6	83.1	86.7	89.2	91.2	92.2	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	68.6	83.1	86.7	89.4	91.6	92.9	93.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 500	68.6	83.1	87.1	90.0	92.4	93.9	94.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	68.6	83.1	87.1	90.0	92.4	93.9	94.7	96.5	96.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	68.6	83.1	87.1	90.0	92.4	93.9	94.7	96.5	96.5	98.2	98.6	98.6	99.0	99.0	99.0	99.0
≥ 200	68.6	83.1	87.1	90.0	92.4	93.9	94.7	96.5	96.5	98.2	98.8	98.8	99.2	99.2	99.2	99.6
≥ 100	68.6	83.1	87.1	90.0	92.4	93.9	94.7	96.5	96.5	98.2	98.8	98.8	99.2	99.2	99.2	99.8
0	68.6	83.1	87.1	90.0	92.4	93.9	94.7	96.5	96.5	98.2	98.8	98.8	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS ... 490

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.7	55.0	55.7	56.2	56.4	56.4	56.4	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	52.5	57.9	58.7	59.2	59.4	59.4	59.4	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	53.2	59.7	59.4	59.9	60.1	60.1	60.1	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	53.2	58.7	59.4	59.9	60.1	60.1	60.1	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	54.0	59.7	60.4	60.9	61.1	61.1	61.1	61.4	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	54.0	59.7	60.4	60.9	61.1	61.1	61.1	61.4	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	58.2	65.3	66.8	67.3	67.6	67.6	67.6	67.8	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	58.2	65.3	66.8	67.3	67.6	67.6	67.6	67.8	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	59.9	67.1	68.6	69.1	69.3	69.3	69.3	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	60.6	68.3	69.8	70.3	70.5	70.5	70.5	70.8	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	62.6	70.5	72.0	72.5	72.8	72.8	72.8	73.0	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	63.6	72.3	74.0	74.5	74.8	74.8	74.8	75.0	75.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	64.1	72.8	74.5	75.0	75.2	75.2	75.2	75.5	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	66.8	76.0	78.0	78.5	78.7	78.7	78.7	79.0	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500	66.8	76.0	78.0	78.5	78.7	78.7	78.7	79.0	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3000	68.8	78.5	80.7	81.2	81.4	81.4	81.4	81.7	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	70.3	80.0	82.2	82.9	83.2	83.2	83.2	83.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	70.3	80.0	82.7	83.4	83.7	83.7	83.7	83.9	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	70.3	80.0	82.9	83.7	83.9	83.9	83.9	84.2	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	71.0	80.9	83.9	85.1	85.4	85.4	85.4	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1200	71.0	81.9	84.9	86.4	86.6	86.6	86.6	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	71.3	82.7	85.6	87.1	87.6	87.6	87.9	88.1	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	71.3	82.7	85.6	87.1	87.6	87.6	87.9	88.1	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	71.3	82.7	85.6	87.4	88.1	88.1	88.9	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 700	71.5	82.9	86.4	88.6	90.1	90.1	90.8	91.1	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	71.5	82.9	86.4	88.6	90.8	90.8	92.3	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 500	71.5	83.2	86.9	89.1	91.6	91.6	93.8	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	71.5	83.2	86.9	89.1	91.6	91.6	94.1	95.3	95.3	96.8	96.8	96.8	97.0	97.0	97.0	97.0
≥ 300	71.5	83.2	86.9	89.1	91.6	92.1	94.6	96.3	96.5	98.3	98.3	98.3	98.5	98.5	99.0	99.0
≥ 200	71.5	83.2	86.9	89.1	91.6	92.1	94.6	96.3	96.5	98.8	98.8	98.8	99.3	99.3	100.0	100.0
≥ 100	71.5	83.2	86.9	89.1	91.6	92.1	94.6	96.3	96.5	98.8	98.8	98.8	99.3	99.3	100.0	100.0
0	71.5	83.2	86.9	89.1	91.6	92.1	94.6	96.3	96.5	98.8	98.8	98.8	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 404

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.3	45.0	46.0	46.8	47.5	47.6	47.6	47.9	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1
≥ 20000	39.1	49.2	50.5	51.3	52.1	52.2	52.3	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.9
≥ 18000	39.3	49.5	50.8	51.6	52.4	52.6	52.7	52.9	52.9	53.0	53.1	53.1	53.2	53.2	53.2	53.2
≥ 16000	39.3	49.5	50.8	51.6	52.4	52.6	52.7	52.9	52.9	53.0	53.1	53.1	53.2	53.2	53.2	53.2
≥ 14000	40.0	50.7	52.1	52.9	53.8	53.9	54.0	54.2	54.2	54.4	54.4	54.5	54.5	54.5	54.5	54.6
≥ 12000	41.2	52.3	53.7	54.5	55.4	55.6	55.6	55.9	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.3
≥ 10000	43.5	56.6	58.4	59.6	60.9	61.1	61.2	61.4	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.8
≥ 9000	43.8	57.2	59.0	60.3	61.6	61.7	61.8	62.1	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.4
≥ 8000	45.7	60.1	62.2	63.8	65.0	65.3	65.3	65.6	65.6	65.7	65.8	65.8	65.9	65.9	65.9	66.0
≥ 7000	46.2	61.5	63.6	65.3	66.7	66.9	67.0	67.2	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.6
≥ 6000	47.4	63.3	65.4	67.2	68.6	68.8	68.9	69.2	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.5
≥ 5000	48.8	65.4	67.7	69.6	71.0	71.2	71.3	71.6	71.6	71.7	71.8	71.9	71.9	71.9	71.9	72.0
≥ 4500	50.1	67.1	69.5	71.4	72.9	73.1	73.3	73.5	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.9
≥ 4000	52.9	70.3	72.8	74.9	76.5	76.7	76.9	77.1	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5
≥ 3500	54.1	72.0	74.6	76.7	78.4	78.7	78.8	79.1	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.5
≥ 3000	55.2	73.8	76.5	78.9	80.8	81.0	81.2	81.5	81.5	81.6	81.7	81.7	81.8	81.8	81.8	81.9
≥ 2500	56.0	75.2	78.3	80.8	82.7	83.0	83.2	83.5	83.5	83.7	83.8	83.8	83.9	83.9	83.9	84.0
≥ 2000	56.3	75.9	79.2	81.8	84.0	84.4	84.5	84.9	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.4
≥ 1800	56.3	75.9	79.3	82.0	84.1	84.5	84.7	85.0	85.0	85.2	85.3	85.4	85.4	85.4	85.4	85.6
≥ 1500	56.6	76.7	80.2	83.1	85.4	85.9	86.1	86.5	86.5	86.7	86.8	86.9	86.9	86.9	86.9	87.0
≥ 1200	56.6	77.0	80.6	83.6	86.1	86.6	86.9	87.3	87.3	87.5	87.6	87.7	87.8	87.8	87.8	87.9
≥ 1000	56.7	77.4	81.1	84.3	86.9	87.5	87.9	88.4	88.5	88.7	88.8	88.9	88.9	88.9	88.9	89.1
≥ 900	56.7	77.5	81.2	84.5	87.2	87.8	88.2	88.8	88.8	89.0	89.2	89.2	89.3	89.3	89.3	89.4
≥ 800	56.7	77.5	81.4	85.0	87.9	88.7	89.3	90.0	90.0	90.2	90.4	90.4	90.5	90.5	90.5	90.6
≥ 700	56.7	77.6	81.7	85.4	88.8	89.7	90.5	91.2	91.2	91.5	91.7	91.8	91.8	91.8	91.9	92.1
≥ 600	56.7	77.7	81.9	85.7	89.4	90.7	91.7	92.8	92.9	93.3	93.5	93.6	93.7	93.7	93.7	93.9
≥ 500	56.7	77.7	82.1	86.0	89.8	91.3	92.8	94.4	94.6	95.2	95.4	95.5	95.6	95.6	95.6	95.8
≥ 400	56.7	77.7	82.1	86.0	90.0	91.6	93.4	95.4	95.6	96.7	97.2	97.3	97.6	97.6	97.6	97.8
≥ 300	56.8	77.8	82.1	86.1	90.2	91.8	93.7	95.8	96.0	97.2	97.6	97.9	98.4	98.4	98.6	98.9
≥ 200	56.8	77.8	82.1	86.1	90.2	91.8	93.7	95.9	96.1	97.4	98.2	98.2	98.9	98.9	99.1	99.7
≥ 100	56.8	77.8	82.1	86.1	90.2	91.8	93.7	95.9	96.1	97.4	98.2	98.2	98.9	98.9	99.1	99.7
0	56.8	77.8	82.1	86.1	90.2	91.8	93.7	95.9	96.1	97.4	98.2	98.2	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3249

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L ST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.0	44.9	44.9	45.6	46.2	46.2	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	40.2	49.1	49.1	49.7	50.6	50.6	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	40.5	49.4	49.4	50.0	50.9	50.9	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	40.5	49.4	49.4	50.0	50.9	50.9	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000	40.8	49.7	49.7	50.3	51.3	51.3	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 12000	42.4	51.6	51.6	52.5	53.5	53.5	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 10000	44.9	55.1	56.0	57.0	57.9	57.9	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	45.6	55.7	56.6	57.6	58.5	58.5	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 8000	47.8	59.2	60.4	61.4	62.3	62.3	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 7000	48.7	60.4	61.7	62.7	63.6	63.6	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 6000	50.9	62.7	63.9	64.9	65.8	65.8	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	53.5	66.5	68.4	70.3	71.2	71.2	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	54.7	68.0	69.9	71.8	72.8	72.8	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	56.3	70.9	72.8	74.7	76.3	76.3	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	57.3	72.2	74.4	76.6	78.2	78.2	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	57.6	72.5	75.3	77.5	79.4	79.4	80.4	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	58.2	73.4	77.5	80.1	82.3	82.3	83.2	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	58.2	73.4	78.2	80.7	83.2	83.2	84.2	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	58.2	74.1	78.8	81.3	84.2	84.2	85.1	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	58.5	75.3	80.7	83.2	86.1	86.1	87.0	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	58.5	75.3	80.7	83.2	86.1	86.4	87.7	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	58.9	76.6	82.0	84.5	87.7	88.0	89.2	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900	58.9	76.6	82.0	84.5	87.7	88.0	89.2	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 800	58.9	76.6	82.6	85.4	88.9	89.2	90.8	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	58.9	76.6	82.9	85.8	89.6	90.2	91.8	92.1	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	58.9	76.9	83.2	86.1	89.9	90.5	92.1	92.4	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 500	58.9	76.9	83.5	86.4	90.2	90.8	92.7	93.7	94.3	95.9	96.2	96.5	96.5	96.5	96.5	96.5
≥ 400	58.9	76.9	83.5	86.4	90.2	90.8	92.7	94.0	94.6	96.2	96.5	96.8	96.8	96.8	97.2	97.2
≥ 300	58.9	76.9	83.5	86.4	90.2	90.8	92.7	94.0	94.6	96.2	97.2	97.5	97.5	97.5	97.8	97.8
≥ 200	58.9	76.9	83.5	86.4	90.2	90.8	92.7	94.0	94.6	96.2	97.2	97.5	97.5	97.5	97.8	98.1
≥ 100	58.9	76.9	83.5	86.4	90.2	90.8	92.7	94.0	94.6	96.2	97.2	97.5	97.5	97.8	98.1	98.7
≥ 0	58.9	76.9	83.5	86.4	90.2	90.8	92.7	94.0	94.6	96.2	97.2	97.5	97.5	97.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 316

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L ST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.4	41.6	42.2	42.6	43.0	43.0	43.2	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5
≥ 20000	35.9	46.2	47.3	47.6	48.0	48.3	48.5	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8
≥ 18000	36.0	46.4	47.4	47.7	48.2	48.5	48.6	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9
≥ 16000	36.0	46.4	47.4	47.7	48.2	48.5	48.6	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9
≥ 14000	36.8	47.4	48.5	48.8	49.2	49.5	49.7	49.8	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0
≥ 12000	38.4	49.2	50.3	50.6	51.1	51.4	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8
≥ 10000	40.7	53.3	54.7	55.3	55.8	56.1	56.2	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.7
≥ 9000	41.5	54.3	55.6	56.2	56.8	57.4	57.6	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.1
≥ 8000	43.0	57.3	58.8	59.6	60.2	60.8	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.4
≥ 7000	43.8	58.8	60.3	61.4	62.0	62.6	62.8	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.2
≥ 6000	45.0	60.9	62.3	63.4	64.0	64.6	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.2
≥ 5000	46.7	64.7	66.7	68.1	68.8	69.5	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.1
≥ 4500	47.6	66.0	67.9	69.3	70.1	70.7	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.3
≥ 4000	50.3	71.3	73.7	75.2	76.0	76.6	76.7	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.2
≥ 3500	51.2	72.3	74.8	76.7	77.5	78.4	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.2
≥ 3000	51.7	73.4	76.3	78.4	79.3	80.4	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.2
≥ 2500	52.0	74.8	77.7	79.9	80.9	82.1	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	83.0
≥ 2000	52.0	75.2	78.4	80.7	81.8	83.1	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.2
≥ 1800	52.0	75.4	78.6	80.9	81.9	83.3	83.7	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.3
≥ 1500	52.0	75.7	79.0	81.3	82.5	84.0	84.5	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.1
≥ 1200	52.0	76.6	79.9	82.4	83.6	85.1	85.7	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.5
≥ 1000	52.0	76.7	80.4	83.0	84.3	86.2	87.1	87.4	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.8
≥ 900	52.1	77.1	80.7	83.3	84.7	86.8	87.4	87.7	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.1
≥ 800	52.1	77.5	81.3	83.9	85.2	88.1	89.2	89.5	89.5	89.7	90.1	90.1	90.1	90.1	90.1	90.2
≥ 700	52.3	77.6	81.9	84.7	87.1	89.2	90.3	90.9	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.9
≥ 600	52.3	77.8	81.9	84.7	87.1	89.2	90.7	91.9	92.2	92.6	93.2	93.2	93.3	93.3	93.3	93.5
≥ 500	52.3	77.8	82.2	85.0	87.5	89.7	91.8	93.2	93.5	94.1	95.3	95.3	95.4	95.4	95.4	95.6
≥ 400	52.3	77.8	82.2	85.0	87.5	89.8	92.1	93.6	94.1	95.0	96.4	96.4	96.8	96.8	96.8	97.0
≥ 300	52.3	77.8	82.2	85.0	87.5	90.0	92.2	93.8	94.2	95.4	97.0	97.1	97.7	97.7	97.7	97.9
≥ 200	52.3	77.8	82.2	85.0	87.5	90.0	92.2	93.8	94.2	95.4	97.0	97.1	97.7	97.7	98.0	98.6
≥ 100	52.3	77.8	82.2	85.0	87.5	90.0	92.2	93.8	94.2	95.4	97.0	97.1	97.7	97.7	98.2	99.2
0	52.3	77.8	82.2	85.0	87.5	90.0	92.2	93.8	94.2	95.4	97.0	97.1	97.7	97.7	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 658

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1600 (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	34.1	41.8	42.6	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	37.2	46.5	47.7	48.2	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 18000	37.8	47.1	48.4	48.8	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 16000	37.9	47.3	48.5	49.0	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 14000	38.6	48.1	49.3	49.8	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 12000	39.5	49.9	51.2	51.8	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 10000	42.1	54.0	55.8	56.5	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 9000	42.5	54.4	56.3	56.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 8000	43.4	56.3	58.2	59.1	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 7000	44.3	57.4	59.3	60.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000	44.9	58.5	60.5	61.(	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 5000	47.9	63.0	65.2	66.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	49.9	65.8	68.0	69.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4000	53.2	70.9	73.3	74.8	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	54.4	73.1	75.4	77.1	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	55.5	74.5	76.8	78.5	79.8	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	56.5	75.6	78.1	79.9	81.3	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	56.8	76.7	79.3	81.3	83.4	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	56.9	76.8	79.5	81.5	83.5	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	56.9	77.3	80.1	82.1	84.3	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200	57.1	77.6	80.6	82.6	85.4	85.8	86.0	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	57.1	77.8	80.9	83.0	86.2	86.8	87.1	87.2	87.2	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	57.1	77.8	80.9	83.0	86.3	86.9	87.2	87.4	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800	57.1	78.2	81.8	84.0	87.4	88.2	89.0	89.1	89.1	89.7	90.2	90.2	90.2	90.2	90.2	90.2
≥ 700	57.1	78.4	82.3	84.4	87.9	88.6	89.4	89.6	89.6	90.4	90.8	90.8	90.8	90.8	90.8	90.8
≥ 600	57.1	78.4	82.4	84.9	88.3	89.3	90.4	91.0	91.0	91.8	92.4	92.4	92.5	92.5	92.5	92.5
≥ 500	57.1	78.4	82.6	85.1	89.0	90.0	91.3	92.4	92.4	93.6	94.4	94.4	94.9	94.9	94.9	94.9
≥ 400	57.1	78.7	82.9	85.4	89.3	90.7	92.2	93.5	93.8	95.3	96.3	96.3	97.2	97.2	97.2	97.2
≥ 300	57.1	78.7	82.9	85.4	89.3	90.7	92.4	93.8	94.1	96.1	97.2	97.2	98.3	98.4	98.4	98.4
≥ 200	57.1	78.7	82.9	85.4	89.3	90.7	92.4	93.8	94.1	96.3	97.4	97.4	98.6	98.8	98.9	99.4
≥ 100	57.1	78.7	82.9	85.4	89.3	90.7	92.4	93.8	94.1	96.3	97.4	97.4	98.6	98.9	99.1	99.8
0	57.1	78.7	82.9	85.4	89.3	90.7	92.4	93.8	94.1	96.3	97.4	97.4	98.6	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 643

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-74 (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	39.3	43.5	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000	43.3	49.2	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 18000	43.7	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 16000	43.7	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	45.0	50.9	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 12000	47.0	53.3	54.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000	50.1	57.8	59.0	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	50.3	58.0	59.2	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 8000	51.6	60.9	62.1	62.9	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000	52.8	63.7	65.1	65.9	66.4	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	53.8	64.9	66.3	67.1	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5000	57.3	69.3	71.1	71.8	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4500	60.4	72.5	74.4	75.2	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	61.9	74.5	76.4	77.6	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3500	62.6	75.5	77.4	78.8	79.4	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	63.2	76.6	78.4	79.9	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	63.9	77.9	79.9	81.6	83.1	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	64.2	78.4	80.4	82.1	83.6	84.1	84.3	84.3	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	64.2	78.6	80.6	82.3	84.0	84.5	84.7	84.7	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	64.2	78.9	80.9	82.6	84.7	85.2	85.3	85.3	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	64.2	79.1	81.1	82.8	84.8	85.3	85.5	85.5	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1000	64.2	79.6	81.8	83.5	86.2	86.7	87.0	87.0	87.2	88.0	88.2	88.2	88.2	88.2	88.2	88.2
≥ 900	64.6	79.9	82.3	84.1	86.8	87.4	87.7	87.7	87.9	88.7	89.0	89.0	89.4	89.4	89.4	89.4
≥ 800	64.6	80.6	83.1	85.2	88.4	88.9	89.2	89.2	89.4	90.2	90.6	90.5	90.9	90.9	90.9	90.9
≥ 700	64.6	80.8	83.3	85.3	88.9	89.4	89.9	90.2	90.4	91.2	91.6	91.6	91.9	91.9	91.9	91.9
≥ 600	64.6	80.8	83.3	85.3	89.4	90.1	90.6	90.9	91.1	91.9	92.4	92.4	92.9	92.9	93.1	93.3
≥ 500	64.6	80.8	83.3	85.3	89.7	90.4	91.1	91.7	92.1	93.8	94.6	94.6	95.3	95.3	95.4	95.6
≥ 400	64.6	81.1	83.6	85.8	90.2	91.1	92.1	92.9	93.3	95.3	96.3	96.3	97.0	97.0	97.1	97.3
≥ 300	64.6	81.1	83.6	85.8	90.2	91.1	92.1	92.9	93.3	95.8	97.6	97.6	98.7	98.7	98.8	99.0
≥ 200	64.6	81.1	83.6	85.8	90.2	91.1	92.1	92.9	93.3	95.8	98.0	98.3	99.3	99.3	99.5	99.7
≥ 100	64.6	81.1	83.6	85.8	90.2	91.1	92.1	92.9	93.3	95.8	98.0	98.3	99.3	99.3	99.5	100.0
0	64.6	81.1	83.6	85.8	90.2	91.1	92.1	92.9	93.3	95.8	98.0	98.3	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 593

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR N.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	48.6	53.5	53.7	53.7	53.9	53.9	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	51.4	57.6	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	51.4	57.6	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	51.4	57.6	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000	52.3	58.5	58.7	58.7	59.1	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	55.4	62.0	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	59.1	66.5	66.7	66.7	67.1	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 9000	59.5	66.9	67.1	67.1	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	62.2	70.2	70.7	70.7	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	64.7	72.7	73.1	73.1	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	65.3	73.8	74.2	74.2	75.0	75.0	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 5000	69.2	78.3	78.9	78.9	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	69.8	78.9	79.5	79.5	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	70.5	80.0	80.8	80.8	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	71.5	81.4	82.2	82.2	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	72.1	82.0	83.5	83.5	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	72.7	83.1	84.7	84.7	85.5	85.5	85.5	85.5	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	72.9	83.3	84.9	84.9	86.0	86.0	86.0	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	72.9	83.3	84.9	84.9	86.0	86.0	86.0	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	73.6	84.3	86.4	86.8	88.4	88.4	88.4	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	74.0	85.1	87.4	87.8	89.5	89.5	89.5	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	74.2	85.5	87.8	88.4	90.7	90.7	90.7	90.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	74.2	85.5	87.8	88.4	90.7	90.7	90.7	90.7	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800	74.2	85.5	88.0	88.6	91.3	91.5	91.7	91.7	92.1	92.8	92.8	92.9	92.8	92.8	92.8	92.8
≥ 700	74.2	85.5	88.0	88.8	91.5	91.9	92.1	92.1	92.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	74.2	85.5	88.0	88.8	91.5	91.9	92.6	92.6	93.0	93.6	94.0	94.0	94.2	94.2	94.2	94.2
≥ 500	74.2	85.5	88.0	88.8	91.7	92.4	93.8	94.0	94.4	95.2	95.7	95.7	96.1	96.1	96.1	96.1
≥ 400	74.2	85.5	88.0	88.8	91.7	92.6	94.2	94.6	95.0	95.9	96.5	96.5	97.1	97.1	97.1	97.1
≥ 300	74.2	85.5	88.0	88.8	91.7	92.6	94.2	94.6	95.0	95.9	97.3	97.3	98.1	98.3	98.3	98.3
≥ 200	74.2	85.5	88.0	88.8	91.7	92.6	94.2	94.6	95.0	96.1	97.9	97.9	99.0	99.2	99.2	99.4
≥ 100	74.2	85.5	88.0	88.8	91.7	92.6	94.2	94.6	95.0	96.3	98.1	98.1	99.4	99.6	99.6	99.8
0	74.2	85.5	88.0	88.8	91.7	92.6	94.2	94.6	95.0	96.3	98.1	98.1	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 484

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.7	54.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.5	56.5	56.5	56.7	56.7	56.7	56.7
≥ 20000	55.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	59.0	59.0	59.0	59.0
≥ 18000	55.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	59.0	59.0	59.0	59.0
≥ 16000	55.2	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.2	59.2	59.2	59.2
≥ 14000	55.7	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.5	59.5	59.5	59.7	59.7	59.7	59.7
≥ 12000	58.7	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.8	62.8	62.8	63.0	63.0	63.0	63.0
≥ 10000	63.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6	67.8	67.8	67.8	67.8
≥ 9000	64.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.9	68.9	68.9	68.9
≥ 8000	66.3	70.9	71.1	71.1	71.6	71.6	71.6	71.6	71.6	71.9	71.9	71.9	72.2	72.2	72.2	72.2
≥ 7000	67.6	72.2	72.4	72.4	72.9	72.9	72.9	72.9	72.9	73.2	73.2	73.2	73.4	73.4	73.4	73.4
≥ 6000	69.6	74.4	74.9	74.9	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.9	75.9	75.9	75.9
≥ 5000	74.7	78.0	78.7	78.7	79.2	79.2	79.2	79.2	79.2	79.5	79.5	79.5	79.7	79.7	79.7	79.7
≥ 4500	72.7	78.0	78.7	78.7	79.2	79.2	79.2	79.2	79.2	79.5	79.5	79.5	79.7	79.7	79.7	79.7
≥ 4000	73.2	79.2	80.0	80.3	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.8	81.8	81.8	81.8
≥ 3500	74.4	81.0	81.8	82.0	83.0	83.0	83.3	83.3	83.3	83.5	83.5	83.5	83.8	83.8	83.8	83.8
≥ 3000	74.7	81.8	82.5	82.8	83.8	83.8	84.1	84.1	84.1	84.3	84.3	84.3	84.6	84.6	84.6	84.6
≥ 2500	75.2	82.8	84.1	84.6	85.6	85.6	85.8	85.8	85.8	86.1	86.1	86.1	86.3	86.3	86.3	86.3
≥ 2000	75.4	83.0	85.3	85.8	86.8	86.8	87.1	87.1	87.1	87.3	87.3	87.3	87.6	87.6	87.6	87.6
≥ 1800	75.7	83.3	85.6	86.1	87.1	87.1	87.3	87.3	87.3	87.6	87.6	87.6	87.8	87.8	87.8	87.8
≥ 1500	75.9	83.3	85.8	86.3	87.3	87.3	87.6	87.6	87.6	88.1	88.1	88.1	88.4	88.4	88.4	88.4
≥ 1200	76.2	84.8	87.1	87.6	88.6	88.9	89.4	89.4	89.4	89.9	89.9	89.9	90.1	90.1	90.1	90.1
≥ 1000	76.2	84.8	87.1	87.6	89.1	89.4	90.4	90.4	90.4	90.9	90.9	90.9	91.1	91.1	91.1	91.1
≥ 900	76.2	84.8	87.1	87.6	89.1	89.4	90.4	90.4	90.4	90.9	90.9	90.9	91.1	91.1	91.1	91.1
≥ 800	76.2	85.1	87.3	88.1	89.9	90.1	91.1	91.1	91.1	91.6	91.6	91.6	91.9	91.9	91.9	91.9
≥ 700	76.2	85.1	87.3	88.1	89.9	90.1	91.4	91.4	91.4	92.2	92.2	92.2	92.4	92.4	92.4	92.4
≥ 600	76.2	85.1	87.3	88.1	89.9	90.1	91.4	91.4	91.4	92.2	92.2	92.2	92.4	92.4	92.4	92.4
≥ 500	76.2	85.1	87.6	88.6	90.4	90.9	93.4	93.4	93.4	94.2	94.2	94.2	94.4	94.4	94.4	94.4
≥ 400	76.2	85.1	87.6	88.6	90.4	91.6	94.4	94.4	94.9	95.7	95.7	95.7	95.9	95.9	95.9	95.9
≥ 300	76.2	85.1	87.6	88.6	90.4	91.6	94.4	94.9	94.9	95.9	95.9	95.9	96.7	96.7	96.7	96.7
≥ 200	76.2	85.1	87.6	88.6	90.4	91.6	94.4	94.9	94.9	96.8	96.5	97.0	97.7	98.0	98.2	98.7
≥ 100	76.2	85.1	87.6	88.6	90.4	91.6	94.4	94.9	94.9	95.7	96.7	97.2	98.5	98.7	99.2	99.7
0	76.2	85.1	87.6	88.6	90.4	91.6	94.4	94.9	94.9	96.7	96.7	97.2	98.5	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 395

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) DEC (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	39.8	46.1	46.6	46.7	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.3
≥ 20000	42.9	50.5	51.2	51.4	51.8	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	43.2	50.8	51.4	51.7	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4
≥ 16000	43.2	50.8	51.5	51.7	52.1	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	44.0	51.7	52.4	52.7	53.1	53.1	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4
≥ 12000	46.0	54.2	54.9	55.3	55.7	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1
≥ 10000	49.0	58.3	59.4	59.9	60.4	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8
≥ 9000	49.5	58.9	60.0	60.5	61.0	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 8000	51.2	61.7	62.9	63.5	64.3	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8
≥ 7000	52.4	63.5	64.7	65.4	66.1	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7
≥ 6000	53.6	65.1	66.3	67.0	67.8	68.0	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	56.5	69.2	70.8	71.7	72.5	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥ 4500	57.9	71.0	72.6	73.5	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
≥ 4000	59.8	74.2	75.9	77.0	78.0	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 3500	60.8	75.6	77.4	78.7	79.7	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 3000	61.4	76.6	78.6	80.0	81.1	81.5	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 2500	62.1	77.7	80.1	81.6	82.9	83.3	83.6	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	62.3	79.2	80.9	82.4	83.9	84.4	84.7	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	62.3	79.4	81.1	82.6	84.2	84.7	84.9	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 1500	62.5	79.0	81.8	83.4	85.2	85.7	86.0	86.1	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 1200	62.6	79.5	82.5	84.1	86.0	86.6	87.0	87.1	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 1000	62.7	79.9	82.9	84.7	87.0	87.7	88.3	88.4	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.1
≥ 900	62.8	80.0	83.1	84.9	87.2	87.9	88.5	88.6	88.7	89.2	89.3	89.3	89.4	89.4	89.4	89.4
≥ 800	62.8	80.4	83.7	85.6	88.4	89.2	90.0	90.1	90.2	90.7	91.0	91.0	91.1	91.1	91.1	91.1
≥ 700	62.8	80.5	84.0	86.0	88.9	89.8	90.6	90.9	91.1	91.6	91.9	91.9	92.0	92.0	92.0	92.1
≥ 600	62.8	80.5	84.1	86.1	89.1	90.1	91.1	91.6	91.8	92.5	92.9	92.9	93.1	93.1	93.1	93.2
≥ 500	62.8	80.5	84.2	86.3	89.5	90.6	92.2	92.9	93.2	94.3	95.0	95.0	95.4	95.4	95.4	95.5
≥ 400	62.8	80.7	84.4	86.4	89.7	91.0	92.8	93.8	94.2	95.5	96.3	96.3	96.9	96.9	96.9	97.0
≥ 300	62.8	80.7	84.4	86.4	89.7	91.0	92.9	93.9	94.3	95.9	97.1	97.2	97.9	98.0	98.1	98.1
≥ 200	62.8	80.7	84.4	86.4	89.7	91.0	92.9	93.9	94.3	96.0	97.3	97.5	98.4	98.5	98.7	99.1
≥ 100	62.8	80.7	84.4	86.4	89.7	91.0	92.9	93.9	94.3	96.1	97.4	97.6	98.5	98.7	99.0	99.6
≥ 0	62.8	80.7	84.4	86.4	89.7	91.0	92.9	93.9	94.3	96.1	97.4	97.6	98.5	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3089

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-75 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.6	45.6	48.2	50.1	51.5	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4
≥ 20000	37.7	50.6	53.6	55.7	57.4	57.8	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000	37.9	50.9	53.9	56.0	57.7	58.1	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000	37.9	51.0	53.9	56.1	57.7	58.2	58.4	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	38.5	51.8	54.8	57.0	58.7	59.2	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 12000	39.5	53.5	56.6	58.9	60.6	61.1	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	41.3	54.8	60.3	62.8	64.3	65.3	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	41.6	57.5	61.0	63.5	65.5	66.1	66.4	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	42.9	59.9	63.6	66.4	68.5	69.1	69.4	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8
≥ 7000	43.7	61.4	65.2	68.1	70.3	70.9	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	44.4	62.7	66.6	69.6	71.9	72.5	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3
≥ 5000	45.8	65.1	69.3	72.5	74.9	75.6	76.0	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4500	46.6	66.1	70.4	73.7	76.2	76.9	77.3	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7
≥ 4000	48.2	68.7	73.2	76.7	79.3	80.0	80.5	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	48.9	70.0	74.7	78.3	81.1	81.7	82.2	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 3000	49.6	71.5	76.4	80.2	83.1	83.9	84.5	84.7	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0
≥ 2500	50.1	72.5	77.6	81.5	84.5	85.4	85.9	86.2	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 2000	50.6	73.2	78.3	82.6	85.8	86.7	87.3	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	88.0
≥ 1800	50.4	73.4	78.6	82.9	86.1	87.1	87.7	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.4
≥ 1500	50.6	74.1	79.6	83.9	87.3	88.4	89.1	89.4	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 1200	50.7	74.6	80.3	84.7	88.5	89.5	90.3	90.7	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 1000	50.7	75.0	80.8	85.5	89.5	90.7	91.6	92.1	92.1	92.4	92.5	92.5	92.6	92.6	92.6	92.6
≥ 900	50.8	75.1	81.0	85.8	89.9	91.1	92.1	92.6	92.7	93.0	93.1	93.1	93.1	93.1	93.2	93.2
≥ 800	50.8	75.2	81.3	86.2	90.5	92.0	93.1	93.7	93.7	94.1	94.2	94.2	94.3	94.3	94.3	94.3
≥ 700	50.8	75.3	81.5	86.4	91.0	92.6	93.9	94.5	94.6	95.0	95.2	95.2	95.3	95.3	95.3	95.3
≥ 600	50.8	75.4	81.6	86.6	91.3	93.1	94.5	95.3	95.5	96.0	96.2	96.2	96.3	96.3	96.4	96.4
≥ 500	50.8	75.5	81.7	86.8	91.6	93.6	95.2	96.3	96.5	97.1	97.4	97.5	97.7	97.7	97.7	97.7
≥ 400	50.8	75.5	81.7	86.8	91.7	93.7	95.5	96.8	97.0	97.8	98.2	98.3	98.5	98.6	98.6	98.7
≥ 300	50.8	75.5	81.7	86.8	91.8	93.8	95.6	97.0	97.2	98.1	98.6	98.7	99.1	99.1	99.2	99.3
≥ 200	50.8	75.5	81.7	86.8	91.8	93.8	95.6	97.0	97.3	98.2	98.8	98.9	99.3	99.4	99.5	99.7
≥ 100	50.8	75.5	81.7	86.8	91.8	93.8	95.6	97.0	97.3	98.2	98.8	98.9	99.3	99.4	99.6	99.9
0	50.8	75.5	81.7	86.8	91.8	93.8	95.6	97.0	97.3	98.2	98.8	98.9	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 37825

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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													
	03-05													
	06-08	16.6			19.4						21.3	42.7	6.2	356
	09-11	14.9			18.2						21.0	45.9	7.0	727
	12-14	9.8			21.4						23.3	45.5	7.3	716
	15-17	9.9			26.9						19.7	43.5	6.9	646
	18-20	24.3			25.8						14.5	35.4	5.6	823
	21-23	35.3			18.8						12.6	33.3	5.0	414
TOTALS		18.5			21.8						18.7	41.1	6.4	3282

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93964 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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													
	03-05													
	06-08	22.4			20.9						18.8	37.9	6.1	335
	09-11	19.0			20.8						21.7	38.4	6.4	472
	12-14	17.2			22.2						17.4	43.1	6.5	449
	15-17	19.4			21.0						19.7	39.9	6.4	414
	18-20	27.8			23.5						12.3	36.4	5.4	489
	21-23	27.4			15.0						10.2	37.4	5.1	393
TOTALS		22.9			20.6						16.7	38.9	6.0	3152

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

99744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02											100.0	10.0	1
	03-05													
	06-08	16.6			21.7						18.4	43.4	6.6	332
	09-11	11.9			23.4						19.5	45.1	7.0	645
	12-14	10.7			19.4						25.1	44.8	7.3	634
	15-17	12.2			18.3						26.9	42.6	7.2	573
	18-20	20.0			22.0						23.1	35.0	6.2	446
	21-23	34.5			20.9						13.3	31.3	5.0	345
TOTALS		15.1			18.0						18.0	48.9	7.0	2976

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02													
	03-05											100.0	10.0	1
	06-08	27.6			22.6						17.5	32.3	5.5	337
	09-11	22.0			26.5						20.2	31.3	5.7	619
	12-14	14.7			28.0						23.0	34.2	6.3	618
	15-17	15.2			26.2						26.2	32.3	6.4	572
	18-20	21.5			24.8						22.2	31.4	5.9	485
	21-23	35.7			21.5						13.8	29.2	4.8	325
TOTALS		19.5			21.4						17.5	41.5	6.4	2927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93764 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02													
	03-05													
	06-08	18.0			19.0						19.8	43.2	6.7	686
	09-11	16.5			20.6						17.9	45.1	6.7	682
	12-14	11.2			24.8						20.3	43.8	6.9	626
	15-17	9.1			24.9						22.6	43.4	7.1	539
	18-20	14.8			21.7						23.5	40.0	6.8	682
	21-23	36.4			23.6						12.5	27.5	5.6	216
TOTALS		16.0			22.6						19.4	42.2	6.6	2949

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02													
	03-05													
	06-08	15.9			22.7						22.5	38.9	6.6	471
	09-11	10.2			27.8						27.7	34.3	6.8	618
	12-14	6.2			32.7						28.2	32.9	6.8	617
	15-17	7.6			33.0						26.4	33.0	6.7	512
	18-20	7.9			29.0						29.9	34.1	7.0	431
	21-23	18.4			27.1						24.2	30.4	6.0	207
TOTALS		10.9			28.7						26.5	33.9	6.7	2856

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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													
	03-05				50.0						50.0		6.0	2
	06-08	18.8			29.4						20.7	31.1	5.9	469
	09-11	14.8			32.6						24.0	28.0	6.0	614
	12-14	5.7			35.5						29.5	29.3	6.6	614
	15-17	6.5			33.5						30.7	29.3	6.7	522
	18-20	12.2			29.7						30.0	28.1	6.4	434
	21-23	24.2			32.0						18.1	24.7	5.1	215
TOTALS		11.7			36.8						29.1	24.4	6.1	2870

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93764 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02													
	03-05	25.0			25.0						25.0	25.0	5.5	4
	06-08	18.5			26.3						25.6	29.6	6.1	567
	09-11	17.2			32.0						26.7	26.1	5.8	721
	12-14	9.2			36.2						32.1	22.5	6.2	710
	15-17	9.7			37.9						31.6	20.8	6.1	639
	18-20	12.8			32.6						26.8	28.0	6.2	515
	21-23	26.2			28.1						21.3	24.3	5.2	367
TOTALS		16.9			31.1						26.7	25.2	5.9	3623

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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													
	03-05											100.0	10.0	1
	06-08	19.8			22.1						20.7	37.4	6.3	551
	09-11	17.2			25.2						23.7	33.9	6.3	705
	12-14	8.8			32.9						25.9	32.3	6.6	690
	15-17	10.7			36.1						22.8	30.4	6.2	588
	18-20	18.4			36.7						20.0	24.9	5.4	510
	21-23	30.1			28.6						16.2	25.1	4.8	239
TOTALS		15.0			25.9						18.5	40.6	6.5	3304

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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													
	03-05				66.7							33.3	5.3	3
	06-08	25.8			22.6						15.6	36.0	5.7	558
	09-11	30.3			26.5						17.2	26.0	5.9	733
	12-14	18.5			28.0						21.5	32.0	6.3	721
	15-17	16.8			26.3						24.6	32.2	6.2	620
	18-20	30.1			25.5						18.5	25.9	5.9	541
	21-23	39.5			20.3						15.7	24.6	4.5	281
TOTALS		21.1			30.8						16.2	31.9	5.6	3467

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02													
	03-05													
	06-08	15.0			26.9						20.8	37.3	6.4	227
	09-11	12.0			26.9						19.7	41.5	6.7	692
	12-14	8.8			26.9						23.9	40.4	7.0	691
	15-17	10.6			25.6						25.0	38.9	6.9	683
	18-20	24.9			21.7						16.4	36.8	5.8	689
	21-23	25.4			18.5						12.0	36.2	5.0	601
TOTALS		17.8			26.6						19.7	38.2	6.3	3233

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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													
	03-05													
	06-08	21.3			19.0						18.4	41.3	6.4	315
	09-11	15.9			20.3						19.1	44.8	6.8	650
	12-14	10.7			23.3						24.5	41.5	7.1	644
	15-17	14.0			23.8						21.9	40.3	6.7	593
	18-20	29.5			19.2						14.9	36.4	5.6	484
	21-23	37.0			15.3						11.2	36.5	5.1	392
TOTALS		21.4			20.2						18.3	40.1	6.3	3084

USAFETAC FORM JUL 64 0-9-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-79 (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	12.5			21.8						18.7	41.1	6.4	3382
FEB		22.9			20.6						16.7	38.9	6.0	3152
MAR		15.1			19.0						18.0	48.9	7.0	2976
APR		19.5			21.4						17.5	41.5	6.4	2927
MAY		16.0			22.4						19.4	42.2	6.6	2949
JUN		10.9			28.7						26.5	32.9	6.7	2856
JUL		11.7			34.8						29.1	24.4	6.2	2870
AUG		16.9			31.1						26.7	25.2	5.9	3428
SEP		15.0			25.9						18.5	40.6	6.5	3304
OCT		21.1			30.8						16.2	31.9	5.6	3467
NOV		17.8			24.4						19.7	38.2	6.3	3333
DEC		21.4			20.2						18.3	40.1	6.3	3084
TOTALS		17.3			25.0						20.4	37.2	6.3	37623

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

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b Extreme minimum temperature DATA NOT AVAILABLE

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

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

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

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

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 70-76 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					.7	5.4	3.0	1.9	.7				.5
≥ 90					.7	5.4	14.3	11.0	3.4				3.1
≥ 85				3.3	2.0	26.4	47.0	46.8	17.0	1.3			12.5
≥ 80			.7	5.3	11.9	60.1	77.4	77.3	37.4	3.9	1.4		23.9
≥ 75				7.3	34.4	79.1	97.0	95.5	66.7	11.8	4.2		34.2
≥ 70	1.3	1.4	3.9	20.0	58.3	90.5	98.8	98.7	83.7	29.9	9.8	.7	43.4
≥ 65		5.7	9.2	36.0	77.5	97.3	99.4	100.0	93.9	62.7	14.7	1.5	51.1
≥ 60	3.9	10.6	17.6	58.0	92.1	100.0	100.0		99.3	80.4	30.8	6.0	59.4
≥ 55	7.2	17.7	32.7	79.3	98.7				100.0	88.9	51.0	14.9	66.9
≥ 50	16.4	30.5	55.6	91.3	100.0					95.4	62.9	28.4	74.2
≥ 45	32.2	43.3	71.9	97.3						98.7	84.6	47.0	81.9
≥ 40	52.6	59.6	89.5	98.7						100.0	94.4	76.9	89.6
≥ 35	68.4	75.2	98.0	100.0							99.3	91.8	94.5
≥ 30	87.5	90.8	100.0								100.0	98.5	98.1
≥ 25	95.4	97.9										99.3	99.4
≥ 20	98.7	100.0										100.0	99.9
≥ 15	100.0												100.0
MEAN	40.2	43.6	50.8	61.7	70.5	79.8	83.8	83.4	77.3	66.0	54.6	45.2	63.1
S D	9.971	11.696	9.229	9.949	7.945	6.949	5.446	5.279	7.598	8.515	10.297	8.539	17.627
TOTAL OBS	152	141	153	150	151	148	168	154	147	153	143	134	1794

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

DAILY TEMPERATURES

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	IUL	AUG	SEP	OCT	NOV	DEC.	ANNUAL
85							.6						.1
80						.7	3.0	3.2					.6
75						14.2	23.8	18.8	5.4				5.5
70				.7	2.6	44.6	67.3	55.8	28.1	.7			17.0
65				4.7	17.2	70.2	93.5	87.0	47.6	6.5	.7		28.4
60				11.3	36.4	89.2	99.4	96.8	74.8	20.9	4.2		37.2
55	1.3	.7	3.3	19.3	64.2	98.6	100.0	100.0	90.5	36.6	10.5	2.2	45.1
50		5.7	8.5	44.7	84.1	100.0			96.6	62.1	24.5	3.0	53.7
45	3.9	9.9	24.8	66.0	98.0				99.3	80.4	42.0	8.2	62.2
40	11.2	19.9	45.8	86.7	100.0				100.0	90.2	60.1	22.1	71.3
35	28.3	37.6	69.3	96.7						96.7	79.7	39.7	81.2
33	36.8	49.6	81.0	97.3						98.7	86.7	47.9	85.3
30	52.0	60.3	88.2	98.7						99.3	94.4	61.3	89.8
25	73.0	75.9	98.0	100.0						100.0	97.9	91.8	96.9
20	89.5	87.9	100.0								100.0	99.5	98.0
15	96.7	97.9										100.0	99.6
10	99.3	99.3											99.9
5		100.0											99.9
0	100.0												100.0
MEAN	29.8	31.7	38.9	48.3	57.3	67.8	71.3	70.1	63.9	51.8	42.8	35.8	50.8
S D	8.521	9.701	7.671	8.155	6.834	6.010	4.493	4.880	7.142	8.656	9.189	7.312	16.414
TOTAL OBS	152	141	153	150	151	148	168	154	147	153	143	134	1794

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

DAILY TEMPERATURES

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 90							.6	.6					.1
≥ 85						.7	6.5	7.1	1.4				1.4
≥ 80				.7	.7	21.6	33.3	27.9	9.5				8.2
≥ 75				3.3	6.0	53.4	73.8	70.1	29.3	.7			20.6
≥ 70				6.7	24.5	77.0	97.6	92.2	58.3	7.2	2.8		31.7
≥ 65		.7	.7	14.0	48.3	91.9	99.4	100.0	80.3	24.2	5.6		39.9
≥ 60	.7	2.8	4.6	26.7	69.5	98.6	100.0		95.2	53.6	12.6	1.5	48.3
≥ 55	1.3	7.1	11.1	51.3	90.7	100.0			98.0	74.5	27.3	4.5	56.6
≥ 50	3.9	13.5	27.8	77.3	99.3				100.0	88.9	49.7	9.7	65.2
≥ 45	14.5	25.5	51.0	89.3	100.0					94.8	62.9	21.3	73.3
≥ 40	33.6	44.7	76.5	97.3						98.0	84.6	56.0	83.1
≥ 35	49.3	58.2	91.5	98.7						100.0	95.1	82.1	89.9
≥ 30	72.4	78.7	99.3	100.0							100.0	91.8	95.3
≥ 25	89.5	89.4	100.0									99.3	98.2
≥ 20	98.0	98.6										100.0	99.7
≥ 15	99.3	100.0											99.9
≥ 10	100.0												100.0
MEAN	35.3	37.9	45.1	55.2	64.1	74.1	77.8	77.0	70.8	59.2	48.9	40.8	57.2
S D	8.758	10.314	7.868	8.704	6.928	6.122	4.586	4.703	6.887	7.851	9.333	7.555	16.793
TOTAL OBS	152	141	159	150	151	148	168	154	147	153	143	134	1794

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

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (YEARS) JAN (MONTH)

 0600-0000 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
58/ 57		.8																2	2		
56/ 55		.4																1	1	2	
54/ 53																				1	3
52/ 51	.4																	1	4	1	1
50/ 49				.8														2	3		
48/ 47			.8		.4													3	4		
46/ 45		.8	1.2															5	6	1	
44/ 43		1.2	1.6															7	12	5	2
42/ 41	.8	.4	.4	.8														6	6	8	3
40/ 39		2.7	.8	1.2														12	16	10	8
38/ 37	1.9	1.6	1.6	.8														15	20	9	11
36/ 35	1.2	2.7	.6	.4														13	16	16	9
34/ 33	1.6	4.3	1.2	1.6	.4													23	37	19	8
32/ 31	.6	3.5	1.2	1.6														18	30	13	15
30/ 29		3.9	3.1	1.2														21	23	19	12
28/ 27	1.2	5.8	2.7	1.2														28	37	19	17
26/ 25	.4	1.6	3.1	.4														14	19	28	17
24/ 23		4.3	2.3															17	18	16	11
22/ 21		4.3	2.7															18	27	16	8
20/ 19	.4	4.7	1.9															18	22	20	17
18/ 17		1.9	.8															7	15	17	12
16/ 15		4.3	.8															13	17	16	18
14/ 13	.4	1.2																4	7	10	14
12/ 11		1.6																4	8	2	13
10/ 9		1.2	.4															4	4	4	19
8/ 7																			2	4	8
6/ 5			.4															1	1		12
4/ 3		.4																1	1	1	7
2/ 1																				1	6
0/ -1																					3
-2/ -3																					1
-10/-11																					1
-22/-23																					1
-26/-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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | JAN 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
TOTAL	6.9	53.1	27.5	9.7	.8													258	358	258	258

Element (X)	ΣX^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.	1440277	18867	73.1	6.453	258							
Dry Bulb	328897	10279	28.7	9.725	358		60.0					93
Wet Bulb	204320	6842	26.5	9.434	258		67.0					93
Dew Point	150635	5351	20.7	12.422	258	2.5	76.0					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (YEARS) JAN (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 Poi
64/ 63				.2														1	1		
62/ 61			.2															1	1		
58/ 57		.6																4	4	5	
56/ 55																				1	
54/ 53		.2	.2	.2	.2													4	6		1
52/ 51	.9	.2		.2	.3	.2	.2											9	10	4	3
50/ 49			.3	.6	.3		.2											9	14	3	1
48/ 47	.2	.2	1.0	.5	.3	.5												16	17	3	2
46/ 45		1.6	1.1	.5	.5	.3												25	27	7	3
44/ 43		1.0	.3	1.0	.8	.2												20	25	23	5
42/ 41	.3	2.9	1.1	1.0	.5													36	38	24	19
40/ 39	.3	2.5	1.7	1.6	1.3	.2												48	50	33	13
38/ 37	.8	1.3	.8	1.4	.3													29	34	30	31
36/ 35	.8	2.7	2.5	1.1	.2	.2												47	51	46	23
34/ 33	.3	4.0	2.5	1.6	.6													57	70	44	25
32/ 31	.8	3.0	2.9	1.6														52	61	53	32
30/ 29	.6	2.4	4.6	1.6	1.0													64	71	49	37
28/ 27		3.8	4.0	2.2														63	71	52	38
26/ 25		1.7	2.5	.8														32	40	64	44
24/ 23		1.0	4.0	.5														34	36	58	26
22/ 21	.2	.2	3.5	.2														25	30	31	41
20/ 19	.3	1.4	2.4															26	31	38	42
18/ 17		.5	1.1															10	13	32	26
16/ 15	.2	.5	.2															5	8	16	34
14/ 13		.5	.5															6	9	6	28
12/ 11		.5	.2															4	5	5	28
10/ 9		.2																1	2	5	34
8/ 7																			1	2	25
6/ 5		.2																1	1		29
4/ 3																			1	1	11
2/ 1																			1		11
0/ -1																					4
-2/ -3																					2
-4/ -5																					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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (YEARS) JAN (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-6/ -7																					2
-8/ -9																					2
-10/-11																					1
TOTAL	5.2	32.8	37.5	16.5	6.2	1.4	.3											729			629
																	629		629		

Element (X)	ΣX^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.	3018171	42185	67.1	17.346	629							
Dry Bulb	829725	23629	32.4	9.364	729		48.6					93
Wet Bulb	593994	18510	29.4	8.859	629		60.0					93
Dew Point	404302	14036	22.3	12.044	629	1.8	71.6					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-79 YEARS — JAN MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pt.
70/ 69						.2	.2											2	2		
68/ 67					.2													1	1		
62/ 61		.2					.2											2	2		
60/ 59		.2					.2	.2										3	3	4	1
58/ 57		.2		.2	.3	.3	.2											7	7	2	1
56/ 55			.2	.3	.5	.2	.2											8	8		1
54/ 53		.2		.3	.5	.2												7	10	1	1
52/ 51		.7	.3	.3	.7	.2												13	18	3	2
50/ 49		.5	.3	.3	.8	.5	.8											20	21	12	2
48/ 47		.2	.5	.3	1.0		.7											16	16	12	7
46/ 45		1.5	1.2	1.5	1.2	.5	.2											36	36	13	6
44/ 43	.8	1.3	2.0	1.8	1.3	.2												45	49	26	16
42/ 41		1.0	1.8	1.2	1.3	.2												33	40	24	12
40/ 39	.2	1.5	1.7	2.2	.7	.2												38	46	38	20
38/ 37	.5	1.0	2.2	2.0	.6													39	41	47	22
36/ 35	.3	2.2	3.5	2.2	1.2													56	66	48	21
34/ 33	.5	2.2	2.0	2.6	.8	.3												51	60	46	33
32/ 31	.3	1.2	2.6	3.6	1.3													55	70	58	38
30/ 29	.2	.5	4.3	3.3	.8													55	72	31	35
28/ 27	.2	2.0	1.5	2.2	.2													36	45	56	39
26/ 25		.3	3.8	.7														29	31	61	33
24/ 23		.8	2.3	.5														22	25	42	32
22/ 21		.5	2.0	.7														19	23	33	29
20/ 19		.2	.5															4	9	25	34
18/ 17			.5															3	3	17	39
16/ 15			.5															3	7	1	40
14/ 13			.2															1	2	3	20
12/ 11																				3	27
10/ 9																			1		35
8/ 7																			2		27
6/ 5																					11
4/ 3																					6
2/ 1																					7
0/ -1																					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 0-25-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

93744 STATION | MARTIN MARIETTA AIRFIELD MD CITATION NAME | 71-79 YEARS | JAN MONTH

1200-140 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 P
-2/ -3																					
-6/ -7																					
-8/ -9																					
TOTAL	3.0	18.0	33.8	26.2	13.6	2.8	2.5	.2											716		60
																		604		604	

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.	2494903	37379	61.9	17.358	604							
Dry Bulb	977849	25589	35.7	9.411	716		37.7	.4				9
Wet Bulb	663018	19318	32.0	8.654	604		50.5					9
Dew Point	422965	14321	23.7	11.761	604	1.1	70.7					9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | JAN MONTH

PAGE 1 | 1500-17 HOURS (L. S.)

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
70/ 69							.4											2	2		
64/ 63								.6										3	3		
62/ 61		.2						.4										3	3		
60/ 59						.8												4	4	1	
58/ 57						.2		.2										2	2	2	
56/ 55		.6	.2	.6														7	9		
54/ 53		.2	.2	.2	1.0	.6			.2									12	14	3	
52/ 51			.2	.6	.8		.2	.2										10	12	2	
50/ 49		.2	.4	.4	.4													7	8	13	
48/ 47		.4	.8	.4	1.0	.4	.4											17	19	6	
46/ 45	.2	.4	1.3	1.9	.6	1.0	.4											28	31	12	
44/ 43	1.5	.8	1.7	.8	3.1	.8												42	54	25	
42/ 41		1.9	1.0	.6	1.5	.2												25	35	15	
40/ 39	.6	.8	1.7	2.3	2.1	.2												37	47	38	
38/ 37	1.0	.8	2.5	2.5	1.9	.4												44	55	23	
36/ 35		.6	3.1	2.7	.6													34	43	42	
34/ 33	.4	2.3	1.0	2.5	1.5													37	51	40	
32/ 31		1.3	2.9	3.8	1.9													47	79	46	
30/ 29		1.0	3.4	1.7	.4													31	53	35	
28/ 27		2.3	2.1	1.7														29	40	41	
26/ 25			3.4	1.3														22	28	51	
24/ 23		.4	2.5	.2														15	20	24	
22/ 21		.8	1.3	.6														13	16	27	
20/ 19																			6	16	
18/ 17			.6															3	7	8	
16/ 15		.2	.2															2	4	1	
14/ 13																				4	
12/ 11																			1	1	
10/ 9																					
8/ 7																					
6/ 5																					
4/ 3	.2																	1	1	1	
2/ 1																					
0/ -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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | JAN 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 Pol
-4/ -5																					2
-6/ -7																					3
-8/ -9																					1
TOTAL	4.0	15.5	30.6	24.9	17.0	4.8	1.5	1.5	.2										647		477
																		477		477	

Element (X)	ΣX^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.	1857732	28528	59.8	17.844	477							
Dry Bulb	897868	23346	36.1	9.266	647		36.7	.3				93
Wet Bulb	533316	15418	32.3	8.570	477		49.7					93
Dew Point	326761	11181	23.4	1.656	477	1.6	71.2					93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | JAN MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Poi
70/ 69						.3												1	1		
62/ 61								.3										1	1		
60/ 59							.3											1	1	1	
58/ 57						.6												2	3		
56/ 55		.6				.6												4	6		
54/ 53		.6																2	2	3	
52/ 51		.6					.3											3	5	2	5
50/ 49		.3		1.3		.3												6	8	2	2
48/ 47		.3	.6	1.0	.6	.6												10	12	6	
46/ 45		.6	2.9	1.9	.3													18	20	1	2
44/ 43			1.6	2.5	.6													15	16	11	1
42/ 41		1.0	1.6	2.2	1.0		.3											19	24	17	2
40/ 39	.3	1.0	1.9	.6	.3													13	27	14	8
38/ 37	.3	2.5	3.8	1.3	.6													27	41	31	9
36/ 35		1.6	1.6	2.5	1.6													23	42	14	22
34/ 33	.3	2.9	3.2	2.2	1.6													34	51	20	12
32/ 31		1.9	4.4	1.6														25	58	22	20
30/ 29	.3	3.8	2.9	4.1	.6													37	54	26	21
28/ 27	1.0	2.9	2.2	1.6														24	45	47	24
26/ 25		.6	2.5	.6														12	30	26	15
24/ 23	1.0	.6	3.8															17	33	26	25
22/ 21		.3	1.0															4	9	15	15
20/ 19		1.0	2.2	.6														12	15	16	21
18/ 17			.6															2	8	4	19
16/ 15																			4	7	17
14/ 13			.3															1	6	1	11
12/ 11																					16
10/ 9		.3																1	1	1	19
8/ 7		.3																1	1	1	10
6/ 5																				1	7
4/ 3																					3
2/ 1																					2
0/ -1																					2
-2/ -3																					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												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (YEARS) JAN (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
-4/ -5																					1
-6/ -7																					1
-8/ -9																					1
TOTAL	3.2	23.8	37.1	24.8	7.3	2.5	1.0	.3											524		315
																		315		315	

Element (X)	ΣX^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.	1372910	20140	63.9	16.475	315							
Dry Bulb	618762	17404	33.2	8.823	524		46.9	.2				93
Wet Bulb	320908	9696	30.8	8.457	315		57.0					93
Dew Point	208946	7240	23.0	11.222	315	2.1	74.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | JAN MONTH

PAGE 1 | 2100-230 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 Pa
60/ 59							.5											1	1		
58/ 57																			3		
56/ 55		1.0																2	2		
54/ 53		.5																1	1	2	
52/ 51		.5			.5													2	4	2	
50/ 49																					
48/ 47		1.0																2	3	2	
46/ 45		.5	2.0	1.5	.5													9	12	2	
44/ 43		.5	3.6	.5														9	11	3	
42/ 41		.5	1.0	3.0														9	11	3	
40/ 39			2.5															5	19	11	
38/ 37	.5	1.5	3.0	.5														11	19	10	
36/ 35		2.0	1.5	2.5														12	22	12	
34/ 33		2.0	3.6	1.5	1.0													16	42	9	
32/ 31		3.0	3.6	2.0	.5													18	42	7	1
30/ 29	1.5	3.6	4.1	1.5	.5													22	49	24	1
28/ 27	1.0	4.6	3.6															18	35	21	
26/ 25	1.5	4.6	3.6															19	42	26	1
24/ 23	1.5	.5	2.0	1.5														11	24	18	1
22/ 21	.5	4.1	2.0	.5														14	30	10	1
20/ 19		1.5	1.0															5	12	15	2
18/ 17			2.5															5	6	7	1
16/ 15		1.0																2	9	7	
14/ 13		.5																1	5	2	1
12/ 11																			5	1	1
10/ 9																			2		
8/ 7																					
6/ 5		1.0																2	2		
4/ 3		.5																1	1	2	
2/ 1																				1	
0/ -1																					
-2/ -3																					
-8/ -9																					
-12/-13																					

Element (X)	ΣX^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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (YEARS) JAN (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
TOTAL	6.6	35.0	39.6	15.2	3.6		.5											197	414	197	197

Element (X)	ΣX^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.	973089	13479	68.4	16.105	197							
Dry Bulb	410084	12512	30.2	8.795	414		59.3					93
Wet Bulb	172253	5567	28.3	8.729	197		66.6					93
Dew Point	118809	4223	21.4	11.357	197	3.3	80.7					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

8477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 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
70/ 69						.1	.1											5	5		
68/ 67					.0													1	1		
64/ 63				.0				.1										4	4		
62/ 61		.1	.0				.0	.1										7	7		
60/ 59		.0				.2	.1	.0										9	9	6	2
58/ 57		.3		.0	.1	.2	.0	.0										17	21	9	1
56/ 55		.3	.1	.2	.1	.1	.0											22	26	3	6
54/ 53		.2	.1	.2	.4	.2			.0									26	33	10	9
52/ 51	.2	.3	.1	.2	.4	.1	.1	.0										38	53	14	14
50/ 49		.2	.2	.6	.4	.2	.2											44	54	30	7
48/ 47	.0	.3	.7	.4	.6	.3	.2											64	71	29	12
46/ 45	.0	1.0	1.5	1.2	.6	.4	.1											121	132	36	20
44/ 43	.5	.9	1.5	1.2	1.2	.2												138	167	93	37
42/ 41	.2	1.5	1.2	1.2	.8	.1	.0											128	154	91	40
40/ 39	.3	1.6	1.7	1.6	.9	.1												153	205	144	72
38/ 37	.8	1.3	2.1	1.6	.7	.1												165	210	150	94
36/ 35	.4	2.0	2.5	1.9	.6	.0												185	240	178	107
34/ 33	.5	2.9	2.1	2.2	1.0	.1												218	311	178	101
32/ 31	.4	2.1	2.9	2.5	.7													215	340	199	138
30/ 29	.4	2.1	3.9	2.3	.6													230	322	184	144
28/ 27	.4	3.2	2.6	1.7	.0													198	273	234	157
26/ 25	.2	1.1	3.1	.7														128	190	256	152
24/ 23	.2	1.1	2.9	.4														116	196	178	140
22/ 21	.1	1.1	2.2	.4														93	135	132	134
20/ 19	.1	1.1	1.3	.1														65	95	130	176
18/ 17		.3	.9															30	52	85	128
16/ 15	.0	.7	.3															25	49	48	146
14/ 13	.0	.3	.2															13	29	26	110
12/ 11		.3	.0															8	19	12	107
10/ 9		.2	.0															6	10	10	138
8/ 7		.0																1	6	7	98
6/ 5		.1	.0															4	4	1	75
4/ 3	.0	.1																3	4	5	34
2/ 1																			1	2	33

Element (X)	ΣX^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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | JAN MONTH

PAGE 2 | 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
0/ -1																					16
-2/ -3																					8
-4/ -5																					4
-6/ -7																					9
-8/ -9																					6
-10/-11																					2
-12/-13																					1
-22/-23																					1
-26/-27																					1
TOTAL	4.7	27.0	34.4	20.7	9.4	2.3	1.1	.4	.0										3388		2480
																		2480		2480	

Element (X)	Σx^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.	11166092	160578	64.7	17.610	2480							
Dry Bulb	4062185	112759	33.3	9.572	3388		370.0	1.3				744
Wet Bulb	2487809	75251	30.4	8.946	2480		452.7					744
Dew Point	1626418	56352	22.7	11.813	2480	14.4	587.4					744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | FEB MONTH

PAGE 1 | 0600-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55		.4																1	1		
54/ 53		.8			.4													3	3	2	
52/ 51		.4	.4	.4														3	3	2	2
50/ 49	.4	.4	.8		.4	.4		.4										7	7	2	3
48/ 47		.4	.4	1.7	.4													7	7	2	2
46/ 45	.4	.4	1.3		.4													6	6	5	2
44/ 43	.4	.4		.8		.4												5	6	3	3
42/ 41		.8	1.3		.4	.8												8	10	9	1
40/ 39	.4	2.5	2.9	.8														16	18	8	6
38/ 37	.4	2.9	2.5	1.7		.4												19	24	15	6
36/ 35	1.3	1.7	2.1		1.3													15	19	18	15
34/ 33	1.3	3.3	3.8	1.7														24	32	20	10
32/ 31	1.3	2.9	3.8															19	25	17	15
30/ 29	.4	1.3	1.7	1.3	.8													13	13	18	16
28/ 27	.4	3.8	.4	.4														12	17	20	12
26/ 25		2.9	3.8															16	26	13	16
24/ 23		2.1	3.8															14	17	13	12
22/ 21		2.9	2.5															13	25	16	9
20/ 19	.8	2.9	1.3															12	21	19	15
18/ 17		2.9	1.3															10	14	9	10
16/ 15	.4	2.9	.8															10	18	10	17
14/ 13			.8															2	6	11	9
12/ 11		.4	.4															2	4	4	11
10/ 9																			2		12
8/ 7		.8																2	4	3	17
6/ 5		.4																1	2	1	4
4/ 3																			1		4
2/ 1																			4		3
0/ -1																					2
-2/ -3																					4
-4/ -5																					1
-6/ -7																					1
TOTAL	7.9	40.8	35.8	8.8	4.2	2.1		.4										240	335	240	240

Element (X)	ΣX^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.	1264685	16953	70.6	16.764	240							
Dry Bulb	320793	9727	29.0	10.717	335		49.9					84
Wet Bulb	214912	6833	28.5	9.675	240		53.9					84
Dew Point	152861	5335	22.2	12.148	240	2.8	66.5					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | FEB MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71								.2										1	1		
64/ 63					.2													1	1		
62/ 61		.2				.2	.2	.2	.3									6	6		
60/ 59			.2			.2	.2		.2									4	4	1	
58/ 57					.2		.5											4	4	2	1
56/ 55		.5	.3		.5		.5											11	11	1	
54/ 53	.5	.2	.5	.2	.3	.3	.2		.2									14	14	7	5
52/ 51			.2	.3	.7	.7		.2										12	12	3	4
50/ 49	.3	.2	.3	.8	.3	.3		.2										15	15	10	3
48/ 47	.7	.2	.5	1.5	1.2	.5		.2										26	29	12	7
46/ 45	.3	.2	1.5	1.5	.3	.3	.5											28	28	17	5
44/ 43	.3	.6	1.7	1.0	1.0	.5												32	35	26	2
42/ 41	.2	.3	1.4	1.0	.5													20	22	31	17
40/ 39	.3	1.9	1.2	2.2	.8													38	43	29	13
38/ 37	.3	3.1	1.2	1.9	2.4	.2												53	60	35	23
36/ 35	.3	1.5	1.0	2.4	.2													32	38	52	37
34/ 33	.3	1.9	2.9	1.9	.7	.2												46	53	35	28
32/ 31	.2	2.9	1.7	1.5	.2													38	42	39	33
30/ 29		.8	4.5	1.0	.2													39	42	51	37
28/ 27	.5	2.2	3.9	.7														43	49	36	30
26/ 25	.3	.3	4.1	.8														33	39	49	29
24/ 23	.3	1.2	2.4	.5														26	34	37	23
22/ 21		1.2	2.0	.3														21	27	37	43
20/ 19	.2	1.2	1.5															17	25	29	27
18/ 17		.8	1.2															12	13	16	36
16/ 15		.2	.5															4	7	15	42
14/ 13		.3	.5															5	6	6	37
12/ 11		.5	.2															4	6	5	21
10/ 9		.2																1	3	6	25
8/ 7																			2	1	12
6/ 5																					13
4/ 3																			1		2
2/ 1	.2																	1	1	1	17
0/ -1																					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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | FEB MONTH

PAGE 2 | 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
-2/ -3																					3
-4/ -5																					6
-6/ -7																					1
-8/ -9																					2
TOTAL	5.4	22.8	25.5	19.7	9.7	3.4	2.0	.8	.7									589	673	589	589

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.	25653R1	37433	63.6	7.804	589							
Dry Bulb	877780	23166	34.4	6.933	673		37.1	.1				84
Wet Bulb	630394	18404	31.2	9.701	589		46.8					84
Dew Point	409195	13739	23.3	2.283	589	2.4	63.3					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (YEARS) FEB (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
74/ 73								.4	.2									3	3		
70/ 69										.2								1	1		
68/ 67									.2	.2	.2							3	3		
66/ 65					.2	.2	.4		.2		.2							6	8		
64/ 63					.2	.2	.4			.2		.2						6	6		
62/ 61			.2	.2	.4				.2		.2							6	7		
60/ 59			.4	.4			.4	.2			.2							8	8	2	
58/ 57			.2	.2	.4	.4	.4	.2										9	9	5	
56/ 55	.2	.4			.5	1.1	.4	.4										16	16	7	1
54/ 53	.2	.2	.2		.7	.4	.4											11	11	9	6
52/ 51		.2	.2	1.1	1.3	.7	.2		.2									21	21	5	4
50/ 49		.7	.2	.2	1.8	2.0	.4	.4										31	32	10	8
48/ 47	.2	.2		.9	2.4	.7	.2											25	27	16	6
46/ 45	.2	.5	.5	1.1	1.1	1.5												27	29	27	6
44/ 43	.4	1.1	.9	1.1	2.4	.2												33	38	16	10
42/ 41		.9	.5	1.8	1.3	.7	.2											30	35	36	7
40/ 39	.4	1.5	1.5	.9	.9	.7												32	34	44	14
38/ 37	.5	.9	1.1	2.4	2.4	.2												41	49	37	21
36/ 35	.7	1.6	1.6	3.6	1.3													50	53	48	34
34/ 33		1.8	.5	2.7														28	39	32	26
32/ 31		.5	2.4	2.9	.9													37	50	40	22
30/ 29	.4	.5	3.5	2.2	.5													39	48	38	49
28/ 27	.4	.2	2.4	2.7	.4													33	40	40	30
26/ 25	.2	1.1	2.0	.9	.2													24	33	43	32
24/ 23		.4	.7	.5														9	9	40	23
22/ 21			.9															5	11	23	30
20/ 19		.7	.4	.4														8	11	11	32
18/ 17		.4	.4	.2														5	8	11	36
16/ 15		.4																2	5	4	34
14/ 13																			2	5	23
12/ 11																			2		31
10/ 9																			1		18
8/ 7																					16
6/ 5																					9

Element (X)	ΣX^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 JUN 71 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-79 YEARS — FEB 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
4/ 3																					4
2/ 1																					5
0/ -1																					3
-2/ -3																					1
-4/ -5																					6
-6/ -7																					2
TOTAL	3.6	14.2	20.8	26.4	19.1	8.9	3.1	1.5	.9	.5	.7	.2						549	649	549	549

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	197119	31331	57.1	16.624	549							
Dry Bulb	103199	24901	38.4	11.371	649		28.5	.9	.4			84
Wet Bulb	68948	18672	34.0	9.446	549		39.0					84
Dew Point	40728	13395	24.4	12.117	549	1.8	62.1					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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
72/ 71									.2	.2								2	2		
70/ 69						.2	.2		.2	.2	.2							5	5		
68/ 67						.4	.2	.7	.2									7	9		
66/ 65					.2				.2									2	3		
64/ 63						.2		.2	.2	.2	.2	.4						7	8		
62/ 61					.4	.4	.2	.4	.4									9	10		
60/ 59					.4	.2	.2	1.1										9	11	3	
58/ 57				.2	.4	.9	.2	.2										9	10	2	
56/ 55		.2		.2	.4	1.1	.4	.2										12	12	6	
54/ 53	.4	.2		.7	.2	1.1	1.1		.7									20	21	8	4
52/ 51		.2		.2	.2	1.1	1.3											14	16	8	5
50/ 49		.7		.2	.7	1.3	1.1											18	21	12	4
48/ 47		.4		.4	1.8	1.5												19	23	17	2
46/ 45			.9	.2	1.8	1.5	.2											21	22	15	5
44/ 43		1.1	1.1	.9	.4	.2	.7											20	29	14	8
42/ 41		2.4	1.1	1.1	1.5	.4	.2											31	36	33	10
40/ 39	.2	2.9	1.3	2.9	2.6	.2												46	51	44	16
38/ 37	.9	.7	1.5	2.4	2.6													37	46	40	25
36/ 35	.9	.2	.9	2.2	.9													23	43	27	22
34/ 33	.2	.9	.4	2.2	1.3													23	37	37	15
32/ 31		1.1	2.9	3.1	.4													34	53	34	25
30/ 29	.7	.2	3.3	4.2	1.3													44	61	28	37
28/ 27	.4	.7	.9	2.2	.7													22	26	33	30
26/ 25			1.3	.7														9	15	38	28
24/ 23		.4		.4														4	12	27	25
22/ 21				.7														3	9	16	31
20/ 19			.7	.2														4	12	5	24
18/ 17		.2	.2															2	5	1	20
16/ 15																			3	8	34
14/ 13																			2		16
12/ 11																			2		22
10/ 9																					9
8/ 7																					12
6/ 5																					11

Element (X)	ΣX^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 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | FEB MONTH

PAGE 2 | 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
4/ 3																					4
0/ -1																					2
-2/ -3																					5
-4/ -5																					4
-6/ -7																					1
TOTAL	3.7	12.5	10.4	25.2	16.4	11.0	6.1	2.9	2.2	.7	.4	.4							615		456
																		456		456	

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.	1508322	25198	55.3	14.663	456							
Dry Bulb	1027710	24100	39.2	11.648	615		27.3	2..				84
Wet Bulb	595113	15935	34.9	9.170	456		35.0					84
Dew Point	344416	11318	24.8	11.814	456	2.2	42.0					84

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-79 YEARS — FEB 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
68/ 67						.4												1	1		
66/ 65								.4	.4									2	2		
64/ 63								.4										1	3		
62/ 61			.4					1.1										4	5		
60/ 59					.4		.4	.4										3	3		
58/ 57				.4		1.1												4	7	2	
56/ 55	.4	.4		.4	.7	.7	1.1											10	14	1	2
54/ 53	.4			.7			.4											4	6	4	2
52/ 51			.7	1.1	1.4	2.5		.4										17	17	2	1
50/ 49		1.1		.4		.4												5	8	4	
48/ 47		.4			.7	1.4		.4										8	11	14	3
46/ 45		.7	.4		.7	1.4												9	13	9	3
44/ 43		.4	2.1	1.4	2.1	.4												18	24	13	6
42/ 41		.7		4.3	1.8													19	29	7	5
40/ 39	.4	2.1	2.5	2.5	.7													23	37	16	6
38/ 37	1.4	1.8	2.5	3.2	.4													26	33	22	15
36/ 35	.7	.4	2.5	3.2		.4												20	34	39	13
34/ 33	1.4	.7	1.1	1.4	.4													14	30	22	15
32/ 31		1.1	2.8	2.8														19	42	18	10
30/ 29	.7	2.5	1.4	.7														15	33	20	27
28/ 27		2.1	3.9	3.9														28	51	17	25
26/ 25		1.8	1.4	2.1														15	24	22	21
24/ 23		.7	1.8	1.1														10	16	18	19
22/ 21		.4	.4	.4														3	14	14	12
20/ 19		.4																1	9	10	17
18/ 17			.7															2	10	4	19
16/ 15			.4															1	7	1	14
14/ 13																			3	2	8
12/ 11																			4	1	7
10/ 9																			1		5
8/ 7																					9
6/ 5																					9
4/ 3																					3
≈2/ ≈3																					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												

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | FEB MONTH

PAGE 2 | 18.0-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					2
TOTAL	5.3	17.4	24.8	19.8	9.2	8.5	1.8	2.8	.4										491		282
																		282		282	

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.	1145598	17198	61.0	8.557	282							
Dry Bulb	679170	17450	35.5	10.973	491		36.6	.2				84
Wet Bulb	337561	9427	33.4	8.933	282		37.8					84
Dew Point	212302	7040	25.0	11.405	282	1.8	62.9					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | FEB 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
60/ 59							.6											1	2		
58/ 57						.6												1	2		
56/ 55				.6	.6													2	3		
54/ 53		.6		.6														2	5		
52/ 51					.6	.6												2	3	1	1
50/ 49		.6	.6	.6	1.9													6	11	2	
48/ 47			1.3		.6	.6												4	5	4	1
46/ 45			1.3	2.5	.6													7	9	2	
44/ 43			.6		1.3													3	8	4	2
42/ 41		.6	2.5	3.2	2.5													14	23	7	3
40/ 39	.6	3.2	1.3	3.8														14	35	11	5
38/ 37	3.8	.6	3.8	2.5	.6													18	27	14	10
36/ 35	.6	3.2	1.9	2.5														13	16	14	7
34/ 33	1.9	1.3	1.9															8	25	24	11
32/ 31		5.1	3.2	1.9														16	37	12	11
30/ 29		1.3		1.9														5	20	11	12
28/ 27	1.3	1.3	1.9	1.3														9	26	7	14
26/ 25		.6	2.5	1.3														7	37	7	16
24/ 23		3.2	1.9	1.3														10	29	9	8
22/ 21			2.5	1.3														6	22	7	8
20/ 19			2.5															4	12	5	6
18/ 17		1.3																2	8	7	5
16/ 15																			14	6	3
14/ 13			.6															1	3		5
12/ 11			.6															1	5		3
10/ 9		.6																1	5	2	4
8/ 7																			1	1	6
6/ 5																			1		3
4/ 3																					3
2/ 1																					3
0/ -1																					1
-2/ -3																					3
-4/ -5																					1
-6/ -7																					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												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | FEB MONTH

PAGE 2 | 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
TOTAL	8.3	23.6	31.2	25.5	8.9	1.9	.6											157	394	157	157

Element (X)	ΣX^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.	741814	10410	66.3	8.182	157							
Dry Bulb	433365	12435	31.6	16.202	394		46.9					84
Wet Bulb	166553	4925	31.4	8.792	157		39.6					84
Dew Point	112641	3789	24.1	11.929	157	3.7	62.6					84

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-79 YEARS | FEB MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73								.1	.0									3	3		
72/ 71								.0	.0	.0								3	3		
70/ 69						.0	.0		.0	.1	.0							6	6		
68/ 67						.1	.0	.1	.1	.0	.0							11	13		
66/ 65					.1	.0	.1	.0	.1		.0							10	13		
64/ 63					.1	.1	.1	.1	.0	.1	.0	.1						15	18		
62/ 61		.0	.1	.0	.2	.1	.1	.3	.2		.0							25	28		
60/ 59			.1	.1	.1	.1	.3	.3	.0		.0							25	28	6	
58/ 57			.0	.1	.2	.4	.3	.1										27	32	11	1
56/ 55	.1	.4	.1	.1	.5	.6	.4	.1										52	57	15	3
54/ 53	.3	.3	.2	.3	.4	.4	.4		.2									54	60	30	17
52/ 51		.1	.2	.6	.7	.9	.3	.1	.0									69	72	21	17
50/ 49	.1	.6	.3	.4	.6	.9	.3	.2										82	94	40	18
48/ 47	.2	.3	.3	.9	1.4	.8	.0	.1										91	102	65	21
46/ 45	.2	.3	1.0	.9	.9	.9	.2											98	107	75	21
44/ 43	.2	.8	1.2	1.0	1.3	.3	.1											111	140	76	31
42/ 41	.0	1.0	1.0	1.7	1.2	.4	.1											122	155	123	43
40/ 39	.4	2.2	1.6	2.0	1.1	.2												169	218	152	60
38/ 37	.9	1.7	1.7	2.3	1.8	.1												194	239	163	100
36/ 35	.7	1.3	1.5	2.5	.7	.0												153	203	198	128
34/ 33	.0	1.6	1.6	1.9	.5	.0												143	216	170	105
32/ 31	.2	1.9	2.6	2.2	.4													163	249	160	116
30/ 29	.4	.9	3.0	2.0	.5													155	217	166	178
28/ 27	.4	1.5	2.4	1.9	.2													147	209	153	141
26/ 25	.1	.9	2.6	.9	.0													104	174	172	142
24/ 23	.1	1.0	1.5	.6														73	117	144	110
22/ 21		.7	1.2	.4														51	108	113	133
20/ 19	.1	.8	.9	.1														46	90	79	121
18/ 17		.7	.7	.0														33	58	48	126
16/ 15	.0	.4	.3															17	54	44	144
14/ 13		.1	.3															8	22	24	98
12/ 11		.2	.1															7	23	10	95
10/ 9		.1																2	12	8	73
8/ 7		.1																2	7	5	72

Element (X)	ΣX^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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (YEARS) FEB (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
6/ 5		.0																1	3	1	49
4/ 3																			2		20
2/ 1	.0																	1	5	1	28
0/ -1																					13
-2/ -3																					20
-4/ -5																					20
-6/ -7																					7
-8/ -9																					2
TOTAL	5.1	19.9	6.5	2.9	13.0	6.6	2.8	1.5	.9	.3	.3	.1						2273	3157	2273	2273

Element (X)	ΣX^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.	9263919	138523	60.9	19.020	2273							
Dry Bulb	4378017	111779	35.4	11.540	3157		287.4	5.3	.6			672
Wet Bulb	2630482	74196	32.6	9.581	2273		333.5					672
Dew Point	1640698	54616	24.0	12.022	2273	18.3	505.0					672

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | MAR 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
66/ 65					.4	.8												3	3		
64/ 63		.4				.4	.4											3	3		
62/ 61		.4																1	1	1	1
60/ 59		.8	.8															4	4	2	1
58/ 57			.8	.4														3	4	3	2
56/ 55		.4	.4	.4														3	4	3	1
54/ 53		1.2	.4															4	5	5	3
52/ 51		.8	.4	.8	.4													6	10	5	4
50/ 49		.4	1.2	2.3	.4													11	14	5	1
48/ 47	1.2	1.9	1.9	.4	.8													16	21	6	10
46/ 45	1.2	2.7	1.9	1.5	.8													21	27	15	9
44/ 43	1.5	2.3	2.3	.8	.4	.4												20	24	22	14
42/ 41		3.8	3.5	1.2	.4													23	30	13	10
40/ 39		3.1	1.9	3.1	.4													22	29	25	15
38/ 37	1.2	1.2	2.7	2.7	1.5													24	34	20	20
36/ 35		4.6	1.5	2.7	.4													24	28	17	12
34/ 33		2.7	4.6	1.5	.4													24	26	26	19
32/ 31		1.2	1.9	.8														10	12	20	11
30/ 29	.4	.8	1.5	2.7	.4													15	19	24	16
28/ 27	.4	2.3	1.9	.4														13	14	14	10
26/ 25		.8	.8	.4														5	9	13	21
24/ 23			.4															1	2	12	12
22/ 21		.4	.4	.4														3	3	4	14
20/ 19		.4																1	3	2	13
18/ 17																				3	12
16/ 15																			1		8
14/ 13																					5
12/ 11																					8
10/ 9																					2
8/ 7																					2
6/ 5																					2
0/ -1																					2
TOTAL	5.8	32.3	31.2	22.3	6.5	1.5	.4											260	330	260	260

Element (X)	ΣX^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.	1398048	18556	71.4	16.838	260							
Dry Bulb	548632	13134	39.8	8.872	330		17.8					93
Wet Bulb	367073	9495	36.5	8.858	260		32.9					93
Dew Point	283568	8030	30.9	11.718	260	.7	49.4					93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-76 YEARS | MAR MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71							.2											1	1		
70/ 69				.4		.2												2	3		
68/ 67								.2										1	1		
66/ 65			.2	.5	.4	.2		.2		.2								9	9		
64/ 63		.4	.2	.7		.2		.2	.5									12	12	2	
62/ 61			.2	.4	.2	.7	.5	.2										12	12	5	3
60/ 59		.4	.2	.7		.4	.4											11	13	4	2
58/ 57			.4	.7	.4	.7	.2											13	21	9	1
56/ 55		.2	.4		.4	.2												6	10	7	9
54/ 53	.2	.7	.5	.9	1.1	.7	.4	.2										25	31	10	7
52/ 51	.2	1.4	1.1	.7	1.1	.5	.4											30	35	19	8
50/ 49	.4	1.8	.9	.9	1.4	.4	.4											34	40	25	15
48/ 47	1.2	1.2	1.2	2.1	2.3	.7	.7	.2										55	67	41	26
46/ 45	.9	1.6	1.8	1.9	1.6	1.4	.2											53	63	28	16
44/ 43	1.1	.9	1.2	.9	2.8	1.1	.2											46	48	40	27
42/ 41	.7	1.2	1.1	1.4	3.4	1.4												52	57	43	22
40/ 39		1.6	1.8	3.0	3.0	.4												55	60	45	33
38/ 37	.5	1.1	1.2	2.1	1.1	.4												36	37	33	22
36/ 35	.2	1.6	.5	2.1	1.6													34	37	62	35
34/ 33	.4	.7	1.1	1.2	.4													21	24	55	29
32/ 31	.5	.4	.7	1.9	.2													21	24	43	39
30/ 29	.4	.7	1.2	1.2														20	21	33	24
28/ 27		.7	.2	.2	.2													7	8	25	23
26/ 25		.2	.7	.4														7	8	22	32
24/ 23																				7	28
22/ 21			.2															1	1	6	38
20/ 19																				2	32
18/ 17																					28
16/ 15																					22
14/ 13																					14
12/ 11																					18
10/ 9																					9
6/ 5																					1
4/ 3																					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												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAR (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					1
TOTAL	6.5	16.6	16.8	24.4	21.2	9.4	3.4	1.1	.5	.2								566	643	566	566

Element (X)	ΣX^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.	2442301	35409	62.62	20.049	566							
Dry Bulb	1326951	28623	44.5	9.069	643		9.0	.7				93
Wet Bulb	902215	22055	39.0	8.705	566		22.7					93
Dew Point	630404	17604	31.11	12.111	566		51.1					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79									.2									1	1		
78/ 77								.2										1	1		
76/ 75							.4											2	2		
74/ 73						.4												2	2		
72/ 71				.2			.2											2	2		
70/ 69					.2													1	1		
68/ 67					.4	.2		.4			.6							8	9		
66/ 65					.2	.4	.6	.2	.2									8	9	3	
64/ 63				.6	.4	.4	.7	.6	.2	.2								16	20	4	1
62/ 61			.4	.6	.7	.9	.4		.4									18	21	2	
60/ 59		.4		.4	.7	.6	.6	.6	.7									21	28	3	
58/ 57			.2	.6	.6	1.1	.6	.6										19	28	8	7
56/ 55		.7	.4	1.1	.6	1.1	.9	.7										30	39	9	6
54/ 53	.2	1.5	.2	.2	1.5	.9	.9											29	32	26	7
52/ 51	.2	.6	.7	.9	.9	1.3	.9	.4	.2									33	40	21	16
50/ 49	.4	1.5	1.5	1.9	1.3	1.1	2.2	.6										56	68	27	12
48/ 47	.2	1.5	.2	1.1	1.3	1.9	2.4	.4										48	55	34	14
46/ 45	1.1	1.3	.2	1.9	2.6	3.0	1.9	.2										65	68	54	30
44/ 43		.6	.7	.7	3.0	1.3	1.5											42	46	37	23
42/ 41		1.9	.4	.9	3.9	.6	.2											42	44	34	21
40/ 39	.4	.4	.4	.7	1.3	.9												22	28	43	29
38/ 37	.2	.4	.6	1.3	2.0													24	25	47	17
36/ 35	.2	.9	.6	.9		.4												16	20	62	34
34/ 33	.2	.2	.7	.6														9	15	44	16
32/ 31		.9		1.3	.2													13	13	36	29
30/ 29		.2	.7	.4														7	9	23	23
28/ 27			.4	.4														4	7	6	31
26/ 25																				9	36
24/ 23																				7	36
22/ 21																					34
20/ 19																			1		31
18/ 17																					22
16/ 15																					24
14/ 13																					12

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-76 YEARS | MAR 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
12/ 11																					11
10/ 9																					13
8/ 7																					3
2/ 1																					1
TOTAL	3.0	12.8	8.2	16.5	21.7	16.3	14.3	4.6	1.9	.2	.6							539	634	539	539

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obr	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1844453	29457	54.7	20.882	539							
Dry Bulb	1540119	30679	48.4	9.270	634		4.4	2.6	.9	.1		93
Wet Bulb	944888	22142	41.1	8.326	539		14.0					93
Dew Point	601069	16749	31.1	12.240	539		52.8					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79									.2									1	1		
76/ 75							.4											2	3		
74/ 73						.2												1	2		
70/ 69						.2	.4	.4		.2		.2						7	8		
68/ 67					.2		.2				.2							3	6		
66/ 65				.2	.4	.4	.2	.4			.2							9	11		
64/ 63					.9	.4	.2		.4	.2								10	23	4	
62/ 61			.2	.4	1.3	.7	1.6	.9	.9	.2								28	34	1	
60/ 59		.2		.2		.7	.4	1.1	.4									14	24	4	
58/ 57				.2	.7	.9	.7	.4										13	19	6	1
56/ 55	.2	.9	.9	1.6	.4	2.5	.7	1.3	.2									39	46	14	9
54/ 53	.2	.9	.2	.9	.7	.9	3.4	1.1	.4									39	51	14	8
52/ 51		1.1	.9	.7	.9	.9	2.7	.4	.7									37	50	17	3
50/ 49		1.6	.9	.7	2.0	2.7	2.7	.7										50	52	38	15
48/ 47		2.2	.4	.7	2.0	1.8	1.6	.9										43	52	29	20
46/ 45	.2	.9	.4	.9	1.6	1.8		.2										28	31	40	15
44/ 43		.4		.7	1.5	2.7	.4											26	33	29	27
42/ 41	.2	.9		1.3	2.2	1.3	.4											29	35	47	13
40/ 39	.2	.2	.4	.4	2.0	.7												18	22	47	22
38/ 37		.7	.9	.7	.4	.4												14	17	30	12
36/ 35		.4	.7	.4	.9													11	21	40	19
34/ 33		.7	.9	.9														11	13	25	11
32/ 31			.7	.9	.2													8	10	30	27
30/ 29		.7																3	5	16	34
28/ 27		.2																1	4	9	36
26/ 25																				5	36
24/ 23																					15
22/ 21																					30
20/ 19																					31
18/ 17																					17
16/ 15																					13
14/ 13																					14
12/ 11																					9
10/ 9																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | MAR MONTH

PAGE 2 | 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
8/ 7																					1
6/ 5																					1
TOTAL	1.1	12.1	7.6	11.9	18.9	19.3	16.2	8.1	3.4	.7	.4	.2						445	573	445	445

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1372643	23005	51.7	20.322	445							
Dry Bulb	1488742	28702	50.1	9.446	573		3.1	3.2	1.0	.2		93
Wet Bulb	806807	18621	41.8	7.886	445		12.5					93
Dew Point	480680	13822	31.1	11.660	445		56.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAR (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71																			1		
70/ 69																			1		
68/ 67																			1		
66/ 65						.3												1	5		
64/ 63				.7		.7												4	8		
62/ 61		.3	.7		.3	.3	.3											6	11		
60/ 59		1.0	.3	.3	.7	1.0	.3		.3	.3								13	21	4	
58/ 57					.7	1.4	.7											8	21	4	3
56/ 55		.7	1.0	1.0	1.4	.3	1.0	.3										17	28	2	3
54/ 53		1.0		2.4	1.0	1.4	1.4		.7									23	30	7	4
52/ 51		.3	1.0	1.0	.3	1.4	.3	.3										14	24	10	3
50/ 49		.3	.7	1.0	1.7	1.4	1.0											18	28	11	5
48/ 47	.7	1.7	2.1	4.2	3.1	2.8		.3										43	56	24	5
46/ 45		1.7	2.4	2.1	2.1	2.1	.7											32	44	20	10
44/ 43		.3		1.7	2.1	2.4												19	34	22	13
42/ 41		.7		1.7	2.1	2.4												20	26	34	17
40/ 39	1.0	.3		1.0	1.7	1.0												15	21	23	26
38/ 37		.7	.7	1.7	3.5	.7												21	27	25	10
36/ 35		1.4	.3	.3	1.4													10	15	22	14
34/ 33		.7	.7	1.0														7	14	22	11
32/ 31			.3	1.4														5	10	21	14
30/ 29		.3	.7	1.7														8	14	15	14
28/ 27		.7																2	7	10	22
26/ 25																				8	25
24/ 23																				2	9
22/ 21																					13
20/ 19																					14
18/ 17																					7
16/ 15																					21
14/ 13																					13
12/ 11																					7
10/ 9																					1
8/ 7																					1
4/ 3																					1

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												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-76 (YEARS) MAR (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
TOTAL	1.7	12.6	11.2	23.8	22.4	19.9	5.9	1.0	1.0	.3								286	447	286	286

Element (X)	ΣX^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.	1021655	16221	56.7	18.886	286							
Dry Bulb	1015208	20922	46.8	8.978	447		6.4	.6				93
Wet Bulb	473643	11421	39.9	7.850	286		18.2					93
Dew Point	306329	8761	30.6	11.540	286		52.7					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 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
72/ 71																			1		
70/ 69																			1		
66/ 65																			1		
64/ 63																			2		
62/ 61					.6													1	1		
60/ 59	.6	1.8																4	10	2	2
58/ 57		.6		.6			.6											3	9	3	1
56/ 55				.6														1	11		2
54/ 53		.6	.6	1.2		.6												5	15	1	
52/ 51		1.2	2.9	1.2	.6	.6	1.2											13	26	4	
50/ 49	.6	.6	.6	1.2	.6	1.8												9	23	4	5
48/ 47	1.2	1.8	1.2	1.8	.6													11	21	11	3
46/ 45		2.9	5.9	2.4	4.1	.6												27	40	5	4
44/ 43		.6	.6	2.4	1.8	1.8												12	23	13	13
42/ 41		1.2		4.7	4.7													18	38	16	4
40/ 39		1.2	2.9	2.9	3.5													18	27	16	7
38/ 37	.6	1.2	.6	3.5	1.2	.6												13	20	12	9
36/ 35			.6	2.9	2.4													10	22	21	9
34/ 33		2.9	1.2	2.9	.6													13	20	15	4
32/ 31				2.9	.6													6	11	17	8
30/ 29				.6														1	7	10	16
28/ 27	.6	.6	1.2	.6														5	11	12	16
26/ 25																			2	6	8
24/ 23																			2	2	10
22/ 21																			1		11
20/ 19																					8
18/ 17																					7
16/ 15																					13
14/ 13																					4
12/ 11																					2
10/ 9																					4
TOTAL	3.5	17.1	18.2	32.4	21.2	5.9	1.8												345		170
																		170		170	

Element (X)	ΣX^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.	720097	10617	62.5	18.371	170							
Dry Bulb	680675	15029	43.6	8.690	345		9.2	.5				93
Wet Bulb	252412	6420	37.8	7.678	170		25.7					93
Dew Point	173551	5087	29.9	11.234	170		58.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | MAR 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
80/ 79									.1									2	2		
78/ 77								.0										1	1		
76/ 75							.2											4	5		
74/ 73						.1												3	4		
72/ 71				.0			.1											3	5		
70/ 69				.1	.0	.1	.1	.1		.0		.0						11	14		
68/ 67					.1	.0	.0	.1			.2							12	17		
66/ 65			.0	.2	.3	.4	.2	.2	.0	.0	.0							30	38	3	
64/ 63		.1	.0	.4	.3	.4	.3	.2	.3	.1								45	68	10	1
62/ 61		.1	.3	.3	.6	.6	.6	.2	.3	.0								66	80	9	4
60/ 59	.0	.6	.2	.4	.3	.5	.4	.4	.3	.0								67	101	19	5
58/ 57		.0	.2	.4	.4	.8	.4	.2										59	102	33	15
56/ 55	.0	.5	.5	.8	.5	.8	.5	.5	.0									96	138	35	30
54/ 53	.1	1.0	.3	.8	.9	.8	1.1	.3	.2									126	164	63	29
52/ 51	.1	.9	1.0	.8	.8	.8	1.0	.2	.2									133	185	76	34
50/ 49	.2	1.2	1.0	1.3	1.4	1.2	1.3	.3										178	225	110	53
48/ 47	.7	1.7	1.0	1.6	1.8	1.3	1.1	.4										216	272	145	78
46/ 45	.7	1.6	1.5	1.7	2.0	1.7	.6	.1										226	273	162	84
44/ 43	.4	.8	.8	1.0	2.2	1.6	.5											165	208	163	117
42/ 41	.2	1.5	.8	1.5	2.9	1.1	.1											184	230	187	87
40/ 39	.3	1.0	1.1	1.7	2.0	.6												150	187	199	132
38/ 37	.4	.8	1.1	1.8	1.5	.3												132	160	167	90
36/ 35	.1	1.4	.7	1.4	1.0	.1												105	143	224	123
34/ 33	.1	1.0	1.3	1.1	.2													85	112	187	90
32/ 31	.1	.4	.6	1.5	.2													63	80	167	128
30/ 29	.1	.5	.8	1.0	.0													54	75	121	127
28/ 27	.1	.6	.4	.2	.0													3 :	51	76	138
26/ 25		.1	.3	.1														.?	20	63	158
24/ 23			.0															1	4	30	110
22/ 21		.0	.1	.0														4	5	10	140
20/ 19		.0																1	4	4	129
18/ 17																				3	93
16/ 15																			1		101
14/ 13																					62

Element (X)	ΣX^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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | MAR MONTH

 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
12/ 11																					55
10/ 9																					35
8/ 7																					7
6/ 5																					4
4/ 3																					3
2/ 1																					2
0/ -1																					2
TOTAL	3.7	16.2	14.0	20.3	19.3	13.2	8.3	3.1	1.4	.3	.2	.0							2974		2266
																		2266		2266	

Element (X)	ΣX^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.	8799197	133267	58.8	20.604	2266							
Dry Bulb	6604552	137174	46.1	9.661	2974		60.0	12.0	3.0	.5		744
Wet Bulb	3749038	90154	39.8	8.463	2266		155.6					744
Dew Point	2484601	70053	30.9	11.866	2266	.7	424.9					744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | APR 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
72/ 71				.4	.4	1.1												5	5		
70/ 69			.4		.4		.4	.4										4	4		
68/ 67			1.8	.7	.4	.7	.4											11	13	1	
66/ 65		.7	.7			.4												5	6	3	1
64/ 63			.7	.7														4	5	8	1
62/ 61		.7			1.5	.4												7	8	7	7
60/ 59		1.1	.4	.4	.4	1.1	.7											11	13	5	6
58/ 57		1.5	.4	1.1	1.8	.7	1.1	1.1										21	22	10	4
56/ 55		1.1	1.5	.4	1.1	.7	.7											15	16	8	11
54/ 53	.7	.7	1.8	1.5	1.8	2.2												24	35	12	7
52/ 51		1.1	.7	2.2	4.0	1.8												27	29	11	4
50/ 49	.4	1.5	1.8	2.2	1.5	1.1												23	39	16	15
48/ 47	.7	1.1	.7	3.7	3.3	.4	.4											28	34	25	13
46/ 45		1.8	3.3	2.2	2.2		.7											28	34	28	10
44/ 43		2.6	1.5	1.5	1.5	.4												20	23	31	12
42/ 41	.4		.7	.7	2.2	.7												13	17	34	19
40/ 39			1.1	1.8	.4													9	12	22	21
38/ 37			1.5	1.5	.4													9	12	11	10
36/ 35		.4																1	3	10	30
34/ 33				1.1	.4													4	4	19	19
32/ 31				.7														2	3	3	17
30/ 29																				2	19
28/ 27		.4																1	1	4	7
26/ 25																				2	9
24/ 23																					6
22/ 21																					9
20/ 19																					4
18/ 17																					2
16/ 15																					4
14/ 13																					4
12/ 11																					1
TOTAL	2.2	14.7	19.1	22.8	23.5	11.8	4.4	1.5										272	338		272
																		272		272	

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.	1197955	17451	64.2	17.001	272							
Dry Bulb	889678	17104	50.6	8.466	338		1.1	5.9				90
Wet Bulb	577782	12318	45.3	8.578	272		3.6	.3				90
Dew Point	439242	10468	38.5	11.426	272		27.1					90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | APR MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85										.2			.2					2	2		
84/ 83									.3		.2							3	3		
82/ 81								.2			.2							2	2		
80/ 79						.2		.2										2	2		
78/ 77							.3	.2										3	3		
76/ 75					.2	.2		.3	.5	.2								8	8		
74/ 73					1.2	.5	.2	.3	.2									14	14		
72/ 71				.3	.7	.7	.3			.2								13	13		
70/ 69			.2		.5		.3	.2	.2									8	8	2	
68/ 67			.5	.9	.3	.3	.2	.2	.2									15	18	8	
66/ 65		.2	.2	.3	.3	1.0	1.2	.5	.9									27	30	14	1
64/ 63		.3	.3	.5	.5	.9	.7	.9	1.0	.5								33	36	10	5
62/ 61			.2	.5	.2	1.6	1.4	.9	.7									31	34	22	18
60/ 59		.2		.9	.3	.9	1.4	1.0	.2									28	30	13	8
58/ 57		.3	.3	.5	1.6	1.0	2.1	.3	.3									38	39	16	11
56/ 55	.3	.7	.7	1.6	1.6	4.4	1.4	.5										64	66	23	16
54/ 53	.3	1.0	.7	.7	2.1	2.3	2.6	.7										60	67	22	10
52/ 51		1.7	.9	.7	2.3	2.3	1.2	.2										53	59	38	16
50/ 49	.3	1.2	.5	1.0	1.9	1.2	.7	.2										41	49	60	25
48/ 47	.3	.3	.5	.9	1.7	1.6	.5											34	36	51	29
46/ 45		1.6		.7	1.4	1.7	.7											35	39	76	36
44/ 43	.3	1.0	.5	.5	1.2	.7												25	26	63	28
42/ 41	.2	.2	.2		1.2	.9												15	16	40	32
40/ 39		.2			.5	.3												6	8	39	25
38/ 37					.3													2	3	21	32
36/ 35				.5	.2													4	4	21	46
34/ 33				.3	.2													3	3	14	32
32/ 31																				6	39
30/ 29			.3															2	2	7	45
28/ 27			.2															1	1	3	19
26/ 25																				3	20
24/ 23																					14
22/ 21																					24
20/ 19																					14

Element (X)	ΣX^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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | APR 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
18/ 17																						8
16/ 15																						10
14/ 13																						7
12/ 11																						2
TOTAL	1.9	9.1	6.3	11.0	20.6	22.7	15.4	6.8	4.5	1.0	.3		.2						572	621	572	572

Element (X)	ΣX^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.	1859250	30832	53.9	18.590	572							
Dry Bulb	1964867	34443	55.5	9.378	621		.4	10.6	4.9	1.3		90
Wet Bulb	1320197	27045	47.3	8.522	572		3.0	1.6				90
Dew Point	900061	21653	37.9	11.865	572		31.8					90

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 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
88/ 87											.5			.5				6	6		
86/ 85										.4	.2	.2		.4				6	6		
84/ 83									.4	.2		.2						4	5		
82/ 81									.2		.2							2	2		
80/ 79							.2	.4		.2	.2							5	6		
78/ 77						.2	1.4	.2		.2	.2	.2						13	13		
76/ 75						.9	.2		.4	.2	.2	.4						12	12		
74/ 73					.4					.2	.2							4	4		
72/ 71					.2	.2	.2	.5	.7	.4								12	13		
70/ 69			.4		.5	1.1	.9	1.6	.5	.7	.4							34	41		
68/ 67				.2	.5		1.3	.5	1.6	1.1								29	33	14	
66/ 65				.5	.2	.5	.9	.9	1.4	.5		.2						29	34	18	1
64/ 63		.2	.7	.5	.9	.7	1.4	.7	1.6	.4								40	41	5	2
62/ 61		.2	.7	.5	.7	.7	1.8	2.3	.9	.2								45	47	16	8
60/ 59		.4	.4	1.1	.5	1.1	2.5	2.2	1.1									51	55	25	16
58/ 57	.2	.2	.4	.4	.7	1.6	2.3	1.6	.5									44	46	21	17
56/ 55		.2	.7	1.1	.4	2.3	2.0	.9	.2									43	54	36	9
54/ 53	.4	.7	.7	.2	.5	1.4	2.0	.4										35	43	40	17
52/ 51	.5	1.8	.5	.4	1.3	1.1	1.1	.4										39	44	49	18
50/ 49	.2	.9	.2	.2	.4	1.1	1.6	.5										28	30	63	31
48/ 47	.2	.9			.5	2.0	.5		.2									24	24	61	25
46/ 45	.4			.2	.7	.4	.9											14	14	59	41
44/ 43	.2	1.1	.4	.2	.9	.7	.4											21	24	41	29
42/ 41		.7			.2	.4												7	7	26	21
40/ 39		.2			.4													3	5	24	23
38/ 37	.2																	1	2	30	40
36/ 35	.4																	2	2	11	41
34/ 33				.2														1	1	8	35
32/ 31			.4															2	2	6	38
30/ 29																				1	33
28/ 27																				2	21
26/ 25																					23
24/ 23																					13
22/ 21																					21

Element (X)	ΣX^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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71
9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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
20/ 19																						15
18/ 17																						7
16/ 15																						2
14/ 13																						5
12/ 11																						3
-8/ -9																						1
TOTAL	2.5	7.4	5.4	5.6	9.9	16.4	21.6	13.1	9.7	4.5	2.0	1.1		.9					556	616	556	556

Element (X)	ΣX^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.	1562033	27249	49.0	20.206	556							
Dry Bulb	2232844	36564	59.4	10.082	616		.3	20.6	7.9	3.2		90
Wet Bulb	1382504	27352	49.2	8.159	556		1.5	2.3				90
Dew Point	894863	21345	38.4	11.657	556	.2	29.5					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-78 YEARS — APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89												.2						1	1		
88/ 87													.2	.4				3	4		
86/ 85										.4		.2		.4				5	6		
84/ 83										.2	.2	.2						3	5		
82/ 81								.6	.9									7	8		
80/ 79								.2	.4	.2			.4					6	7		
78/ 77						.2	.4		.2									4	5		
76/ 75												.4		.2				3	7		
74/ 73					.2	.2	.9	.2	.2	.4	.4							12	14		
72/ 71					.6	1.1	.4	.4	1.5	.2	.6		.4					25	33		
70/ 69					.6	1.9	.2	1.7	1.3	1.1	.9							36	42		
68/ 67				.2	.2	.6	1.5		1.5	1.1	.4	.2						27	34	10	
66/ 65			.2	.2	1.5		.4	.2	2.6	1.1	.2							30	37	11	
64/ 63			.9	.6	.4	1.5	.2	1.7	1.5	1.1								37	42	10	
62/ 61		.2	.2	.2	.9	.4	1.7	1.1	1.1									27	33	24	5
60/ 59	.4	.4	.2		.2	1.3	3.7	3.2	.6									47	57	16	14
58/ 57		.6	.4	.4	.4	1.5	3.5	1.5	1.1									44	58	23	12
56/ 55		.4	1.7	.2	.2	.9	1.9	1.1										30	38	31	11
54/ 53	.2	.9	.9	.2	1.5	.9	.2	.4										24	35	29	25
52/ 51	.4	.9	.2	.6	1.1	1.3	.4	.4										25	28	44	14
50/ 49		.4	.2	.2	.6	1.3	1.5	.4										22	24	61	23
48/ 47			.4		.4	.6	.4	.4										11	14	37	19
46/ 45	.4		.6		.6	.6	.2											12	13	65	28
44/ 43		.6	.2	.2			.2											6	8	27	14
42/ 41		.9		.2	.2	.2												7	7	22	16
40/ 39		.2																1	4	17	31
38/ 37		.4		.2	.4													5	5	18	29
36/ 35																				7	36
34/ 33																				5	37
32/ 31	.4																	2	2	3	39
30/ 29	.2																	1	1	3	24
28/ 27																					21
26/ 25																					18
24/ 23																					13

Element (X)	ΣX^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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | APR 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
22/ 21																					8
20/ 19																					10
18/ 17																					9
16/ 15																					3
14/ 13																					3
12/ 11																					1
TOTAL	2.2	6.0	6.3	3.7	10.4	14.7	17.9	13.8	13.0	5.8	2.8	1.3	1.1	1.1				463	572	463	463

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1205585	21795	47.1	9.718	463							
Dry Bulb	2186751	34899	61.0	10.034	572		.5	26.1	9.0	4.4		90
Wet Bulb	1178781	23077	49.8	7.864	463		1.2	1.9				90
Dew Point	746607	17859	38.6	11.180	463		29.0					90

USAFETAC FORM 0-26-3 (CL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-78 YEARS — APR MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85														.3				1	2		
84/ 83									.3				.3					2	4		
82/ 81									.3									1	3		
80/ 79								.3										1	1		
78/ 77				.3		.3	.3	.3										4	8		
76/ 75						.7		.3		.3								4	7		
74/ 73					.3	.3				.3								3	7	1	
72/ 71					.7		.7	.7			.3							7	11		
70/ 69					1.0	1.3	.3		.7	1.0	.3							14	19		1
68/ 67					.3	1.7	.3	.7	.7	1.0								14	20	3	
66/ 65			.3		.7	1.3	.3	1.0	1.3	.3								16	26	7	
64/ 63			.3	.7	2.0	1.0	.3	2.0	.7	.3								22	30	3	1
62/ 61			.3	.3	1.0	.7	.3	2.0	.3									15	22	6	3
60/ 59				.3	1.7	1.7	4.3	.3	.3									26	37	9	2
58/ 57			.3		1.3	2.0	3.0	1.0	1.0									26	39	18	8
56/ 55		.7	1.0	.7	2.6	3.6	2.3	1.3										37	56	9	7
54/ 53	1.0	.7	1.7	1.0	1.0	2.3	1.0	1.0										29	46	21	7
52/ 51	.3	1.0	1.0	1.0	1.0	1.7	.3	.3										20	30	28	13
50/ 49				1.7	2.0	1.0	1.0											17	28	35	17
48/ 47			.7	1.0	.7	1.7	.3											13	17	36	13
46/ 45		.3			2.0	.3												8	13	38	14
44/ 43		.3		.3	1.0	.3												6	8	27	12
42/ 41		.3			1.3													5	6	16	17
40/ 39		1.0	.7															5	8	14	16
38/ 37		1.0																3	3	18	23
36/ 35																				8	34
34/ 33																				2	27
32/ 31																					24
30/ 29	.3																	1	1	1	10
28/ 27	.7																	2	2	2	16
26/ 25																					10
24/ 23																					12
22/ 21																					8
20/ 19																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) APR (MONTH)

PAGE 2 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
18/ 17																				1
TOTAL	2.3	5.3	6.3	7.3	20.5	21.9	14.9	11.3	5.6	3.3	.7		.3	.3				302	454	302	302

Element (X)	ΣX^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.	899480	15554	51.5	18.080	302							
Dry Bulb	1571718	26368	58.1	9.430	454		.6	16.3	6.3	2.0		90
Wet Bulb	722691	14595	48.3	7.591	302		.9	1.2	.3			90
Dew Point	477103	11605	38.4	10.174	302		25.9	.3				90

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | APR MONTH

PAGE 1 | 2100-2300 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77																			3		
76/ 75					.6													1	3		
74/ 73				.6		.6												2	6		
72/ 71																			4		
70/ 69				1.3						.6								3	5		
68/ 67																			2	2	
66/ 65					1.3	2.6	1.3											8	12		
64/ 63				.6	.6	1.9	.6	1.9										9	12	3	2
62/ 61			.6	.6	2.6		1.3											8	17		1
60/ 59			.6		1.3		.6											4	12		1
58/ 57			.6	1.3	1.9	3.2	1.3											13	37	6	1
56/ 55				1.9	.6	3.9	3.2											15	25	8	1
54/ 53	1.3	2.6	1.3	3.9	1.9	2.6												21	35	10	4
52/ 51	1.3		2.6	.6	2.6													11	35	14	7
50/ 49		.6		2.6	3.2		1.3											12	22	15	7
48/ 47			2.6		3.2	1.3												11	33	16	8
46/ 45			1.3	.6	3.9	4.5												16	27	16	16
44/ 43		1.3		.6	1.3	.6												6	8	15	6
42/ 41		.6			2.6													5	5	11	3
40/ 39		.6			.6													2	8	8	18
38/ 37		2.6		.6														5	11	12	8
36/ 35		.6																1	1	12	18
34/ 33																				4	12
32/ 31																				1	7
30/ 29		.6																1	1	1	5
28/ 27	.6																	1	1	1	10
26/ 25																					1
24/ 23																					1
22/ 21																					5
20/ 19																					5
18/ 17																					1
TOTAL	3.2	9.7	9.7	15.5	28.4	21.3	9.7	1.9		.6									325		155
																		155		155	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	592713	9201	59.4	17.382	155
Dry Bulb	958747	17427	53.6	8.657	325
Wet Bulb	336714	7128	46.0	7.610	155
Dew Point	240401	5907	38.1	7.963	155

Mean No. of Hours with Temperature						
	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		.6	6.4	3.3			90
Wet Bulb		1.7	1.2				90
Dew Point		24.4					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-78 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
90/ 89												.0						1	1		
88/ 87											.1		.0	.2				9	10		
86/ 85										.2	.0	.1	.0	.2				14	16		
84/ 83									.2	.1	.1	.1	.0					12	17		
82/ 81								.2	.3		.1							12	15		
80/ 79						.0	.0	.2	.1	.1	.0		.1					14	16		
78/ 77				.0		.1	.6	.1	.0	.0	.0	.0						24	32		
76/ 75					.1	.3	.0	.1	.2	.1	.0	.2		.0				28	37		
74/ 73				.0	.5	.3	.2	.1	.1	.2	.1							35	43	1	
72/ 71				.1	.2	.6	.3	.3	.5	.2	.2		.1					63	80		
70/ 69			.2	.1	.6	.8	.4	.8	.5	.6	.3							99	119	2	1
68/ 67			.3	.4	.3	.5	.7	.3	.8	.6	.1	.0						96	120	38	
66/ 65		.1	.2	.3	.6	.8	.7	.5	1.2	.4	.0	.0						115	145	53	3
64/ 63		.1	.6	.6	.7	.9	.6	1.1	1.0	.5								145	166	39	11
62/ 61		.2	.3	.4	.9	.8	1.2	1.2	.6	.0								133	161	76	42
60/ 59	.1	.3	.2	.6	.6	1.1	2.4	1.5	.5									167	204	68	47
58/ 57	.0	.4	.4	.5	1.2	1.5	2.4	1.0	.6									186	241	94	53
56/ 55	.1	.5	1.0	.9	1.0	2.6	1.8	.7	.0									204	255	115	56
54/ 53	.5	.9	1.0	.8	1.4	1.8	1.3	.5										193	261	134	70
52/ 51	.3	1.3	.8	.8	1.9	1.5	.7	.3										175	225	186	72
50/ 49	.2	.8	.4	1.0	1.3	1.1	1.1	.3										143	192	250	118
48/ 47	.2	.4	.6	.8	1.3	1.3	.4	.1	.0									121	158	226	107
46/ 45	.2	.6	.6	.5	1.4	1.0	.5											113	140	282	145
44/ 43	.1	1.1	.4	.5	.9	.5	.1											84	97	204	101
42/ 41	.1	.5	.1	.1	1.0	.4												52	58	149	108
40/ 39		.3	.2	.2	.3	.1												26	45	124	134
38/ 37	.0	.4	.2	.3	.2													25	36	110	142
36/ 35	.1	.1		.1	.0													8	10	69	205
34/ 33				.3	.1													8	8	52	162
32/ 31	.1		.1	.1														6	7	19	164
30/ 29	.1	.0	.1															5	5	15	136
28/ 27	.1	.0	.0															5	5	12	94
26/ 25																				5	81
24/ 23																					66

Element (X)	ΣX^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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (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
22/ 21																					75
20/ 19																					54
18/ 17																					28
16/ 15																					19
14/ 13																					19
12/ 11																					7
-8/ -9																					1
TOTAL	2.3	8.3	7.8	9.4	16.8	18.1	15.6	9.3	6.8	3.0	1.2	.5	.3	.5					2927		2321
																		2321		2321	

Element (X)	Σx^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.	7320265	122139	52.6	19.618	2321							
Dry Bulb	9809640	166876	57.0	20.051	2927		4.2	125.0	46.5	17.0		720
Wet Bulb	5522513	111577	48.1	8.271	2321		15.8	12.7	.3			720
Dew Point	3700302	88892	38.3	11.292	2321	.3	230.8	.3				720

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79									.3									1	1		
78/ 77					.3													1	1		
76/ 75				.3	.3	.5												4	5		
74/ 73			.8	.3	.3	.3				.3								7	7		
72/ 71		.5	1.0	.5	1.3	.8												16	16		
70/ 69		.8	1.3	1.8	1.8	.8	.3											26	30	8	2
68/ 67		.5	1.3	2.8	1.3	.5		.5										27	29	12	8
66/ 65		1.3	2.3	1.5	2.0	.3	.5		.3									32	42	17	9
64/ 63		2.5	2.8	1.8	1.8	1.0	.5		.3									42	48	23	13
62/ 61	.3	2.5	1.5	2.3	.5	1.0	.8	.3	.3									37	45	44	22
60/ 59	.8	3.8	1.5	1.8	.8	1.3	.5											41	52	35	32
58/ 57	.8	2.5	2.0	1.3	1.3	1.0	.5	.3										38	48	44	45
56/ 55	.3	2.0	1.8	1.5	1.8	.5												31	40	34	30
54/ 53	1.0	1.3	2.5	1.0	1.0	.8	.3											31	33	38	32
52/ 51	.5	1.5	1.0	.5	.8	.3												18	22	30	33
50/ 49	.5	1.8	.3	.8	1.5	.5												21	25	33	27
48/ 47		1.0	1.5	.3	1.5	.3												18	23	31	27
46/ 45	.3	.8		.3	.5													7	14	15	24
44/ 43					.3													1	4	15	13
42/ 41			.3															1	2	8	19
40/ 39																				10	18
38/ 37																			1	2	6
36/ 35																				1	8
34/ 33																					8
32/ 31																					10
30/ 29																					9
28/ 27																					3
26/ 25																					2
TOTAL	4.3	22.5	21.5	18.3	18.5	9.5	3.3	1.0	1.0	.3								400	488	400	400

Element (X)	ΣX^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.	2233399	29139	72.8	16.656	400							
Dry Bulb	1755049	29039	59.5	7.453	488			17.0	2.7			93
Wet Bulb	1232355	22011	55.0	7.280	400			4.7				93
Dew Point	1063342	20264	50.7	9.599	400		5.6	2.3				93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAY (MONTH)

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87								.2		.4								3	3		
86/ 85																			1		
84/ 83								.2	.2									2	3		
82/ 81						.4	.4	.2										5	5		
80/ 79					.5	1.2	.5	.5	.2									17	18		
78/ 77				.2	.5	.4	1.1	.2	.4	.4								17	17		
76/ 75			.2	1.1	.5	1.8	1.1	1.2	.5	.2								37	37		
74/ 73		.4	.2	1.4	.7	2.5	1.4	.4	.4				.2					42	45	2	
72/ 71		.4	.2	.5	1.8	2.1	1.2	.7		.2		.2						41	48	10	
70/ 69		.9	1.8	1.6	1.1	.9	.5	.9	.5	.2	.2							48	56	26	8
68/ 67		.2	.5	1.8	1.4	1.4	.9	.5	.5	.4								43	50	28	21
66/ 65	.2	.9	1.2	1.4	1.2	1.9	1.2	.5	.9									54	59	44	17
64/ 63	.4	1.1	.5	1.1	2.3	1.8	1.6	.9	.7	.2								59	65	55	25
62/ 61	.5	.9	.5	1.2	1.6	.7	.7	.7										39	45	51	35
60/ 59	.7	1.1	.5	1.9	.5	.9	.5	.2										36	42	46	50
58/ 57	.7	1.2	1.1	.9	.7	.9	.4	.2										34	39	51	45
56/ 55	.5	1.4	.2	.4	.7	.9	.9	.4										30	31	57	43
54/ 53	.4	1.4	.4		.4	.9	.9											24	26	49	35
52/ 51	.4	1.1	.2		.5	1.4	.2											22	26	40	34
50/ 49	.2	.9				.5												9	9	40	38
48/ 47	.2	.4	.2		.2													5	9	23	36
46/ 45		.2																1	1	17	30
44/ 43																				12	14
42/ 41																				14	19
40/ 39																				3	17
38/ 37																					13
36/ 35																					12
34/ 33																					19
32/ 31																					10
30/ 29																					13
28/ 27																					10
26/ 25																					3
22/ 21																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-76 YEARS | MAY MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	4.0	12.1	7.6	13.4	14.6	20.6	13.4	7.7	4.2	1.8	.2	.2	.2					568	635	566	568

Element (X)	ΣX^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	243^367	35017	62.7	19.013	568							
Dry Bulb	2744603	41427	65.2	8.133	635			41.4	18.7	2.3		93
Wet Bulb	1911752	32683	57.5	7.454	566			10.6	.3			93
Dew Point	155^061	29075	51.2	10.437	568		6.1	4.7				93

USAFETAC FORM 0-26-3 (OL-A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91												.2							1	1		
90/ 89									.5		.4								5	5		
88/ 87																				1		
86/ 85									.2		.2								2	2		
84/ 83						.2	.4	.4	.2	.2	.4	.2							10	11		
82/ 81						.7	.4	.5	.2	.7									14	15		
80/ 79				.5	.5	1.5	.7	1.8	.2	.5	.2	.2							34	34		
78/ 77				.4	1.3	.5	.7	1.6	.5	1.3	.9								40	43		
76/ 75				1.1	.9	2.4	1.6	.9	1.3	.4	.2	.2	.2						50	57	2	
74/ 73		.2	.4	1.6	.7	1.6	1.5	.4	1.1	.4		.2	.2						45	52	7	
72/ 71			.4	.5	1.5	1.3	1.1	.9	.2	.5	.2	.7							40	47	11	3
70/ 69		.4	.7	1.6	.7	.9	.7	1.3	.7	1.1	.2	.2							47	57	35	5
68/ 67		.4	.5	.5	.2	1.8	1.3	1.1	.5										35	42	38	18
66/ 65		.9	.9	1.1	.9	1.6	2.9	1.3	1.1	.5									62	65	41	28
64/ 63	.4	.4	.7	.7	1.0	1.1	1.3	.2	.4										37	43	62	27
62/ 61	.9	.7	.7	1.6	1.1	.4	.4	.2	.4										35	39	49	33
60/ 59	.5	1.3	.4	.5	.4		.5	.4	.5										25	29	43	40
58/ 57	.2	.7	.4	.2	.7	.4	.5	.2											18	19	61	50
56/ 55	.7	1.3			.2		1.3	.4											21	27	51	39
54/ 53		1.1			.4	.2	1.5												17	18	54	25
52/ 51		.5		.4															5	8	27	52
50/ 49	.4		.2	.2															4	6	24	32
48/ 47			.5																3	5	10	27
46/ 45																					20	41
44/ 43																					11	20
42/ 41																					6	24
40/ 39																						16
38/ 37																						11
36/ 35																						12
34/ 33																						5
32/ 31																						9
30/ 29																						12
28/ 27																						12
26/ 25																						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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAY (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
24/ 23																					1
TOTAL	3.1	7.8	5.8	11.1	11.1	14.5	16.7	11.5	8.0	5.6	2.5	1.8	.4					550	626	550	550

Element (X)	ΣX^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.	1990886	31276	56.9	19.668	550							
Dry Bulb	2979398	42864	68.5	8.426	626			54.5	32.8	7.3		93
Wet Bulb	1939936	32420	58.9	7.259	550			15.4	1.5			93
Dew Point	1509982	28218	51.3	10.648	550		7.1	4.4				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAY (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91									.2			.5						3	3		
90/ 89												.2						1	1		
88/ 87																			1		
86/ 85							.2	.5	.5									5	6		
84/ 83						.5	.2	.2		.2		.2						6	12		
82/ 81					.2	.5	.7	.7	1.2	.7	.5	.7	.2					23	37		
80/ 79					.2	.7	1.2	1.0	1.7	.2	.2	.2						23	26		
78/ 77				.2	.2	1.2	1.7	1.2	1.0	2.2	.5	.2	.2					36	47		
76/ 75				.5	1.0	.5	2.0	.7	.5	.2	.5	.2	.2					26	37	1	
74/ 73				.5	1.0	2.0	.7	1.5	.5	1.7	.2							33	39	5	
72/ 71	.2	.2		.5	1.7	1.7	.7	.5	2.2	.2	.5	.2						36	56	12	1
70/ 69			.7	.7	.7	2.0	.7	.5	1.0	1.7	.2	.2						35	48	13	4
68/ 67		.5	.5	.5	1.0	.2	.5	2.0	.7	.5								26	34	25	7
66/ 65	.2	.2	.7	1.2	1.2	1.7	1.2	1.2	.2	.7								36	41	31	14
64/ 63		1.0	.7	.7	.7	1.2	.2	.2	.2									21	22	47	16
62/ 61	.7	.7	.2		2.0	.7	.5	.5	.7									25	29	33	26
60/ 59	.7	3.2	.7	.2	.2			1.5										27	34	52	35
58/ 57	.2	1.2	.2				.2	.7										12	17	40	34
56/ 55	.7	.7	.7			.2	1.0	.5										16	22	43	34
54/ 53		.7	.2		.7		.2											8	10	36	29
52/ 51					.2													1	4	25	25
50/ 49	.7																	3	9	9	28
48/ 47																				9	22
46/ 45																			1	12	23
44/ 43																			2	8	20
42/ 41																				1	18
40/ 39																					11
38/ 37																					7
36/ 35																					8
34/ 33																					8
32/ 31																					8
30/ 29																					13
28/ 27																					5
26/ 25																					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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM AR. OBSOLETE JUN 71

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 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
TOTAL	3.7	8.7	5.2	5.2	11.4	13.4	12.4	13.7	10.9	6.7	2.7	3.0	.7					402	538	402	402

Element (X)	ΣX^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.	1389840	22112	55.0	20.805	402							
Dry Bulb	2641215	37395	69.5	8.842	538			60.0	36.1	13.0		93
Wet Bulb	1420488	23740	59.1	6.798	402			13.0	1.4			93
Dew Point	1085152	20470	50.9	10.326	402		6.9	3.2				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | MAY 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
90/ 89																			1		
84/ 83						.3												1	3		
82/ 81						.3			.7		.3	.3						5	10		
80/ 79				.3	1.0	.7	.7	1.4	.3	.7	.3							16	23		
78/ 77						.7			.7	.7		.3						7	23		
76/ 75				.3	1.0	1.4	.7	.7	.7	.3								15	27		
74/ 73				1.4	1.7	1.7	1.0	2.1		.3								24	37	2	
72/ 71			1.4	.3	1.7	3.5	.7	1.0	.3	1.0	.3							30	37	4	
70/ 69		.3	1.4	1.0	3.5	1.0	1.0	1.4	.7	.3								31	44	8	1
68/ 67			.7	.3	1.7	1.0	3.1	.7	1.0									25	44	20	8
66/ 65				2.1	1.4	1.7	1.0	.3	.3	.3								21	35	16	13
64/ 63		1.4	1.7	2.4	.7	2.4	1.7	.3	.3									32	45	21	6
62/ 61	.3	1.4		1.0	1.7	.3	.3	.7										17	22	40	15
60/ 59	.7	1.0	1.0	.3	1.0	1.4		.3										17	29	31	22
58/ 57	.3	1.4	.7	1.0		.7	.3											13	16	29	31
56/ 55		1.0				.3	.7											6	15	33	26
54/ 53		1.7			.3	1.0	.3											10	15	26	18
52/ 51		1.4		.3		.3												6	7	21	18
50/ 49	.3		.7		.7													5	9	9	27
48/ 47	.3	.3		.3														3	5	6	20
46/ 45	.3	.3																2	5	10	25
44/ 43																				7	8
42/ 41																				3	11
40/ 39																					12
38/ 37																					5
36/ 35																					5
34/ 33																					3
32/ 31																					4
30/ 29																					7
28/ 27																					1
TOTAL	2.4	10.5	7.7	11.5	16.8	19.2	11.9	9.1	5.2	3.8	1.0	.7						286	452	286	286

Element (X)	ΣX^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.	115850	17408	60.9	18.664	286							
Dry Bulb	205752	30746	66.9	8.399	452			51.2	25.5	3.9		93
Wet Bulb	97145	16617	58.1	8.669	286			11.1	.7			93
Dew Point	78234	14727	51.5	9.177	286		3.9	2.9				93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-75,77-76 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
80/ 79					1.1													1	1		
78/ 77																			1		
76/ 75																			4		
74/ 73				1.1			1.1											2	10		
72/ 71			1.1		3.2	2.2	1.1											7	17	1	
70/ 69		1.1	2.2		3.2		1.1											7	17		
68/ 67		1.1	2.2	1.1	1.1	1.1												6	17	6	2
66/ 65		2.2	1.1	3.2	2.2	2.2												10	25	1	3
64/ 63		3.2	2.2	2.2	2.2	6.5	1.1	1.1										17	33	10	3
62/ 61		2.2	1.1	1.1	2.2													6	16	9	5
60/ 59	1.1		2.2	3.2	4.3		1.1	2.2										13	21	11	5
58/ 57		2.2		3.2	4.3													9	17	7	11
56/ 55		2.2																2	11	12	8
54/ 53		3.2	1.1															4	6	9	5
52/ 51		2.2			1.1													3	4	11	6
50/ 49		1.1																1	4	7	12
48/ 47	1.1		1.1	1.1	1.1													4	8	2	10
46/ 45																			2	4	7
44/ 43		1.1																1	1		3
42/ 41																				3	4
40/ 39																					3
38/ 37																					1
36/ 35																					2
34/ 33																					1
32/ 31																					2
TOTAL	2.2	21.5	14.0	16.1	25.8	11.8	5.4	3.2											215		93
																		93		93	

Element (X)	ΣX^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.	473577	6465	69.5	6.204	93							
Dry Bulb	863588	13540	63.0	7.131	215			29.6	6.4			93
Wet Bulb	298735	5237	56.3	6.452	93			7.0				93
Dew Point	252341	4781	51.4	8.442	93		2.0	2.0				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 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
92/ 91									.0			.1						4	4		
90/ 89									.1		.1	.0						6	7		
88/ 87								.0		.1								3	5		
86/ 85							.0	.1	.1		.0							7	9		
84/ 83						.2	.1	.2	.1	.1	.1	.1						19	29		
82/ 81					.0	.4	.3	.3	.3	.3	.1	.2	.0					47	67		
80/ 79				.2	.5	.9	.6	.9	.5	.3	.1	.1						92	103		
78/ 77				.2	.5	.5	.7	.7	.5	.9	.3	.1	.0					101	132		
76/ 75			.0	.7	.7	1.3	1.1	.7	.6	.2	.1	.1	.1					132	167	3	
74/ 73		.1	.3	1.1	.8	1.6	1.0	.7	.4	.5	.0	.0	.1					153	190	16	
72/ 71	.0	.2	.5	.5	1.7	1.8	.8	.6	.5	.3	.2	.3						170	221	38	4
70/ 69		.5	1.2	1.3	1.4	1.0	.7	.8	.6	.7	.1	.1						194	252	90	22
68/ 67		.3	.7	1.2	1.0	1.1	1.0	.9	.5	.2								162	216	127	64
66/ 65	.1	.8	1.1	1.5	1.3	1.5	1.4	.7	.6	.3								215	267	150	84
64/ 63	.2	1.3	1.2	1.3	1.6	1.7	1.1	.4	.4	.0								208	256	218	90
62/ 61	.6	1.2	.7	1.3	1.4	.6	.5	.4	.3									159	196	226	136
60/ 59	.7	1.9	.8	1.1	.7	.6	.4	.5	.1									159	207	218	184
58/ 57	.4	1.4	.9	.7	.7	.6	.4	.3										124	156	232	216
56/ 55	.5	1.3	.5	.3	.5	.4	.8	.3										106	146	230	180
54/ 53	.3	1.3	.6	.2	.5	.5	.7											94	108	212	144
52/ 51	.2	.9	.2	.2	.3	.5	.0											55	71	154	188
50/ 49	.4	.6	.2	.2	.3	.2												43	62	122	164
48/ 47	.1	.3	.5	.1	.3	.0												33	50	81	142
46/ 45	.1	.2		.0	.1													10	23	76	150
44/ 43		.0			.0													2	7	53	78
42/ 41			.0															1	2	35	95
40/ 39																				13	77
38/ 37																			1	2	43
36/ 35																				1	47
34/ 33																					44
32/ 31																					41
30/ 29																					56
28/ 27																					31
26/ 25																					17

Element (X)	ΣX^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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477 5434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) MAY (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
24/ 23																					1
22/ 21																					1
TOTAL	3.5	12.5	9.4	12.1	14.6	15.4	11.7	8.5	5.7	3.8	1.3	1.1	.3					2299	2954	2299	2299

Element (X)	ΣX^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.	9684919	142017	61.8	19.922	2299							
Dry Bulb	13039605	194511	65.8	8.858	2954			353.1	179.6	40.0		744
Wet Bulb	7781413	132705	57.7	7.265	2299			88.7	6.1			744
Dew Point	6243249	117535	51.1	10.098	2299		47.6	29.1				744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-78 YEARS — JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83						.2												1	1		
82/ 81			.2		.2	.2	.2											4	5		
80/ 79				.5	1.0	1.7	.2											14	15		
78/ 77			.5	1.5	3.0	1.0	.2											25	26	1	
76/ 75		.5	2.5	3.7	1.0	.7		.2										35	40	1	1
74/ 73	.5	1.7	4.5	4.0	1.2	.5	.2	.5										53	60	14	4
72/ 71	1.0	2.7	2.2	2.2	1.7	.7	.5	.7										48	57	46	15
70/ 69	1.5	4.0	3.0	1.0	1.0	.7	.7											48	56	63	50
68/ 67	.2	1.7	2.2	2.5	1.2	1.7	.2											40	50	48	43
66/ 65		4.5	2.7	1.2	1.7	.7												44	55	41	46
64/ 63	.2	1.7	1.2	.7	1.5	.2												23	26	36	44
62/ 61		1.2	2.2	.5	1.0	.5												22	26	35	33
60/ 59		1.5	1.5	.7	.7	.5												20	28	36	31
58/ 57		.2	.2	1.5	.5	.2	.2											12	14	31	28
56/ 55			.5	.7	.2													6	7	13	16
54/ 53		.2			.2	.2												3	5	11	18
52/ 51	.2				.2	.2												3	4	12	22
50/ 49																				8	17
48/ 47				.2														1	1		14
46/ 45																				2	3
44/ 43																				3	6
42/ 41																				1	4
40/ 39																					1
38/ 37																					1
36/ 35																					2
34/ 33																					1
32/ 31																					2
TOTAL	3.7	20.1	23.6	21.1	16.7	10.4	2.7	1.5											476		402
																		402		402	

Element (X)	ΣX^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.	2391798	30512	75.9	13.760	402							
Dry Bulb	2269742	32724	68.7	6.331	476			58.6	27.8	2.6		90
Wet Bulb	1663621	25729	64.0	8.492	402			38.7	3.6			90
Dew Point	1509903	24419	60.7	8.145	402		.4	25.3	1.1			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUN (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89									.2	.2	.2							3	3		
88/ 87				.2		.2	.7	.3		.2	.2	.2						11	11		
86/ 85			.2	.2		.3	.3	.9	.5	.2								15	18		
84/ 83			.2	.2	.5	.9	1.6	.3	.9	.7								30	33		
82/ 81				.7	1.2	3.3	1.2	1.0	.5	.2	.2							48	51	2	
80/ 79			.3	2.1	3.3	2.2	1.2	1.4	.2	.2	.3							65	69	2	2
78/ 77		.3	1.0	3.1	3.1	1.6	.9	.9	.7	.3								69	74	3	1
76/ 75		.5	.9	3.1	1.9	1.7	.7	1.7	.9	.2								67	78	19	4
74/ 73		.7	1.7	1.2	.7	1.0	.7	1.2	.3	.5								47	53	65	12
72/ 71	1.4	1.2	1.2	1.4	1.6	1.6	1.4	.9	.3									63	65	82	43
70/ 69	.2	.9	1.6	1.6	1.2	.3	1.0	1.0	.5									48	49	69	59
68/ 67		1.0	1.0	.3	.2	.3	.5		.2									21	24	59	75
66/ 65	.3	1.4	1.4	.7	1.0	.3	.3	.2	.2									34	35	73	52
64/ 63	.2	.9	.5	.9	1.0	.7		.3										26	29	35	41
62/ 61		1.0	.3	.2	.2	.2	.3											13	13	58	54
60/ 59		.5	.2		.2	.3	.2											8	9	30	43
58/ 57		.5					.3											5	5	36	36
56/ 55		.2			.2	.2												3	3	17	32
54/ 53		.3																2	2	14	20
52/ 51																				5	36
50/ 49																				6	14
48/ 47																					14
46/ 45																				3	15
44/ 43																					5
42/ 41																					6
40/ 39																					5
38/ 37																					4
36/ 35																					1
34/ 33																					1
32/ 31																					2
30/ 29																					1
TOTAL	2.1	9.5	10.0	15.7	16.3	15.2	11.4	10.2	5.4	2.6	.9	.2							624		578
																		578		578	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum	2635560	37012	65.4	16.753	57c
Dry Bulb	3480191	46407	74.4	6.810	624
Wet Bulb	2549511	38211	66.1	8.371	57c
Dew Point	2202067	35231	61.1	8.674	57c

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum			76.2	56.3	21.3		90
Dry Bulb			46.9	14.2	.5		90
Wet Bulb		.5	30.5	3.0	.2		90
Dew Point							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-78 YEARS — JUN MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93										.2								1	1		
92/ 91									.2	.2	.2							3	3		
90/ 89				.4	.2		.4		.2	.5	1.1	.4	.5					20	20		
88/ 87					.4	.7	.2	.7	.9	.5	.4	.4						23	26		
86/ 85					.7	1.2	1.1	1.1	.9	.4	.9	.4						37	42		
84/ 83			.2		.9	2.0	2.1	1.4	1.2	.9	.2		.4					52	58	2	
82/ 81				1.4	4.3	2.3	1.4	1.8	.9	.5	.7							75	83	2	2
80/ 79				2.1	3.2	2.5	1.2	1.1	1.6	.5	1.1		.2					76	84	3	2
78/ 77			.7	1.2	2.0	.5	.2	2.0	1.4	1.1	.4							53	60	11	3
76/ 75		.4	.2	2.0	.7	.9	.5	1.8	2.0	.4	.2							50	59	30	2
74/ 73		.4	.4	1.9	1.2	1.1	1.1	.9	.5	.4	.2							43	45	34	19
72/ 71	.5		.5	.5	.5	.4	.7	1.2	.7									29	32	60	46
70/ 69		.4	.9	.2	.7	.7	1.1	.5	.5									28	29	61	43
68/ 67		.7	.5	.7	.9	.5	.2	.5		.4								25	25	56	61
66/ 65	.5	.7	.2	.5	.2	1.1	.2	.2	.4									22	23	54	47
64/ 63		.2	.7			.4	.5	.2										11	11	44	48
62/ 61		.2	.2	.2				.2										4	4	55	40
60/ 59		.4	.2															3	6	36	26
58/ 57		.4	.7															6	6	27	39
56/ 55		.2																1	1	17	25
54/ 53																				10	40
52/ 51																				6	31
50/ 49																				3	23
48/ 47																				1	25
46/ 45																					12
44/ 43																					5
42/ 41																					10
40/ 39																					2
38/ 37																					5
36/ 35																					2
34/ 33																					4
TOTAL	1.1	3.7	5.4	11.0	15.1	14.2	10.9	13.5	11.4	5.9	5.2	1.1	1.1					562	618		562
																				562	

Element (X)	ΣX^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.	2047540	32568	58.0	6.930	562							
Dry Bulb	374 432	47938	77.6	6.962	618			82.6	70.0	40.0	.1	90
Wet Bulb	253 043	37555	66.8	6.469	562			49.5	21.1	.6		90
Dew Point	2102425	33381	60.5	7.229	562			20.5	4.5	.2		90

USAFETAC FORM 0-23-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-78 YEARS — JUN MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93									.3									1	1		
92/ 91					.3				.5	.3		.3						5	5		
90/ 89				.3	.3	.3	.3	.3	.3		.5	1.6						14	15		
88/ 87					.5		.8	.3	.8	.5	6.3	.3						21	32		
86/ 85				.3	.8	2.9	.8	1.3	1.6	1.8	.3							37	43		
84/ 83				.3	.8	3.9	2.9	.8	.8		.3	.5						29	54	3	
82/ 81					2.6	3.6	2.9	2.1	.3	.8	1.3	.8		.3				56	64	1	3
80/ 79			.5	1.8	2.1	4.7	.8	2.3	1.6	1.8	1.3							65	88	5	1
78/ 77		.5	.5	1.3	1.6		.5	1.8	1.8	.3	.3							33	53	6	2
76/ 75		.3	.5	1.3	.8	.3	.5	1.0	.8	.8								24	33	28	4
74/ 73		.8		1.0	.8	.5	.3	.5		.3								16	30	49	8
72/ 71	.3	.5	.6	.5	.3	.3	2.1	1.0	.3	.5	.3							26	35	52	31
70/ 69		.3	.5	.5	1.6	.8		.8	.5	.8								22	25	52	36
68/ 67				.3	.5		.3											4	8	45	36
66/ 65	.3	.8		.8		.3	.8	.3										12	13	20	50
64/ 63		.5				.5												4	7	36	25
62/ 61			.8															3	5	35	22
60/ 59																			1	17	28
58/ 57		.3	.5															3	3	15	22
56/ 55																			1	10	20
54/ 53																				6	24
52/ 51																				5	24
50/ 49																					5
48/ 47																					14
46/ 45																					16
44/ 43																					4
40/ 39																					2
38/ 37																					4
36/ 35																					2
34/ 33																					2
TOTAL	.5	3.9	4.2	8.3	12.7	17.9	12.7	12.5	9.4	7.8	6.5	3.4		.3				385	516	385	385

Element (X)	ΣX^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.	1324700	21690	56.3	16.357	385							
Dry Bulb	3210559	40557	78.6	2.657	516			84.8	72.9	44.3	.2	90
Wet Bulb	1775515	26033	67.6	6.294	385			56.3	21.5	1.2		90
Dew Point	1464931	23489	61.0	9.108	385			28.3	4.2	.7		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | JUN 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								.3										1	1		
90/ 89								.3				.3						2	2		
88/ 87				.7			.3											3	3		
86/ 85				.3			1.0			1.0		.3						8	13		
84/ 83			.7	.3	.7	.7	2.1	1.0	.3	.7								19	23	1	
82/ 81			.7	1.0	2.1	2.8	1.4	1.4	.3	.3	.3	.3						31	44	1	1
80/ 79				.7	5.5	2.4	1.0	1.0	1.0	.7	1.7	.3						42	56	3	1
78/ 77			.7	2.8	4.1	.7	2.1	1.4	.7	1.4								40	61	7	3
76/ 75			2.8	4.5	.3	1.4	.7	1.0	1.7									36	55	5	5
74/ 73		2.1	1.4	1.4	.3	2.8	2.1	1.0	.3	.3								34	56	32	4
72/ 71		1.0	1.4	1.7	.3	.7	1.0		.3									19	35	44	8
70/ 69		.3	1.0	.3	.7	1.0	.7	.3	.7									15	22	40	41
68/ 67				.7	.7	1.0		.3										8	14	33	43
66/ 65	1.0	1.4	.3	1.4	.7		1.0											17	19	21	29
64/ 63		.3	.7	.3		.3												5	10	24	21
62/ 61		1.0			.3													4	8	29	16
60/ 59		1.0		.3														4	8	29	18
58/ 57			.7															2	5	8	18
56/ 55																				5	18
54/ 53																				9	17
52/ 51																					11
50/ 49																					13
48/ 47																					8
46/ 45																					8
44/ 43																					2
42/ 41																					3
40/ 39																					2
TOTAL	1.0	7.2	10.3	16.6	15.9	13.8	13.4	8.3	5.5	4.5	2.1	1.4							435		290
																		290		290	

Element (X)	ΣX^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.	1261607	18497	63.8	16.826	290							
Dry Bulb	2476371	32705	75.2	6.347	435			79.7	65.0	24.4		90
Wet Bulb	1308518	19404	66.9	5.938	290			51.5	15.2	1.6		90
Dew Point	1122083	17875	61.6	8.382	290			32.9	4.3	.3		90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUN (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89																			1		
84/ 83			2.2															2	2		
82/ 81			1.1			2.2												3	4		
80/ 79			3.2	2.2		2.2												7	10	2	
78/ 77		2.2		2.2	2.2	2.2				1.1								9	22	2	2
76/ 75			3.2	3.2	4.3													10	21	4	5
74/ 73		2.2	2.2	2.2		1.1	1.1											8	23	3	1
72/ 71		3.2	6.5		4.3	3.2		3.2		1.1								20	42	12	4
70/ 69		2.2	1.1	1.1	3.2	1.1			1.1									9	31	14	7
68/ 67		4.3	1.1	2.2	2.2	2.2												11	20	13	12
66/ 65		2.2		1.1														3	9	7	14
64/ 63		1.1	2.2	1.1														4	9	4	9
62/ 61		1.1		1.1														2	5	12	4
60/ 59	1.1	2.2		2.2														5	7	10	3
58/ 57																			5	6	8
56/ 55																			2		12
54/ 53																				4	2
52/ 51																					1
50/ 49																					5
48/ 47																					2
42/ 41																					1
38/ 37																					1
TOTAL	1.1	20.4	22.6	18.3	16.1	14.0	1.1	3.2	1.1	2.2								93	213	93	93

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. Hours with Temperature ≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	531052	6886	74.0	15.177	93							
Dry Bulb	1083960	15144	71.1	5.845	213			74.4	35.1	4.2		90
Wet Bulb	409542	5146	66.1	6.059	93			48.4	10.6	1.0		90
Dew Point	369964	5818	62.6	8.072	93			30.0	7.7			90

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93									.0	.0								2	2		
92/ 91					.0			.0	.1	.1	.0	.0						9	9		
90/ 89				.1	.1	.0	.1	.1	.1	.2	.4	.4	.1					39	41		
88/ 87				.1	.2	.2	.4	.3	.3	.3	.5	.2						58	72		
86/ 85			.0	.1	.3	.9	.6	.7	.6	.6	.3	.1						97	116		
84/ 83			.3	.1	.6	1.5	1.6	.7	.7	.5	.1	.1	.1					143	171	6	
82/ 81			.2	.6	2.1	2.5	1.3	1.2	.4	.3	.5	.2		.0				217	251	6	6
80/ 79			.3	1.6	2.8	2.6	.9	1.1	.8	.6	.8	.0	.0					269	322	15	6
78/ 77		.3	.7	2.0	2.6	.9	.6	1.2	.9	.6	.1							229	296	30	11
76/ 75		.3	1.3	2.8	1.2	1.0	.5	1.2	1.0	.3	.0							222	286	87	21
74/ 73	.1	1.0	1.6	1.9	.8	1.1	.8	.8	.3	.3	.0							201	267	247	48
72/ 71	.7	1.1	1.4	1.2	1.1	.9	1.1	1.0	.3	.1	.0							205	266	286	147
70/ 69	.3	1.2	1.4	.8	1.1	.7	.7	.6	.5	.1								170	212	299	236
68/ 67	.0	.9	.8	.9	.7	.7	.3	.2	.0	.1								109	141	256	270
66/ 65	.4	1.7	.9	.9	.7	.5	.4	.1	.1									132	154	216	238
64/ 63	.1	.7	.7	.4	.5	.4	.1	.1										73	92	179	188
62/ 61		.7	.6	.2	.3	.1	.1	.0										48	61	224	169
60/ 59	.0	.7	.3	.3	.2	.2	.0											40	59	157	149
58/ 57		.3	.4	.3	.1	.0	.1											28	38	123	151
56/ 55		.1	.1	.1	.1	.0												10	14	62	123
54/ 53		.1			.0	.0												5	7	54	121
52/ 51	.0				.0	.0												3	4	28	125
50/ 49																				17	77
48/ 47				.0														1	1	1	77
46/ 45																				5	54
44/ 43																				3	22
42/ 41																				1	24
40/ 39																					12
38/ 37																					15
36/ 35																					7
34/ 33																					8
32/ 31																					4
30/ 29																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.7	9.2	11.0	14.5	15.5	14.4	9.8	9.4	6.4	4.0	2.8	1.0	.3	.0				2310	2882	2310	2310

Element (X)	ΣX^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.	10192257	147965	64.1	17.591	2310							
Dry Bulb	16268255	215475	74.8	7.408	2882			612.6	457.9	204.6	.5	720
Wet Bulb	10239750	153078	66.3	6.436	2310			386.5	121.9	5.9		720
Dew Point	8772373	140913	61.0	8.743	2310		1.6	232.2	28.7	2.5		720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85			.3		1.0	.3												6	7		
84/ 83				.3	1.0	.5		.3										8	8		
82/ 81			.3	.8	.3	.8	.5	.3										11	14	1	
80/ 79		.5	1.0	1.8	1.5	1.5	.3	.3										27	31	1	1
78/ 77		2.1	2.8	4.4	2.8	.5	.3											50	60	7	3
76/ 75		3.1	4.4	3.9	2.3	1.0	.6		.3									61	73	26	12
74/ 73		3.6	4.6	2.3	1.8	1.0	.5											54	64	38	23
72/ 71	.3	3.9	3.6	1.8	2.1	.5	.5											49	62	62	43
70/ 69	.3	3.1	3.9	2.3	2.6	2.6	.3											59	68	64	46
68/ 67		1.0	1.0	1.8	1.3	1.0												24	36	48	57
66/ 65		1.3	1.0	.5	1.8	.3	.3											20	21	43	38
64/ 63		.5	.8	.8	.3													9	14	28	46
62/ 61	.3		.8	.3	.8													8	16	27	28
60/ 59																			7	19	21
58/ 57		.3	.3															2	0	15	16
56/ 55																				8	15
54/ 53																				1	20
52/ 51																					11
50/ 49																					5
48/ 47																					1
46/ 45																					2
TOTAL	.6	19.3	24.7	20.9	19.8	10.1	3.4	.8	.3									388	487	388	388

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2306780	29536	76.1	12.283	388
Dry Bulb	2570126	35338	72.6	5.538	487
Wet Bulb	1798726	26238	67.9	6.298	388
Dew Point	1653627	25199	64.9	6.639	388

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			80.8	49.1	7.6		93
Dry Bulb			59.2	17.5	.2		93
Wet Bulb			44.3	9.3	.2		93
Dew Point							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-76 YEARS | JUL 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
94/ 93										.2								1	2		
92/ 91					.2	.5		.4		.2								7	8		
90/ 89				.2		.7	.9	.5	1.1	.2	.2							21	23		
88/ 87			.2		.5	.5	1.6	.4	.7	.9								27	29		
86/ 85				.4	.5	2.2	1.4	.9	.7					.2				35	40	1	
84/ 83				1.4	2.0	.9	1.8	2.3	.4	.5				.2				53	64	3	1
82/ 81		.5	.4	2.3	4.1	1.3	4.1	1.6	.2	.4	.2							84	92	2	1
80/ 79		.2	1.1	3.8	2.0	4.0	.5	1.8	.9									79	86	16	4
78/ 77			1.1	2.2	2.3	1.4	1.3	.9	.4									53	57	27	6
76/ 75		.7	1.4	1.8	2.2	1.3	1.8	1.3	.4	.4								62	73	63	23
74/ 73		1.1	1.1	3.2	.5	1.4	2.0	.9										57	62	80	38
72/ 71		1.3	.9	.5	.7	1.4	1.3	.4										36	39	65	68
70/ 69	.4	.9	.5	.5		.9	.4	.5										23	25	98	65
68/ 67			.2	.4	.4	.4	.5											10	10	58	51
66/ 65		.9																5	5	42	60
64/ 63																			4	33	68
62/ 61																			4	35	37
60/ 59																			1	19	29
58/ 57		.5																3	3	7	21
56/ 55																				7	22
54/ 53																					25
52/ 51																					20
50/ 49																					5
48/ 47																					7
46/ 45																					3
40/ 39																					1
38/ 37																					1
TOTAL	.4	6.1	6.8	16.7	15.5	26.9	17.6	11.9	4.7	2.7	.4			.4					627		556
																		556		556	

Element (X)	ΣX^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.	2386303	35557	64.0	14.230	556							
Dry Bulb	3906137	49341	78.7	6.102	627			90.5	79.5	44.6	.3	93
Wet Bulb	2725509	38811	69.8	5.427	556			69.1	32.1	1.5		93
Dew Point	2379836	36148	65.0	7.315	556			43.0	12.2	.7		93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-76 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
98/ 97									.2									1	2		
96/ 95							.2	.4	.2	.6	.2							8	9		
94/ 93						.4	.4	.2	.6	1.3	.2							16	17		
92/ 91						.2	.2	.4	.9	.4	.7	.2						16	17		
90/ 89						.4	1.5	2.0	.4	.7		.2						28	33		
88/ 87				.4	.2	1.1	1.3	1.3	.7	.7	.7							35	39		
86/ 85				.6	2.4	3.3	.9	1.9	2.4	1.3	.4	.2						72	83		
84/ 83				.9	2.2	1.7	2.0	3.0	.9	1.3	.6	.2						69	80	5	
82/ 81				3.7	3.5	2.4	3.0	1.9	2.2	1.5								98	106	7	1
80/ 79		.2		2.0	1.5	1.7	2.0	1.3	1.9	.6	.2							61	72	15	5
78/ 77			.4	.4	2.6	1.5	.4	.9	.9	.6	.4							43	48	48	4
76/ 75		.2	.7	.7	.7	1.1	.7	.6	2.2	.2								39	43	82	32
74/ 73		.9	.7	1.3	.4	.7	.6	.4	.7									31	31	66	43
72/ 71	.2		.7	.7		.2		.2	.2									12	16	63	62
70/ 69				.2	.4													3	3	71	50
68/ 67			.2															1	2	63	56
66/ 65			.6															3	3	42	46
64/ 63				.4														2	10	31	57
62/ 61																			1	20	43
60/ 59		.2																1	1	18	24
58/ 57																				8	30
56/ 55																					29
54/ 53																					17
52/ 51																					15
50/ 49																					6
48/ 47																					12
46/ 45																					5
44/ 43																					2
TOTAL	.2	1.5	3.3	1.3	13.9	14.7	13.2	14.3	14.5	9.1	3.3	.7						539	616		539
																				539	

Element (X)	ΣX^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.	1880875	30955	57.4	13.844	539							
Dry Bulb	4144477	50385	81.8	6.154	616			90.7	87.6	63.6	4.2	93
Wet Bulb	2712592	38124	70.7	5.461	539			72.5	38.5	2.6		93
Dew Point	2296950	34944	64.8	7.651	539			43.7	14.7	.5		93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 71-78 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
98/ 97																			1		
96/ 95							.5		.3	.5			.3					6	8		
94/ 93						.5	.3	.5	1.5	.5	1.0							17	18		
92/ 91							.3	.3	.3	.8	.8							9	19		
90/ 89						1.0	.8	1.0	.5	.3	1.5	1.0						24	38		
88/ 87					.3	1.5	1.5	1.0	.3	1.3	1.3	.3						29	42		
86/ 85				.3	1.3	1.8	1.5	3.4	2.6	1.8	.3							50	64	1	
84/ 83				.5	3.6	1.0	.8	2.8	2.1	1.3	1.0							51	66	3	
82/ 81			.8	3.1	2.1	1.8	4.4	1.5	3.1	1.0								69	87	2	2
80/ 79			.3	3.1	1.3	3.4	.3	1.3	.3	.5	1.5							46	59	13	2
78/ 77			1.0	1.5	1.3	1.3	.5	.8	1.3	.3	.3							32	40	33	4
76/ 75			1.0	1.3	.8	1.8	.5	.5	.5	.8	.3							29	40	55	16
74/ 73		.3	.3	1.0	1.5	1.0	.3		.3									18	22	42	26
72/ 71						.3												1	5	45	53
70/ 69						.3	.3											2	2	72	35
68/ 67																				40	28
66/ 65			.5															2	8	36	34
64/ 63																			3	19	50
62/ 61		.3	.5															3	3	9	32
60/ 59																				13	26
58/ 57																				5	31
56/ 55																					14
54/ 53																					11
52/ 51																					9
50/ 49																					1
48/ 47																					4
46/ 45																					7
44/ 43																					2
42/ 41																					1
TOTAL		.5	4.4	10.8	12.1	15.7	11.9	13.1	12.9	6.0	8.0	1.3	.3						525		388
																		388		388	

Element (X)	ΣX^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.	1306021	21853	56.3	14.015	388							
Dry Bulb	3581415	43239	82.4	6.217	525			90.5	89.3	65.5	9.8	93
Wet Bulb	1950807	27437	70.7	4.241	388			73.3	35.7	2.9		93
Dew Point	1642621	25079	64.6	7.471	388			39.8	12.0	.7		93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | JUL 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						.4			.4	.4								3	5		
92/ 91						.4	.4	.4										3	4		
90/ 89					.4		.4	.7	.7									6	19		
88/ 87						1.1	1.1	.7	.7	.4								11	20		
86/ 85					.7	1.1	1.9	1.5	1.1									17	30		
84/ 83				.7	2.6	2.6	2.2	2.2	2.6	.4								36	49	2	
82/ 81			.4	.4	2.2	3.0	4.1	.7	.7	.4								32	49	1	
80/ 79			.7	1.9	3.3	5.6	.7	2.2	1.1	.4	.7							45	70	5	3
78/ 77			3.7	1.9	1.9	2.2	2.6	1.5	.4	.7								40	61	9	3
76/ 75			1.5	1.1	2.6	1.5	1.1	1.9	.7	1.1								31	53	22	4
74/ 73		2.2	1.1	3.0	.7	.7	1.1			.4								25	35	40	16
72/ 71		1.9	.4	1.1	.7	.7												13	19	45	25
70/ 69	.4		.7	.4														4	10	45	37
68/ 67		.4																1	1	34	31
66/ 65																			3	31	31
64/ 63																			4	13	37
62/ 61																			2	10	19
60/ 59		1.1																3	3	7	14
58/ 57																				5	15
56/ 55																				1	13
54/ 53																					6
52/ 51																					5
50/ 49																					3
48/ 47																					2
46/ 45																					4
44/ 43																					1
42/ 41																					1
TOTAL	.4	5.6	8.5	10.4	15.2	19.3	15.6	11.9	8.5	4.1	.7							270	437		270
																		270		270	

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.	1109999	16847	62.4	14.786	270							
Dry Bulb	2760920	34640	79.3	5.882	437			90.4	84.1	43.0	1.1	93
Wet Bulb	1320133	18833	69.8	4.914	270			69.9	27.2	1.4		93
Dew Point	1141047	17451	64.6	6.937	270			41.0	9.0	.7		93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 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
90/ 89					1.1													1	2		
88/ 87																			4		
86/ 85							2.3											2	3		
84/ 83				1.1				1.1										2	12		
82/ 81				1.1	2.3	1.1	1.1											5	9	1	
80/ 79				3.4	5.7	4.5												12	28		1
78/ 77			2.3	3.4	10.2		1.1											15	32	1	
76/ 75		2.3	4.5	1.1														7	29	1	
74/ 73		5.7	1.1	4.5	2.3	1.1	2.3											15	34	16	3
72/ 71		4.5	2.3	2.3	1.1	4.5	2.3			1.1								16	30	22	10
70/ 69		1.1	2.3	2.3	2.3	1.1												8	16	13	21
68/ 67				1.1		1.1												2	6	8	8
66/ 65				1.1	1.1													2	7	7	12
64/ 63																			4	7	10
62/ 61																				7	4
60/ 59		1.1																1	1	3	1
58/ 57																				1	8
56/ 55																				1	5
54/ 53																					2
52/ 51																					2
40/ 39																					1
TOTAL		14.8	12.5	21.6	26.1	13.6	9.1	1.1		1.1								88P	217	88	88

Element (X)	ΣX^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.	470724	6334	72.0	13.052	88							
Dry Bulb	1237677	16349	75.3	5.238	217			87.9	65.6	17.1		93
Wet Bulb	418713	6055	68.8	4.899	88			65.5	20.1	1.1		93
Dew Point	377584	5736	65.2	6.522	88			45.4	4.2			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.0									1	3		
96/ 95							.1	.1	.1	.2	.0		.0					14	17		
94/ 93						.2	.1	.1	.4	.5	.2							37	42		
92/ 91					.0	.2	.1	.3	.3	.3	.3	.0						35	48		
90/ 89				.0	.1	.4	.8	.9	.5	.3	.3	.2						80	115		
88/ 87			.0	.1	.2	.8	1.1	.7	.5	.7	.4	.0						102	134		
86/ 85			.0	.3	1.2	1.8	1.2	1.4	1.3	.6	.1	.0		.0				182	227	2	
84/ 83				.9	2.2	1.2	1.3	2.2	1.0	.7	.3	.0		.0				219	279	13	1
82/ 81		.1	.3	2.2	2.6	1.7	3.1	1.3	1.2	.7	.0							299	357	14	4
80/ 79		.2	.6	2.6	2.0	3.1	.8	1.3	.9	.3	.4							270	346	50	16
78/ 77		.4	1.6	2.0	2.6	1.3	.9	.8	.6	.3	.1							234	299	125	20
76/ 75		.9	1.8	1.7	1.6	1.3	1.0	.8	.9	.4	.0							229	311	249	87
74/ 73		1.7	1.5	2.2	1.0	1.0	1.0	.3	.2	.0								201	249	283	149
72/ 71	.1	1.4	1.2	.9	.7	.8	.5	.1	.0	.0								127	171	303	262
70/ 69	.2	.8	1.0	.7	.7	.8	.2	.1										99	124	363	255
68/ 67		.2	.3	.4	.3	.3	.1											38	55	251	231
66/ 65		.4	.4	.1	.4	.0	.0											32	47	201	221
64/ 63		.1	.1	.2	.0													11	39	131	268
62/ 61	.0	.0	.2	.0	.1													11	26	108	163
60/ 59		.2																5	13	79	115
58/ 57		.2	.0															5	9	41	121
56/ 55																				17	98
54/ 53																				1	81
52/ 51																					62
50/ 49																					20
48/ 47																					26
46/ 45																					21
44/ 43																					5
42/ 41																					2
40/ 39																					2
38/ 37																					1
TOTAL	.3	6.0	9.2	14.5	15.6	15.1	12.5	10.3	8.0	5.0	2.4	.4	.0	.1					2911		2231
																		2231		2231	

Element (X)	ΣX^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.	9476795	141251	63.3	15.457	2231							
Dry Bulb	18221312	229444	78.8	6.852	2911			709.8	620.3	351.2	15.6	744
Wet Bulb	10936997	155743	69.8	5.390	2231			551.2	245.4	14.0		744
Dew Point	9501749	144699	64.9	7.237	2231			341.8	92.4	4.3		744

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477 543

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 70-76 YEARS — AUG 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						.2												1	1		
84/ 83				.2	.4	.6	.4											8	9		
82/ 81			.4		.8	.2	.4											9	10		
80/ 79		.2	1.4	2.0	1.6	.4												28	31		
78/ 77		.6	4.8	2.4	1.0	.4												46	55	4	2
76/ 75		3.0	4.8	4.4	1.2	.4	.2											73	90	24	7
74/ 73		5.8	5.4	3.4	1.2	1.6	.2											88	101	67	35
72/ 71	.2	4.6	3.0	1.6	1.8	.6												59	75	85	73
70/ 69	.4	3.8	5.4	2.0	2.2	.4												71	79	76	76
68/ 67		1.8	2.2	2.4	1.0	.6												40	43	58	60
66/ 65	.2	2.0	.6	1.8	.8													27	30	51	54
64/ 63		.8	1.8	1.4	.4	.2												23	26	44	47
62/ 61		.2	.2	1.0	.6	.2												11	13	31	28
60/ 59			1.6	.6	.2													12	13	25	35
58/ 57		.4	.2															3	5	12	23
56/ 55		.2	.2	.2														3	4	16	21
54/ 53																			1	5	18
52/ 51			.2															1	1	4	11
50/ 49																					6
48/ 47																				1	3
46/ 45																					3
44/ 43																					1
TOTAL	.8	23.9	32.0	23.3	13.1	5.8	1.2											503	587	503	503

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.	3262282	40160	79.8	10.550	503							
Dry Bulb	3045980	42162	71.8	5.487	587			78.3	47.1	5.2		93
Wet Bulb	2306291	33945	67.5	5.558	503			58.1	17.6			93
Dew Point	2154911	32759	65.1	6.530	503			46.6	8.1			93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | AUG MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.1	.3								3	3		
92/ 91								.3	.3									4	6		
90/ 89						.1	.9	.6	.6	.1								16	16		
88/ 87				.1	.4	.7	1.5	.7										24	25		
86/ 85				.3	.7	2.0	1.6	1.0	.3									41	44		
84/ 83		.1	.3	.7	1.6	3.1	1.7	.9	.1		.1							60	62		
82/ 81		.1	.9	2.9	3.5	2.6	2.3	.3	.4	.1								91	97	6	2
80/ 79			.7	4.8	3.6	2.3	.9	.7	.6	.3								96	111	10	5
78/ 77		.1	2.9	3.6	3.8	1.0	1.6	.4	.1									94	101	33	6
76/ 75		1.3	1.7	2.8	1.9	1.9	1.2	1.5	.3									86	93	85	17
74/ 73		1.3	3.1	1.9	.7	1.6	1.3	.7										73	76	146	48
72/ 71		1.2	1.0	.6	1.5	1.3	.9	.1										45	47	90	130
70/ 69	.3	.1	.3	.6	.3	1.3	.6		.1									25	27	102	98
68/ 67	.1			.4	.3	.4	.4	.1										13	14	50	89
66/ 65		.1	.4	.4	.1	.1	.3											11	11	49	62
64/ 63		.1				.6												5	5	39	50
62/ 61																				38	36
60/ 59																				23	31
58/ 57																				6	24
56/ 55																				6	31
54/ 53																				4	18
52/ 51																					19
50/ 49																					10
48/ 47																					3
46/ 45																					5
44/ 43																					1
42/ 41																					1
40/ 39																					1
TOTAL	.4	4.7	11.4	19.2	18.5	19.2	15.1	7.4	3.1	.9	.1							687	738	687	687

Element (X)	ΣX^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.	3184470	45914	66.8	12.999	687							
Dry Bulb	4544446	57772	78.3	5.457	738			91.0	79.9	39.7	.4	93
Wet Bulb	3399039	48185	70.1	5.321	687			70.7	37.3	1.2		93
Dew Point	3017429	45275	65.9	7.008	687			53.5	10.6	.5		93

USAFETAC FORM 0-26 3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | AUG 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
100/ 99													.2					1	1		
96/ 95								.2			.3							3	3		
94/ 93					.2		.3	.2	.2	.3	.2							8	9		
92/ 91					.2	.5	.2	.3	1.5	.3								19	23		
90/ 89						.3	.6	.9	.8	.6	.2							22	23		
88/ 87						.8	2.6	2.1	.6	.5	.2							44	46		
86/ 85			.3	.8	2.4	4.1	2.4	1.8	1.5	.6	.3							94	101	1	
84/ 83		.2	.2	.8	2.7	4.4	2.1	1.8	1.2	.8	.2							94	106	1	
82/ 81			.3	2.6	3.6	3.6	3.5	1.4	.9	.9	.2							112	124	10	4
80/ 79			.8	2.9	2.3	3.6	1.7	1.8	.9	.6								96	105	16	3
78/ 77	.2	.2	.5	1.4	2.4	1.1	2.0	1.2	1.4									67	74	44	10
76/ 75		.2	1.2	.9	.2	.2	1.5	1.4	1.2	.5								47	52	118	22
74/ 73		.3		.5	.2	.3	.3	.5	.3									15	15	122	52
72/ 71	.6	.5	.3		.5	.6	.2	.3	.5									22	22	87	106
70/ 69	.2	.2	.2	.2			.3		.2									7	7	86	92
68/ 67				.5			.3	.2										6	6	45	70
66/ 65	.3	.2																3	3	41	70
64/ 63																				36	50
62/ 61																				28	34
60/ 59																				11	27
58/ 57																				9	29
56/ 55																				4	30
54/ 53																				1	15
52/ 51																					16
50/ 49																					14
48/ 47																					6
46/ 45																					6
44/ 43																					2
42/ 41																					2
TOTAL	1.2	1.5	3.6	10.3	14.5	19.4	17.9	13.9	11.1	5.0	1.4		.2						720		660
																		660		660	

Element (X)	ΣX^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.	2478594	39456	59.8	13.485	660							
Dry Bulb	4818587	58785	81.6	5.146	720			92.6	78.1	63.8	1.7	93
Wet Bulb	3354288	46924	71.1	5.246	660			74.7	44.0	2.3		93
Dew Point	2884230	43358	65.7	7.378	660			50.6	12.8	.7		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (YEARS) AUG (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
98/ 97											.2	.4						3	3		
96/ 95											.2							1	1		
94/ 93										.2								1	3		
92/ 91						.2	.6	.8	1.4	.6								18	20		
90/ 89						.4	.8	2.4	.2	.6	.2							23	30		
88/ 87				.4	.6	1.2	2.2	1.4	.8	.8	.6	.2						41	54		
86/ 85				.8	1.2	3.6	1.8	3.0	1.8	.6	.8	.4						70	91		
84/ 83			.2	1.2	2.8	2.8	3.8	3.8	1.0	.6								81	98		
82/ 81				2.0	3.2	3.2	2.2	1.8	.8	.2	.2							68	86	3	
80/ 79			.6	1.2	1.0	3.2	2.2	3.2	1.2	.8	.4							69	96	19	2
78/ 77			.8	1.0	2.4	.8	1.8	1.2	.4	.2								43	57	31	11
76/ 75		1.0	.4	.4	.6	.6	.6	1.2	2.0	.4								36	45	78	19
74/ 73		.4	.8	.6	.4	.8	.4	1.2	.2									24	27	82	40
72/ 71		.4	.6			.2	1.2		.4	.2								15	15	64	50
70/ 69	.8	.6	.6															10	12	77	77
68/ 67																			1	50	50
66/ 65	.4	.2																3	3	35	57
64/ 63																				27	42
62/ 61																				18	41
60/ 59																				16	17
58/ 57																				3	31
56/ 55																				3	18
54/ 53																					12
52/ 51																					9
50/ 49																					14
48/ 47																					10
46/ 45																					2
44/ 43																					1
42/ 41																					2
40/ 39																					1
TOTAL	1.2	2.6	4.0	7.5	12.1	16.8	17.4	19.8	10.1	5.1	2.6	1.0						506	642	506	506

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1836747	29623	58.5	14.248	506							
Dry Bulb	430810	52494	81.8	5.235	642			92.6	86.5	62.3	1.0	93
Wet Bulb	2545917	35797	70.7	5.162	506			74.3	39.1	1.7		93
Dew Point	2172194	32940	65.1	7.425	506			45.8	13.2	.4		93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-76 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
96/ 95										.3								1	1		
92/ 91							.3	.3	.3									3	3		
90/ 89						.3	.3	.6	.3									5	7		
88/ 87					.3	.6	1.1	.3	.3									9	13		
86/ 85				.3	.3	1.1	.8	.6	.6									14	21		
84/ 83				1.1	3.4	1.7	2.0	1.1	.3		.3							35	56		
82/ 81			.6	1.4	3.7	1.7	2.3	.6		.3								37	64		
80/ 79			.8	3.4	3.9	4.5	1.1	1.1	.6	.3								56	84	6	
78/ 77			1.7	2.0	4.8	1.7	2.0	.8	.6									48	72	14	1
76/ 75		2.0	.3	2.5	1.7	3.9	1.4	.3	.6									45	69	34	10
74/ 73		1.4	.8		.8	1.7	1.1	1.4	.3									27	41	57	25
72/ 71		1.4	2.5	1.1	1.4	1.1	1.7	.6										35	38	43	46
70/ 69	.8	.8	1.7	.6	1.4	1.4	.3											25	30	59	44
68/ 67		1.1		.3	.6	.3												8	9	42	38
66/ 65		.8		.3					.3									5	6	34	49
64/ 63					.6													2	2	23	28
62/ 61																				17	24
60/ 59																				18	25
58/ 57																				6	15
56/ 55																				1	14
54/ 53																					12
52/ 51																				1	9
50/ 49																					10
48/ 47																					2
46/ 45																					2
38/ 37																					1
TOTAL	.8	7.6	8.5	13.0	22.8	20.0	14.4	7.9	3.9	.8	.3							355	519	355	355

Element (X)	ΣX^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.	1621709	23475	66.1	14.000	355							
Dry Bulb	3172348	40486	78.0	5.222	519			91.6	77.8	37.6	.2	93
Wet Bulb	1713348	24594	69.3	5.181	355			66.8	29.1			93
Dew Point	1507977	23005	64.8	6.968	355			43.0	9.4			93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 71-78 YEARS | AUG MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							1.4											2	2		
86/ 85						.7												1	1		
84/ 83			.7															1	10		
82/ 81				.7	2.1													4	13		
80/ 79		.7	1.4	4.9	1.4	1.4												14	30	1	
78/ 77		.7	2.1	7.6	2.1		.7											19	46	2	2
76/ 75		.7	1.4	4.2	.7	1.4			.7									13	36	6	
74 73		2.1	2.1	4.2	1.4	.7		.7										16	26	21	5
72/ 71		7.6	4.2	2.1	4.9	.7												28	42	14	18
70/ 69	1.4	1.4	2.8	2.1	2.1													14	19	31	22
68/ 67		2.1	2.8	2.1	1.4	.7	.7											14	17	12	22
66/ 65		1.4	.7	3.5														8	11	19	16
64/ 63		.7		.7														2	4	13	13
62/ 61			1.4	1.4														4	5	7	7
60/ 59		.7	.7															2	3	9	12
58/ 57			1.4															2	2	3	9
56/ 55																				4	6
54/ 53																				2	4
52/ 51																					7
48/ 47																					1
TOTAL	1.4	18.1	21.5	33.3	16.0	5.6	2.8	.7	.7									144	267	144	144

Element (X)	ΣX^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.	861819	11023	76.5	11.227	144							
Dry Bulb	1473513	19781	74.1	5.489	267			84.3	57.1	13.6		93
Wet Bulb	662045	9733	67.6	5.412	144			56.2	19.4			93
Dew Point	608577	9317	64.7	6.343	144			44.6	4.5			93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC
9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-76 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
100/ 99													.0					1	1		
98/ 97											.0	.1						3	3		
96/ 95								.0		.0	.1							5	5		
94/ 93					.0		.1	.0	.1	.2	.0							12	15		
92/ 91					.0	.1	.2	.3	.7	.2								44	52		
90/ 89						.2	.5	.8	.4	.3	.1							66	76		
88/ 87				.1	.2	.6	1.5	.9	.3	.2	.1	.0						120	143		
86/ 85			.1	.4	1.0	2.3	1.4	1.3	.8	.2	.2	.1						221	259	1	
84/ 83		.1	.2	.7	2.0	2.6	1.9	1.4	.5	.3	.1							279	341	1	
82/ 81		.0	.4	1.9	2.9	2.3	2.1	.8	.5	.3	.1							321	394	19	6
80/ 79		.1	.9	3.0	2.4	2.7	1.1	1.3	.6	.4	.1							359	457	52	10
78/ 77	.0	.2	2.1	2.4	2.8	.9	1.4	.7	.5	.0								317	405	128	32
76/ 75		1.4	1.7	2.2	1.0	1.2	.9	.9	.6	.2								301	386	345	75
74/ 73		1.7	2.0	1.5	.7	1.1	.6	.7	.1									243	287	495	205
72/ 71	.2	1.8	1.5	.7	1.2	.8	.7	.2	.2	.0								204	239	384	424
70/ 69	.5	1.0	1.5	.7	.7	.6	.2		.1									153	175	431	409
68/ 67	.0	.6	.5	.8	.4	.3	.2	.1										81	90	257	329
66/ 65	.2	.6	.2	.6	.2	.0	.1		.0									57	64	230	308
64/ 63		.2	.3	.3	.1	.2												33	38	182	231
62/ 61		.0	.1	.2	.1	.0												15	18	139	170
60/ 59		.0	.3	.1	.0													14	16	103	147
58/ 57		.1	.1															5	7	39	131
56/ 55		.0	.0	.0														3	4	34	121
54/ 53																			1	12	79
52/ 51			.0															1	1	5	71
50/ 49																					54
48/ 47																				1	25
46/ 45																					18
44/ 43																					5
42/ 41																					5
40/ 39																					2
38/ 37																					1
TOTAL	.9	6.0	12.1	15.7	15.9	15.9	13.0	9.5	5.6	2.4	.6	.2	.0					2858	3477	2858	2658

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.	13205835	169897	66.4	15.064	2858							
Dry Bulb	21384507	271761	78.2	6.431	3477			712.1	604.3	325.5	5.1	744
Wet Bulb	13993949	199375	69.8	5.470	2858			550.1	271.0	8.9		744
Dew Point	12357591	186845	65.4	7.060	2858			387.9	85.4	2.9		744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-76 YEARS | SEP MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.2														1	1		
80/ 79			.2															1	1		
78/ 77		.4	1.9	.9	.4	.2												18	22		
76/ 75		1.1	1.7	.4	.4													17	22	7	
74/ 73		1.9	2.4	1.1		.2												26	33	18	9
72/ 71	.2	3.6	1.3	.6	.4		.2											30	39	19	23
70/ 69	1.3	4.7	4.3	1.5	1.1	.2												61	69	45	34
68/ 67	.2	2.4	4.7	1.9	.6	.4												48	55	40	34
66/ 65		4.9	4.5	1.5	.9	.2												56	71	31	26
64/ 63	.4	4.1	4.1	1.5	.9	.4												53	65	59	45
62/ 61	.4	2.6	3.2	1.3	.9	.2												40	44	51	54
60/ 59		2.6	2.4	3.0	.6	.2		.2										42	47	41	40
58/ 57		1.5	1.5	1.1	.6													22	28	44	36
56/ 55		1.1	1.3	1.3	.4													19	20	30	37
54/ 53		.6	.6	.6														9	12	26	23
52/ 51		.9	.9	.6														11	13	16	27
50/ 49		.6	.4	.2														6	7	18	19
48/ 47			.4															2	5	10	17
46/ 45		.6		.2														4	4	5	16
44/ 43			.2															1	1	5	13
42/ 41																			1	1	5
40/ 39			.2															1	1	1	6
38/ 37																					1
36/ 35																				1	
32/ 31																					2
30/ 29																					1
TOTAL	2.6	33.5	36.1	17.9	7.3	2.1	.2	.2										468	561	466	468

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.	3158674	38110	81.4	10.892	468							
Dry Bulb	2396597	36455	65.0	7.050	561			38.8	12.7	.3		90
Wet Bulb	1789313	28737	61.4	7.280	468			24.8	4.8			90
Dew Point	1660956	27596	59.0	6.499	468		.2	19.2	1.7			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 70-75 YEARS — SEP MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.2											1	1		
90/ 89						.3	.3											4	4		
88/ 87					.3	.2	.2	.2	.2									6	6		
86/ 85				.3	.5	.6	.6		.3									15	17		
84/ 83				.6	.8	.5	.3	.3					.2					17	22		
82/ 81			.3	1.4	1.8	.8	.8	.5	.2	.3	.2							40	44	1	
80/ 79			.2	2.0	1.1	1.2	.3	.5	.2	.2	.2							37	44	7	
78/ 77		.2	.5	1.1	.8	.3	.9	.2	.6	.2								30	37	12	7
76/ 75		.2	1.4	3.5	1.1	2.6	1.1	.3	.3	.2								69	74	25	10
74/ 73		1.4	1.2	3.4	1.2	1.8	.5	.2	.3	.2								66	71	47	10
72/ 71		1.1	2.3	2.3	1.4	1.8	.5	.3										63	67	40	47
70/ 69	.6	1.2	2.9	2.0	1.5	.6	.8	.3	.2									66	69	59	50
68/ 67		1.8	2.7	2.0	1.4	1.2	.6	.3										66	71	70	45
66/ 65		.9	2.3	1.7	1.2	1.2	1.1	.3	.3									59	62	80	63
64/ 63		1.4	1.2	.8	1.7	1.2	.8	.2	.2									48	49	70	54
62/ 61	.5	.9	.6	1.2	.6	.9	.2											32	33	68	71
60/ 59		.6	.3	.2	.8	.2	.3											15	15	40	48
58/ 57		.2	.3		.5	.5												9	10	43	53
56/ 55		.3		.2	.5	.5												9	9	32	34
54/ 53						.2												1	1	24	23
52/ 51						.2												1	1	13	32
50/ 49					.2													1	1	13	24
48/ 47																				7	18
46/ 45																				1	20
44/ 43																				1	13
42/ 41																				2	11
40/ 39																					9
38/ 37																					3
36/ 35																					4
34/ 33																					1
32/ 31																					5
TOTAL	1.1	10.1	16.2	22.4	17.1	16.6	9.2	3.4	2.6	.9	.3		.2						708		655
																		655		655	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	323673	44977	68.7	15.207	655
Dry Bulb	366076	50712	71.6	7.207	708
Wet Bulb	2752099	42201	64.4	7.117	655
Dew Point	2409659	39261	59.9	9.281	655

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			67.0	40.7	13.9	.1	90
Wet Bulb			35.9	12.6	.7		90
Dew Point		.7	23.2	3.7			90

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (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
96/ 95								.3										2	2		
94/ 93							.2				.2							2	2		
92/ 91						.?			.3									3	3		
90/ 89					.2	.	.5	.2	.5	.2		.2						12	13		
88/ 87				.2	.8	.2	1.3	.6	.5	.2			.2					24	25		
86/ 85				.3	.2	1.9	.3	.2	.5		.5	.3	.2					27	33		
84/ 83			.3	.8	.6	1.0	1.1	.6	.5	.3	.6							37	50	1	
82/ 81			.3	1.1	1.4	1.3	1.4	.3	.8	.6	.3							48	54	5	
80/ 79			.5	1.8	1.8	1.6	1.1	1.3	.3	.2	.2							54	63	12	3
78/ 77			.8	1.6	3.5	1.4	1.0	.3	.8	.5								62	71	15	12
76/ 75		.2	.3	1.9	2.4	3.5	1.3		.5	.3	.2							66	71	40	12
74/ 73		.2	1.1	1.9	1.6	2.4	.8	.3	.8	.2								58	61	40	13
72/ 71		.3	1.4	1.1	1.4	1.4	.6	1.3	.2	.2								50	54	39	31
70/ 69	.6	.8	.8	.6	.8	1.3	1.3	1.3	.6	.2	.2							53	57	71	46
68/ 67		.2	.8	1.6	1.1	1.3	.3	1.6										43	51	77	50
66/ 65		.0	1.0	.5	1.0	1.1	1.0	.3	.3									37	39	75	46
64/ 63		1.0	.3	.2	.5	.2	.6	.3										19	19	57	61
62/ 61	.3	.2	.2	.2	.5	.3		.2										11	11	46	67
60/ 59	.2	.5				.6	.3											10	10	38	43
58/ 57		.2				.2												2	2	39	38
56/ 55		.5					.3											5	6	27	37
54/ 53																				20	30
52/ 51																				13	26
50/ 49																				6	20
48/ 47																				2	22
46/ 45																				1	17
44/ 43																				1	18
42/ 41																					14
40/ 39																					7
38/ 37																					4
36/ 35																					3
34/ 33																					3
32/ 31																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | SEP MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.1	4.6	7.4	12.5	17.8	20.3	13.9	9.0	7.5	2.9	2.1	.6	.3					625	697	625	625

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.	2474339	38093	60.9	15.639	625							
Dry Bulb	3993272	52502	75.3	7.440	697			78.8	57.8	27.4	.5	90
Wet Bulb	2731738	41082	65.7	7.090	625			43.2	16.3	1.6		90
Dew Point	2290028	37436	59.9	9.532	625		.3	24.0	5.8			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) SEP (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.2	.2	.4									4	4		
90/ 89					.4		.4	.2	.4									7	8		
88/ 87					1.5	.2	1.1	.4	.4	.2								18	18		
86/ 85				.8	.4	2.1	.6	.8	.6	.4	1.3							34	42		
84/ 83				.4	.2	1.1	.2	1.1	.2	.2	1.5	.2						24	40		
82/ 81				.4	1.3	1.5	2.5	.8	.4	.6		.2						37	51	3	
80/ 79			.6	.2	.8	1.9	.8	1.9	1.5	.2	.2	.2						40	48	13	1
78/ 77				1.5	2.3	2.1	2.3	.4	.4	.4	.4	.2						48	67	9	9
76/ 75			.8	1.7	2.3	3.0	1.1	.4	.6	.4	.2							50	60	25	9
74/ 73		.8		1.3	1.5	2.1	1.3	1.1	1.3	.6								47	60	22	8
72/ 71	.2	1.3	.8	.6	1.9	1.5	1.9	.6	1.1	.2								48	57	39	22
70/ 69	.2	.2	1.3	1.1	.4	1.1	.8	1.5	.6									34	42	48	37
68/ 67		.2	.8	1.3	.6	2.5	1.3	.4										35	45	54	19
66/ 65		.4		1.1	.2	1.3	.4	.4	.4	.2								21	25	61	38
64/ 63		.4	.2	.4	.2	.4		.2										9	14	48	48
62/ 61		.2				.4		.2										4	5	23	37
60/ 59					.6	.2												4	4	38	41
58/ 57		.6			.2	.2	.4											7	7	33	25
56/ 55																				37	35
54/ 53																				2	28
52/ 51																				6	24
50/ 49																				7	14
48/ 47																				1	20
46/ 45																				2	18
44/ 43																					13
42/ 41																					12
40/ 39																					5
38/ 37																					2
34/ 33																					3
32/ 31																					3
TOTAL	.4	4.2	4.7	10.8	15.3	21.7	15.5	10.8	8.5	3.6	3.6	.8						471	597	471	471

Element (X)	ΣX^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.	1706710	27410	58.2	15.269	471							
Dry Bulb	3453554	45216	75.7	6.970	597			81.7	60.0	28.3		90
Wet Bulb	2043326	30850	65.5	6.947	471			40.7	13.8	1.7		90
Dew Point	1688256	27836	59.1	9.582	471		.6	20.1	5.2			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 70-78 YEARS — SEP 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						.3				.3								2	2		
86/ 85				.6														2	5		
84/ 83				1.2	.3	.9	.3				.3							10	15		
82/ 81			.3	1.4	1.4	.3	1.2	.6	.3									19	28		
80/ 79			.6	.9	1.4	1.4		.9	.9		.3							22	33	2	
78/ 77			.3	.6	1.4	.9	1.4	.3										17	29	8	2
76/ 75			1.2	2.3	2.3	1.2	.6	1.2		.3	.3							32	52	11	6
74/ 73		.3	1.2	4.3	.9	2.3	.3	.3		.3								34	49	10	7
72/ 71	.3	2.0	2.6	1.4	3.7	1.4	.3	.9										44	56	15	11
70/ 69	.6	.9	3.2	1.2	2.0	1.4	1.4	.3	.3									39	63	42	23
68/ 67		1.2	1.7	2.9	1.2	1.2	.6											30	40	37	21
66/ 65	.6	2.3	1.7	2.3	1.7	.9	.6											35	51	43	35
64/ 63			2.3	.9	1.2	.6	.3	.3										19	31	41	34
62/ 61		.6	.6	1.7	.9		.3											14	22	37	31
60/ 59		.3		1.7	.9	.3												11	12	29	31
58/ 57		.9	.3	.3	.6	.3												8	10	26	30
56/ 55		.3		.3	.3	.6												5	6	18	25
54/ 53																			2	11	20
52/ 51				.6														2	2	4	19
50/ 49		.3																1	1	6	15
48/ 47			.3															1	1	3	10
46/ 45																				3	9
44/ 43																				1	4
42/ 41																					4
40/ 39																					7
38/ 37																					1
36/ 35																					1
34/ 33																					1
TOTAL	1.4	8.9	16.1	24.5	20.2	13.8	7.2	4.6	1.4	.9	.9							347	510	347	347

Element (X)	ΣX^1	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1722598	23928	69.0	4.485	347							
Dry Bulb	2594947	36205	71.0	6.973	510			65.6	37.6	11.5		90
Wet Bulb	1432200	22172	63.9	6.691	347			32.4	8.0	.3		90
Dew Point	1253594	20650	59.5	8.451	347			18.2	3.9			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | SEP MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83																			2		
82/ 81																			1		
80/ 79				2.1	.7													4	9		
78/ 77				1.4	.7													3	5		
76/ 75			.7	1.4	1.4													5	20		
74/ 73			1.4	2.1		.7	.7											7	17	4	
72/ 71		2.1	4.3	4.3	1.4		.7											18	28	5	4
70/ 69		1.4	5.0	1.4	2.1	1.4		1.4										18	35	9	4
68/ 67	2.1	2.8	7.1	3.5	1.4	.7												25	39	18	14
66/ 65	.7	2.1	4.3	2.1	.7													14	22	18	10
64/ 63		5.7	1.4	1.4	.7													13	27	17	24
62/ 61		2.1	2.1	2.1	.7	.7												11	18	21	15
60/ 59		1.4		1.4	.7	.7												6	11	12	12
58/ 57		1.4	2.1	1.4														7	12	11	14
56/ 55			1.4	1.4	.7													5	6	6	8
54/ 53		1.4																2	2	6	6
52/ 51			1.4															2	6	8	8
50/ 49																				3	7
48/ 47			.7															1	1	2	3
46/ 45																				1	5
44/ 43																					4
42/ 41																					3
TOTAL	2.8	20.6	31.9	26.2	11.3	4.3	1.4	1.4										141	261	141	141

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	865680	10914	77.4	12.215	141
Dry Bulb	1197401	17595	67.4	6.579	261
Wet Bulb	547494	8744	62.0	6.119	141
Dew Point	498424	8320	59.0	7.312	141

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			53.8	18.6	2.8		90
Wet Bulb			23.0	2.6			90
Dew Point			14.0				90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95								.1										2	2		
94/ 93							.1				.0							3	3		
92/ 91						.0	.0	.0	.1									7	7		
90/ 89					.1	.1	.3	.1	.2	.0		.0						23	25		
88/ 87				.0	.5	.1	.5	.3	.2	.1			.0					50	51		
86/ 85				.4	.2	1.0	.3	.2	.3	.1	.3	.1	.0					78	97		
84/ 83			.1	.6	.4	.6	.4	.4	.1	.1	.4	.0	.0					88	129	1	
82/ 81			.2	.9	1.2	.8	1.1	.4	.3	.3	.1	.0						145	179	9	
80/ 79			.3	.8	1.0	1.2	.6	.8	.7	.1	.1	.1						158	198	34	4
78/ 77		.1	.7	1.2	1.7	.9	1.0	.2	.4	.2	.1	.0						178	231	44	30
76/ 75		.3	1.0	2.0	1.7	2.1	.8	.3	.3	.2	.1							239	299	108	37
74/ 73		.9	1.2	2.3	1.0	1.7	.6	.3	.5	.2								238	291	141	47
72/ 71	.1	1.6	1.8	1.4	1.6	1.2	.7	.6	.2	.1								253	301	159	138
70/ 69	.6	1.5	2.5	1.3	1.2	.9	.8	.7	.3	.0	.0							271	335	274	194
68/ 67	.1	1.2	2.4	2.0	1.1	1.3	.5	.5										247	301	296	183
66/ 65	.1	1.8	2.0	1.4	1.0	.9	.6	.2	.2	.0								223	271	308	218
64/ 63	.1	1.6	1.5	.7	.9	.6	.4	.2	.0									161	205	293	267
62/ 61	.3	.9	.9	.9	.6	.4	.1	.1										112	133	246	275
60/ 59	.0	.8	.5	.8	.6	.3	.1	.0										88	99	198	215
58/ 57		.6	.5	.3	.3	.2	.1											55	69	196	196
56/ 55		.4	.3	.4	.3	.2	.1											43	47	150	176
54/ 53		.2	.1	.1		.0												12	17	89	130
52/ 51		.1	.2	.2		.0												16	22	60	136
50/ 49		.1	.1	.0	.0													8	9	53	99
48/ 47			.1															4	7	25	90
46/ 45		.1		.0														4	4	13	85
44/ 43			.0															1	1	8	65
42/ 41																			1	3	49
40/ 39			.0															1	1	1	34
38/ 37																					11
36/ 35																				1	8
34/ 33																					8
32/ 31																					12
30/ 29																					1

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												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.4	12.3	16.4	17.8	15.3	14.8	9.2	5.5	4.0	1.6	1.3	.3	.1					2708	3335	2708	2708

Element (X)	ΣX^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.	13173774	183522	67.8	16.494	2708							
Dry Bulb	17309203	238751	71.6	8.070	3335			526.7	326.4	126.1	1.1	720
Wet Bulb	11300266	173850	64.2	7.174	2706			282.9	89.6	6.9		720
Dew Point	9813888	161162	59.5	9.068	2708		3.5	168.3	31.4			720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | OCT 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		.7																3	3		
70/ 69		.9	.9	.2		.2												10	10	6	4
68/ 67		1.3		.7	.2													10	11	4	3
66/ 65	.7	3.3	1.3	.4	.2	.2												28	31	15	11
64/ 63	.7	2.2	1.5	.9		.2												25	31	19	17
62/ 61	.9	3.5	1.3	.4	.2													29	30	25	20
60/ 59	.4	3.5	1.1	.2	.4													26	29	31	20
58/ 57	.7	3.7	1.1	.4		.2												28	36	30	31
56/ 55	.7	2.6	1.8	1.8	.2	.9	.2											37	40	22	26
54/ 53		3.3	1.5	1.1	.9	.9												35	41	27	22
52/ 51	.7	3.5	3.9	1.8	.2													46	52	28	26
50/ 49	.2	2.0	2.4	2.0	1.3	.2												37	48	32	21
48/ 47		4.2	1.8	1.5	.2													35	48	35	21
46/ 45	.4	2.6	1.3	1.3	.9													30	38	48	35
44/ 43	.2	2.4	1.1															17	30	35	35
42/ 41		.7	1.3	.2	.2													11	18	27	25
40/ 39		1.8	1.1	.9														17	25	15	30
38/ 37	.2	.7	.4	.7														9	14	17	14
36/ 35	.2	.7	.4	.2														7	7	11	26
34/ 33		.9	.7	.2														8	8	7	15
32/ 31	.4	.2	.4	.2														6	6	11	15
30/ 29		.2	.2															2	2	6	14
28/ 27		.2																1	1	3	6
26/ 25																				3	4
24/ 23																					8
22/ 21																					2
20/ 19																					5
12/ 11																					1
TOTAL	6.3	44.9	25.6	15.1	5.0	2.8	.2											457	559	457	457

Element (X)	Σx^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.	3036801	36715	80.3	13.824	457							
Dry Bulb	1561062	29110	52.1	8.996	559		1.5	4.0				93
Wet Bulb	1169855	22695	49.7	9.575	457		4.7	2.0				93
Dew Point	1047734	21256	46.5	11.364	457		11.2	1.4				93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 72-78 (YEARS) OCT (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
82/ 81									.3									2	2		
80/ 79						.3		.1										3	3		
78/ 77							.4											3	4		
76/ 75				.3	.1		.1		.1									5	5		
74/ 73			.3	.3	.3	.6	.1	.1	.1									13	14		
72/ 71		.9	.4	.4	1.0	.4	.1											23	25	4	2
70/ 69	.3	.4	2.2	.9	.3	.6	.6											36	36	10	6
68/ 67	.1	.9	.4	1.6	1.2	.6	.1											34	35	14	7
66/ 65		2.2	1.0	1.6	1.6	.4	.9	.3	.1									56	59	38	15
64/ 63	.9	1.3	1.5	1.9	.4	1.8	.9	.3										61	65	41	34
62/ 61	.4	2.1	1.0	1.0	1.5	1.8	.3	.1										56	59	31	31
60/ 59	.7	3.3	1.0	1.5	2.4	1.6	.7	.6										80	85	65	25
58/ 57	.1	1.3	1.2	1.3	3.3	1.5	.7	.1										65	73	56	57
56/ 55	.3	1.5	.3	2.1	1.2	2.4	.6											56	64	35	49
54/ 53	.1	1.3	.9	1.8	1.3	.9	.1											44	53	66	33
52/ 51	.3	.7	.3	.9	1.2	1.2	.3											33	39	55	37
50/ 49		.4	.4	1.3	1.8	.7												32	37	58	24
48/ 47		.3	.3	.6	.7	.7												18	20	42	30
46/ 45		.4	.3	1.0	.7	.1												18	19	45	57
44/ 43		.4	.3	.3	1.0	.3												16	16	31	44
42/ 41				.1	.6													5	6	22	37
40/ 39			.1	.4	.3													6	6	22	21
38/ 37				.6	.3													6	6	12	21
36/ 35	.1	.3		.1														4	4	14	34
34/ 33																				5	26
32/ 31				.1														1	1	6	28
30/ 29																				3	13
28/ 27																					8
26/ 25																				1	11
24/ 23																					11
22/ 21																					6
20/ 19																					4
18/ 17																					1
16/ 15																					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 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (YEARS) OCT (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
14/ 13																					1
12/ 11																					2
TOTAL	3.6	17.9	12.1	20.4	21.3	16.0	6.2	1.8	.7								676	736	676	676	

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.	3241701	45227	66.9	17.882	676							
Dry Bulb	2591768	43252	58.8	8.249	736		.1	15.7	3.5	.4		93
Wet Bulb	1946708	35786	52.9	8.800	676		1.4	3.9				93
Dew Point	1598821	31885	47.2	11.857	676		11.8	2.1				93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85										.2	.5	.2						5	5		
84/ 83										.2	.2							2	2		
82/ 81						.3				.3	.2							5	7		
80/ 79								.5	.3									5	7		
78/ 77				.2	.6	.2	.6	.2										11	12		
76/ 75				.5		.3	.2	.2	.2	.2								9	14		
74/ 73				.8	.6	.2	1.2	.2	1.2	.3								29	32		
72/ 71		.8	.2	.9	1.9	.6	.8	.9	.5									42	43	5	
70/ 69		1.4	2.0	1.7	2.0	1.6	.8	1.2	.9	.2								76	76	13	8
68/ 67		.2	.9	.9	1.4	1.7	.8	.9	.5									47	52	21	10
66/ 65		.9	.6	1.4	2.2	1.2	1.7	1.2	.5	.3								65	70	46	16
64/ 63	.3	1.1	.8	2.2	1.9	1.1	.9	.3	.3	.2								58	60	44	27
62/ 61	.2	1.4	1.2	.5	1.9	1.9	1.2	.9	.5									62	74	42	27
60/ 59		1.2	1.1	.3	1.6	1.9	2.2	1.2	.2									62	76	55	30
58/ 57		.6		.8	1.2	.9	2.3	.2										39	53	75	38
56/ 55	.3	.9	.2	.8	.5	.3	1.6	.3										31	35	51	50
54/ 53		.2	.2	.9	.3	.9	.9											22	25	46	42
52/ 51		.6		.3	.6	.5	.2											14	16	48	35
50/ 49		.2			.6	2.0	.2											19	20	40	23
48/ 47		.2	.2	.2	.8	1.1												15	15	45	45
46/ 45	.5	.2		.5	.5	.3												12	12	30	41
44/ 43		.5			.2	.6												8	8	26	35
42/ 41					.2		.3											3	3	13	30
40/ 39					.2													1	1	26	31
38/ 37	.2																	1	1	6	15
36/ 35		.3																2	2	9	21
34/ 33																				1	29
32/ 31																				1	21
30/ 29																				2	22
28/ 27																					14
26/ 25																					20
24/ 23																					4
22/ 21																					3
20/ 19																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) OCT (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																					1
8/ 7																					2
TOTAL	1.4	10.5	7.3	12.7	18.9	17.5	15.8	6.2	5.0	1.7	.8	.2						645	721	645	645

Element (X)	Σy^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.	2438996	37740	58.5	18.930	645							
Dry Bulb	2913246	45430	63.0	8.393	721			32.2	10.2	2.3		93
Wet Bulb	1974029	35267	54.7	8.425	645		.4	5.6				93
Dew Point	1520691	30359	47.1	11.935	645		13.3	2.6				93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 70-78 YEARS — OCT MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85											.4							2	2		
84/ 83									.2		.2							2	2		
82/ 81						.2		.2		.2								3	4		
80/ 79						.4			.8									6	7		
78/ 77					.6	.4	.2	.4	.2									9	11		
76/ 75				.4	.2	.2	.8	.2	.2									10	12		
74/ 73				.4	.6	.4	.4	.2	1.0	.4								17	21		
72/ 71			.6	1.5	1.9	.8	1.5	1.0	.6	.2								39	45	1	
70/ 69	.2	.4	1.7	.6	1.9	1.5	1.0	1.7	.4	.2								46	51	8	1
68/ 67	.2	.4	1.5	2.3	1.9	1.5	1.5	1.0	.2									50	62	18	3
66/ 65	.2	.4	1.7	1.9	2.5	.6	1.5	.6	.6									48	66	32	15
64/ 63	.2	1.7	1.9	1.5	2.1		.2	.8	.2	.4								43	59	37	23
62/ 61			.2	.8	.8	1.7	1.0	2.7	.2	.2								37	51	38	20
60/ 59		1.7	.8	.8	.8	2.1	2.1	.4	.4									44	76	49	26
58/ 57	.6		.2	.8	1.9	.4	1.5	.2										27	36	57	40
56/ 55	.6	.6		.2	.6	.8	2.1											24	33	35	29
54/ 53		.2		.8	.6	1.5	.6											18	23	25	35
52/ 51		.8			.6	.8	.4											13	21	28	34
50/ 49			.2	.2	.6	1.7	.2											14	15	31	21
48/ 47			.4		.8	.8												10	10	31	22
46/ 45				.8	.6	.6												10	13	23	21
44/ 43				.2														1	1	22	20
42/ 41		.6					.4											5	5	12	30
40/ 39		.4		.2														3	3	20	18
38/ 37	.2																	1	1	11	9
36/ 35																				1	20
34/ 33																				1	23
32/ 31																					20
30/ 29																				2	14
28/ 27																					16
26/ 25																					12
24/ 23																					6
22/ 21																					1
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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) OCT (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
10/ 9																					2
TOTAL	2.3	7.3	9.1	13.5	19.1	16.4	15.4	9.5	5.2	1.7	.6							482	630	482	482

Element (X)	ΣX^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.	1801185	28083	58.3	8.520	482							
Dry Bulb	2535254	39636	62.9	8.131	630			32.0	8.7	1.6		93
Wet Bulb	1478899	26389	54.7	8.423	482		.4	5.2				93
Dew Point	1137766	22702	47.1	11.935	482		13.9	.8				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 70-78 YEARS — OCT MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79								.3										1	1		
78/ 77						.3												1	1		
76/ 75					.5	.3			.3									4	5		
74/ 73				.3	.3	.3												3	5		
72/ 71			.3		.5													3	5		
70/ 69		.5	.8	.5	.3													8	11		
68/ 67		.3	2.2	2.5		.5	.5											22	26	7	
66/ 65	.3	1.9	2.2	1.6	1.6	1.4												33	47	18	6
64/ 63		1.1	6.0	4.1	.8	1.1												48	54	17	15
62/ 61	.3	2.2	2.2	2.5	1.1	.8	.3											34	49	21	16
60/ 59	.3	2.5	1.1	1.9		1.4		.3	.3									28	50	42	17
58/ 57	.8	.5	1.6	.8	1.6	1.9	.5	.5										31	51	40	47
56/ 55	.8	.5	.8	2.2	.8	.3	.5	.5										24	43	28	25
54/ 53		.5	1.1	2.5	.8	1.4	.3	.3										25	52	20	18
52/ 51		1.1	.5	3.3		.8												21	33	12	17
50/ 49		.5	.5	1.1	1.4	.5												15	27	28	25
48/ 47		.8	2.5	1.6	.8													21	27	28	18
46/ 45		.3	1.9	.3	.5													11	19	22	13
44/ 43		.3	.5	.3	1.1													8	11	24	15
42/ 41		.5	.3	1.6														9	9	22	27
40/ 39		.5	.8	.8	.3													9	9	8	23
38/ 37		1.1		.3														5	5	10	11
36/ 35			.3															1	1	13	14
34/ 33																				3	12
32/ 31																				2	9
30/ 29																					13
28/ 27																					12
26/ 25																					7
24/ 23																					3
22/ 21																					1
20/ 19																					1
TOTAL	2.5	15.3	25.8	28.2	12.6	11.0	2.2	1.9	.5										541		365
																		365		365	

Element (X)	ΣX^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.	1877881	25565	70.	5.485	365							
Dry Bulb	1808845	30987	57.3	7.934	541			2.3	2.1			93
Wet Bulb	1021407	19049	52.2	8.654	365		.5	1.8				93
Dew Point	856738	17218	47.2	11.059	365		11.7					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | OCT 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
74/ 73																			1		
72/ 71																			1		
70/ 69		1.3	.7															3	3		
68/ 67			2.6	.7		.7												6	9	3	
66/ 65		2.6	1.3		.7													7	11	6	3
64/ 63		2.6	1.3															6	16	4	8
62/ 61		4.0	3.3	.7	2.6													16	19	8	3
60/ 59	.7	6.0	2.6	.7														15	24	11	7
58/ 57		5.3	1.3	1.3	.7	.7												14	22	17	11
56/ 55	2.0	1.3	2.0	2.6	.7													13	25	17	19
54/ 53	.7	.7	.7	2.0	.7		1.3											9	20	6	7
52/ 51		2.0	2.0	2.0	.7	.7												11	36	8	4
50/ 49		.7	2.0	2.6														8	21	9	9
48/ 47		4.0	1.3	.7	.7													0	19	10	9
46/ 45		2.0		1.3	.7													6	14	17	7
44/ 43		2.0	2.6															7	12	3	11
42/ 41		1.3	1.3	.7														5	11	10	5
40/ 39		.7	2.6	.7														6	8	6	16
38/ 37		.7	1.3	.7														4	4	5	5
36/ 35		1.3	1.3	.7														5	5	7	2
34/ 33																				4	4
32/ 31																				2	5
30/ 29																				1	7
28/ 27																					3
26/ 25																					4
24/ 23																					1
22/ 21																					1
TOTAL	3.3	38.4	30.5	17.2	7.3	2.0	1.3												281		151
																		151		151	

Element (X)	ΣX^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.	954851	11827	78.3	13.786	151							
Dry Bulb	826404	15072	53.6	8.015	281			4.6	.3			93
Wet Bulb	394343	7593	50.3	9.140	151		1.8	1.8				93
Dew Point	349218	7070	46.8	11.013	151		12.9					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-76 (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
86/ 85										.0	.2	.0						7	7		
84/ 83									.0	.0	.1							4	4		
82/ 81						.1		.0	.1	.1	.0							10	13		
80/ 79						.1		.2	.2									15	18		
78/ 77				.0	.3	.1	.3	.1	.0									24	28		
76/ 75				.3	.1	.1	.2	.1	.1	.0								28	36		
74/ 73			.1	.4	.4	.3	.4	.1	.5	.1								62	73		
72/ 71		.5	.3	.6	1.1	.4	.5	.4	.2	.0								111	123	10	2
70/ 69	.1	.8	1.6	.8	.9	.8	.3	.6	.3	.1								179	187	38	19
68/ 67	.1	.8	1.0	1.5	1.0	.9	.5	.4	.1									169	195	67	24
66/ 65	.2	1.8	1.3	1.3	1.6	.7	.9	.5	.3	.1								237	284	155	66
64/ 63	.4	1.5	2.0	1.9	1.0	.9	.5	.3	.1	.1								241	285	162	124
62/ 61	.3	1.9	1.3	.9	1.3	1.3	.6	.7	.1	.0								234	282	162	117
60/ 59	.3	2.6	1.1	.9	1.2	1.4	1.0	.5	.1									255	340	253	125
58/ 57	.4	1.4	.8	.9	1.7	1.0	1.0	.2										204	271	275	224
56/ 55	.6	1.3	.6	1.4	.7	1.0	1.0	.1										185	240	188	198
54/ 53	.1	1.0	.7	1.4	.8	1.0	.5	.0										153	214	190	157
52/ 51	.2	1.3	.9	1.1	.6	.7	.2											138	197	179	153
50/ 49	.0	.6	.7	1.0	1.1	1.0	.1											125	168	198	123
48/ 47		1.1	.9	.7	.7	.6												109	139	191	145
46/ 45	.2	.8	.5	.8	.6	.2												89	117	185	174
44/ 43	.0	.8	.5	.1	.4	.2												57	78	143	161
42/ 41		.4	.3	.3	.2		.1											38	52	106	155
40/ 39		.5	.5	.4	.1													42	52	97	139
38/ 37	.1	.3	.1	.3	.1													26	31	61	75
36/ 35	.1	.3	.2	.1														19	19	59	117
34/ 33		.1	.1	.0														8	8	21	109
32/ 31	.1	.0	.1	.1														7	7	22	98
30/ 29		.0	.0															2	2	14	83
28/ 27		.0																1	1	3	59
26/ 25																				4	58
24/ 23																					33
22/ 21																					14
20/ 19																					16

Element (X)	ΣX^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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					1
16/ 15																					2
14/ 13																					1
12/ 11																					3
10/ 9																					2
8/ 7																					2
TOTAL	3.1	19.6	15.5	17.4	15.8	12.8	8.2	4.2	2.3	.7	.3	.0						2779	3471	2779	2779

Element (X)	ΣX^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.	13375900	185428	66.7	19.004	2779							
Dry Bulb	12245670	203648	58.7	9.257	3471		2.1	146.6	38.4	6.9		744
Wet Bulb	7992874	146936	52.9	8.976	2779		11.5	30.8				744
Dew Point	6519195	130645	47.0	11.055	2779		99.6	12.0				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | NOV 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
70/ 69		.4																1	1		
68/ 67																				1	
66/ 65		1.6																4	5		1
64/ 63	.8	.4	.8		.4													6	8	7	7
62/ 61		.8	.4															3	5	1	
60/ 59	.4	1.2			.4	.4												6	11	4	3
58/ 57	.8	.4	.4															4	9	7	6
56/ 55		2.8																7	8	3	3
54/ 53		2.4					.4											7	9	8	6
52/ 51	.4	1.2	1.6		.4													9	12	6	8
50/ 49		2.0	2.8	1.2	.4	.4												17	23	5	5
48/ 47		2.0	2.0		1.2													13	22	15	4
46/ 45		.8	3.3	2.0	.8													17	21	10	7
44/ 43	.8	2.0	2.0	2.0														17	22	11	11
42/ 41	.4	1.6	4.1	2.0	.4													21	24	18	8
40/ 39	.8	2.8	2.8	2.0	.4													22	30	18	14
38/ 37	1.2	4.1	3.7	1.2														25	31	30	16
36/ 35		2.4	4.5	1.6														21	28	23	14
34/ 33		2.0	2.8	.4														13	23	17	16
32/ 31		3.7	2.0	.4														15	18	23	18
30/ 29		1.2	1.2	.8														8	10	18	23
28/ 27		1.2	.4															4	5	9	19
26/ 25		.4																1	1	6	17
24/ 23			1.2															3	3	1	14
22/ 21																				1	10
20/ 19																				2	6
18/ 17		.4	.4															2	2		2
16/ 15																				2	1
14/ 13																					2
12/ 11																					1
10/ 9																					1
8/ 7																					2
6/ 5																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 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
TOTAL	5.7	38.2	36.6	13.8	4.5	.8	.4											246	331	246	246

Element (X)	ΣX^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.	1461195	18635	75.8	14.222	246							
Dry Bulb	645173	14259	43.1	9.679	331		10.6	.3				90
Wet Bulb	410189	9745	39.6	9.929	246		22.7	.4				90
Dew Point	340086	8662	35.2	11.991	246		42.8					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | NOV MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.2			.2											2	2		
74/ 73					.2													1	1		
72/ 71			.3		.2	.3												5	5		
70/ 69			.3	.3	.2	.3	.2											8	8	1	
68/ 67			.3	.3		.3	.2											7	7	2	
66/ 65		.5	.8	.2			.3	.2										12	12	6	3
64/ 63		.2	.5	.3	.3	.3	.3	.2										13	17	7	7
62/ 61	.2	1.1	1.0		.2	.2												16	19	14	3
60/ 59	.2	1.5	.8	.2	.6	1.1	.5	.3										32	35	18	21
58/ 57		1.3	.6	.5	.8	1.1	.2	.3										30	37	19	13
56/ 55		2.3	.8	.5	1.0	1.1	.5											38	42	14	16
54/ 53	.6	1.1	1.6	.5	1.6	.6	.2											39	44	30	29
52/ 51	.6	1.6	1.8	.6	1.3	1.0	.3											45	48	34	15
50/ 49	.5	1.3	2.4	1.0	.8	1.0	.2											44	55	35	16
48/ 47	.2	.2	1.5	1.9	2.3	1.0												43	46	37	21
46/ 45	.5	.3	1.6	2.4	2.4	.2												46	54	47	28
44/ 43		.5	2.4	2.7	2.3	.2												50	56	33	23
42/ 41		.6	1.8	4.2	1.3	.2												50	54	40	21
40/ 39		1.0	2.7	2.1	2.1													49	53	54	31
38/ 37	.8	.2	1.8	1.8	.6													32	35	61	32
36/ 35		1.1	1.6	1.0														23	28	55	43
34/ 33		1.1	.8	.3														14	14	46	30
32/ 31		.2	.8	1.0														12	17	33	47
30/ 29		.2	.2	.2														3	4	15	53
28/ 27			.3															2	2	8	49
26/ 25			.2															1	1	5	31
24/ 23			.2															1	1	2	23
22/ 21																				1	26
20/ 19			.2															1	1	1	14
18/ 17			.2															1	1		11
16/ 15																				2	7
14/ 13																					2
12/ 11																					1
10/ 9																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | NOV 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
8/ 7																					1
6/ 5																					2
TOTAL	3.5	16.1	27.4	22.1	18.1	8.9	2.9	1.0										620	699	620	620

Element (X)	ΣX^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.	2906996	41092	66.3	17.219	620							
Dry Bulb	1689387	33711	48.2	9.545	699		3.5	3.0	.4			90
Wet Bulb	1214782	26806	43.2	9.495	620		9.7	.4				90
Dew Point	931510	22632	36.8	12.105	620		38.9					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81								.2										1	1		
80/ 79						.5												3	3		
78/ 77					.3	.2		.2	.2									5	5		
76/ 75					.2	.2	.3	.3										6	6		
74/ 73				.3	.2	.3	.3											7	7		
72/ 71			.2	.2		.2	.2	.2	.2									6	8		
70/ 69				.5	.2	.3		.5		.3								11	12	7	
68/ 67			.3	.3	.2	.3	.7		.2	.3								14	16	5	
66/ 65		.2	.3	.2		.7	.7	.2	.2									14	20	3	5
64/ 63		.5	.3	.2	1.2	.2		.3										16	17	12	5
62/ 61		1.2	.7	1.0	1.5	1.0	.7	.2	.3									39	43	15	9
60/ 59	.2	1.0	.2	.7	.8	1.0	1.7	.5										36	45	15	15
58/ 57		.8	.5	.5	.3	1.2	1.8	.2	.2									33	38	22	8
56/ 55	.7	1.3	2.2	1.2	1.2	1.3	.3	.2										50	52	29	21
54/ 53	.2	1.3	.8	1.7	2.2	1.7	1.0											53	56	33	22
52/ 51	.3	.3	.5	1.8	.8	1.2	.8	.2										36	46	36	19
50/ 49	.5	.2	.7	.7	.7	1.7	.5											29	36	41	26
48/ 47	.2	.2	.3	1.3	4.1	1.3												45	47	41	25
46/ 45		.3	1.2	3.0	2.6	.8	.2											49	58	53	27
44/ 43		.5	.8	2.6	2.5	1.0	.2											46	49	24	17
42/ 41	.2	.5	1.0	2.2	.7	.3												29	35	38	20
40/ 39	.2	.8	.7	1.5	2.0													31	36	72	28
38/ 37		.3	.2	1.5	.7													16	19	53	37
36/ 35	.2	.8	.2	1.0	.2													14	16	37	42
34/ 33		1.0		.8														11	14	26	33
32/ 31				.2														1	2	24	54
30/ 29																				12	43
28/ 27				.3														2	2	3	39
26/ 25																					30
24/ 23			.2															1	1		18
22/ 21																				2	20
20/ 19																				1	15
18/ 17																					14
16/ 15																					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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | NOV 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
14/ 13																					4
12/ 11																					1
10/ 9																					1
6/ 5																					1
2/ 1																					1
TOTAL	2.5	11.3	11.1	23.5	22.4	15.2	9.3	3.0	1.2	.7									690		604
																		604		604	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2327366	35952	59.5	17.652	604							
Dry Bulb	1933599	35857	52.0	10.096	690		.7	7.6	2.9	.1		90
Wet Bulb	1294398	27380	45.3	9.396	604		6.3	1.8				90
Dew Point	934188	22594	37.4	12.149	604		36.5					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-76 YEARS | NOV 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
82/ 81						.2			.2									2	2		
80/ 79						.2					.2							2	2		
78/ 77									.2									1	1		
76/ 75								.4	.4									4	5		
74/ 73				.4	.2		.4	.2	.2									7	10		
72/ 71				.2		.4		.4	.2									6	7	1	
70/ 69						.2	.4		.2	.2	.2							6	7	1	
68/ 67				.2			.4	.2		.2	.2							6	8	3	
66/ 65		.4	.4	.2		.8	.8											13	23	2	1
64/ 63		.8	.2	.2	.4	.4		.6										13	20	7	3
62/ 61		.6	.2	1.2	.4	1.0	.6	.6	.4									25	30	12	7
60/ 59	.2	.2	.8	.4	.4	.6	.8	1.0	.4									24	33	9	7
58/ 57	.0	.6	1.2	.6	.4	1.6	1.0	.2										31	44	17	9
56/ 55	.4	.6	1.5	1.6	1.0	1.2	.6											35	39	25	11
54/ 53		1.8	2.0	1.0	2.0	1.0	1.4											46	52	21	16
52/ 51	.4	.4	.6	1.4	1.8	.8	1.0											32	42	30	17
50/ 49		.8	.8	.6	1.2	2.8	.6											34	41	35	15
48/ 47		1.2	.8	1.2	3.4	1.8												42	51	43	30
46/ 45			1.2	2.6	3.2	.8	.2											40	50	35	20
44/ 43		.4	1.2	3.4	2.0	.6	.6											41	51	25	19
42/ 41	.2		.6	2.2	1.2	.6												24	31	35	16
40/ 39	.2	.2	.2	1.8	1.6													20	25	60	25
38/ 37	.4	.4	.4	.8	.4													12	17	43	26
36/ 35	.2	.4	1.0	1.6														16	18	30	40
34/ 33	.4	.6	1.0	.4														12	18	22	24
32/ 31		.2	.2															2	3	24	35
30/ 29																				14	22
28/ 27			.4	.2														3	3	2	40
26/ 25																					47
24/ 23																				2	24
22/ 21																				1	16
20/ 19																					9
18/ 17																					7
16/ 15																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | NOV MONTH

PAGE 2 | 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
14/ 13																					3
12/ 11																					4
2/ 1																					1
TOTAL	3.0	9.6	14.8	22.2	19.6	15.0	8.8	3.6	2.2	.4	.6								633		499
																		499		499	

Element (X)	ΣX^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.	190717	29469	59.1	8.224	499							
Dry Bulb	1737264	32556	51.4	4.974	633		.9	6.0	2.8	.3		90
Wet Bulb	1028323	22209	44.5	8.947	499		7.8	.9				90
Dew Point	726981	18135	36.3	11.677	499		38.4					90

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-76 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
74/ 73				.3			.3											2	2		
72/ 71				.3		.3	.6	.3										5	6		
70/ 69						.3												1	4		
68/ 67				.3			.3	.9										4	7	2	
66/ 65					.3	.6	.6											5	7		
64/ 63				.6	.3				.3									4	13	1	2
62/ 61				.3	.3	.3		.3										4	9	2	
60/ 59			.6	.9	1.2	.6												11	20	4	1
58/ 57	.9		.3	1.2	1.2	.6		.3										15	29	6	3
56/ 55	.3	.6	1.2	1.2	.9	.6	.3	.3										18	23	9	3
54/ 53		.9	.9	.9	1.6	1.2												18	31	14	6
52/ 51	1.2	.6	.9	1.9	.9													18	29	18	11
50/ 49	.3	.3	1.9	1.6	1.6	.6												20	29	15	14
48/ 47	.6	2.2	1.9	1.2	1.9	.9												28	39	21	11
46/ 45		.3	1.6	2.2	2.5	.6	.3											24	39	29	18
44/ 43		.9	1.9	1.9	1.6	.3												21	36	18	12
42/ 41		1.9	1.0	1.9	3.1													27	41	17	14
40/ 39		1.2	1.6	4.0	1.2													26	34	30	24
38/ 37		.6	2.8	3.7														23	27	22	14
36/ 35	.3	.3	1.6	3.4														18	29	26	25
34/ 33		.9	2.2	.6														12	15	33	13
32/ 31		1.2	1.2															8	9	22	17
30/ 29		.9	1.2															7	9	19	17
28/ 27																				7	20
26/ 25			.9															3	3	4	33
24/ 23																					23
22/ 21																				3	17
20/ 19																					11
18/ 17																					7
16/ 15																					3
12/ 11																					2
10/ 9																					1
TOTAL	3.7	13.0	24.2	28.6	18.6	7.1	2.5	1.9	.3									322	490	322	322

Element (X)	ΣX^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.	1407265	20697	64.3	15.482	322							
Dry Bulb	1153706	23292	47.5	9.754	490		3.9	3.5	.4			90
Wet Bulb	573276	13284	41.3	8.869	322		15.4	.6				90
Dew Point	419930	11088	34.4	10.753	322		42.2					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) NOV (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
70/ 69						.4												1	1		
68/ 67				.4														1	2		
66/ 65			.4				.4	.4										3	6		
64/ 63			.9	.4														3	9		
62/ 61					.9													2	8	2	
60/ 59		.4	.4	.9		.4	.4											6	14	3	1
58/ 57		.4	.4	1.8														6	19	3	2
56/ 55	.4			2.7	.4		.9											10	13	2	5
54/ 53	.4	.9		.9	.9	.9												9	17	9	2
52/ 51	.9		.4		1.3													6	22	8	5
50/ 49	.9	.9	.9	2.2		.9												13	28	10	5
48/ 47	.4	.4	2.2	.4	.9	.4												11	19	8	10
46/ 45	.4	1.8	1.8	.9	3.1													18	37	12	4
44/ 43		1.8	2.2	.4	2.2													15	31	14	6
42/ 41		1.3	1.3	2.7	1.8													16	30	12	10
40/ 39		4.5	.9	4.9	1.3													26	42	15	12
38/ 37		.9	4.5	1.8														16	20	20	13
36/ 35		1.8	6.7	3.1														26	38	20	17
34/ 33		.9	4.9	.9														15	22	26	10
32/ 31		.9	2.7															8	10	27	8
30/ 29		1.3																3	6	17	11
28/ 27			1.8															4	4	6	23
26/ 25			.4															1	1	1	30
24/ 23			.9															2	2	3	25
22/ 21			.9															2	2	1	8
20/ 19																				4	5
18/ 17																					2
16/ 15																					4
10/ 9																					3
8/ 7																					2
TOTAL	3.6	18.4	35.0	24.7	13.0	3.1	1.8	.4											403		223
																		223		223	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1065492	15052	67.5	14.935	223							
Dry Bulb	850550	18124	45.0	9.393	403		5.6	.7				90
Wet Bulb	351980	8642	38.8	6.770	223		23.6					90
Dew Point	261142	7262	32.6	10.538	223		48.6					90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 70-78 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
82/ 61						.0		.0	.0									3	3		
80/ 79						.2					.0							5	5		
78/ 77					.1	.0		.0	.1									6	6		
76/ 75				.0	.0	.0	.1	.2	.1									12	13		
74/ 73				.2	.1	.1	.2	.0	.0									17	20		
72/ 71			.1	.1	.0	.2	.1	.2	.1									22	26	1	
70/ 69		.0	.1	.2	.1	.3	.1	.1	.0	.1	.0							28	33	9	
68/ 67			.2	.3	.0	.2	.3	.1	.0	.1	.0							32	40	13	
66/ 65		.4	.4	.1	.0	.4	.5	.1	.0									51	73	11	10
64/ 63	.1	.4	.4	.3	.5	.2	.1	.2	.0									55	84	34	24
62/ 61	.0	.8	.5	.5	.6	.5	.3	.2	.2									89	114	46	19
60/ 59	.2	.8	.5	.5	.6	.8	.7	.4	.1									115	158	53	48
58/ 57	.3	.7	.6	.7	.5	1.0	.7	.2	.0									119	176	74	41
56/ 55	.3	1.4	1.2	1.1	.9	.9	.4	.1										158	177	82	59
54/ 53	.2	1.4	1.1	.9	1.6	1.0	.6											172	209	115	81
52/ 51	.6	.8	1.0	1.1	1.2	.7	.5	.0										146	199	132	75
50/ 49	.4	.8	1.5	1.0	.8	1.4	.3											157	212	141	81
48/ 47	.2	.8	1.2	1.2	2.7	1.1												182	224	165	101
46/ 45	.2	.4	1.6	2.4	2.5	.5	.1											194	259	186	104
44/ 43	.1	.8	1.7	2.5	1.9	.4	.2											190	245	125	88
42/ 41	.1	.8	1.5	2.7	1.3	.2												167	215	160	89
40/ 39	.2	1.3	1.4	2.4	1.6													174	220	249	134
38/ 37	.4	.8	1.7	1.7	.4													124	149	229	138
36/ 35	.1	1.0	1.9	1.7	.0													118	157	191	181
34/ 33	.1	1.0	1.4	.6														77	106	170	126
32/ 31		.7	.8	.3														46	59	153	179
30/ 29		.4	.3	.1														21	29	95	169
28/ 27		.1	.4	.1														15	16	35	190
26/ 25		.0	.2															6	6	16	188
24/ 23			.3															7	7	8	127
22/ 21			.1															2	2	9	97
20/ 19			.0															1	1	8	60
18/ 17		.0	.1															3	3		43
16/ 15																				4	24

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												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					11
12/ 11																					9
10/ 9																					7
8/ 7																					5
6/ 5																					4
2/ 1																					2
TOTAL	3.4	15.6	22.2	22.7	17.7	10.1	5.2	1.9	.8	.2	.1							2514	3246		2514
																				2511	

Element (X)	ΣX^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.	11074531	160897	64.0	17.585	2514							
Dry Bulb	8009679	157799	48.6	10.214	3246		27.3	32.4	10.4	.7		720
Wet Bulb	4872948	108066	43.0	9.518	2514		93.9	6.6				720
Dew Point	3612837	90571	36.0	11.799	2514		319.3					720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | DEC MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57		.4																1	3		
56/ 55	.4		.4															2	3	2	2
54/ 53		.9																2	3	2	
52/ 51	.9																	2	2	3	3
50/ 49	1.3	.9					.4											6	8	3	5
48/ 47	.4	.4	.4	.9		.4												6	10	4	1
46/ 45	1.3	.9	.4	.4														7	9	3	6
44/ 43	1.3	3.5	2.2	.4														17	19	7	5
42/ 41	.4	3.0	1.3	.9														13	15	14	5
40/ 39	1.3	1.7	3.0	1.3	.9													19	20	18	13
38/ 37	2.2	1.7	3.9	1.7														22	30	11	10
36/ 35	1.3	3.9	3.9	1.3	.4													25	38	20	10
34/ 33	.4	1.3	7.0	.9	.4													23	32	21	10
32/ 31	.4	3.9	1.7	.4														15	24	22	15
30/ 29	.4	1.7	3.0	.4														13	19	26	15
28/ 27		4.8	1.3	.9														16	20	12	17
26/ 25		1.3	3.9															12	16	17	13
24/ 23		2.2																5	6	12	18
22/ 21		3.0																7	10	12	14
20/ 19	.4	1.3	1.7															8	14	6	15
18/ 17		.9	.4															3	7	4	10
16/ 15		.9	1.7															6	8	5	16
14/ 13																				3	7
12/ 11																				3	5
10/ 9																					2
8/ 7																					4
6/ 5																					1
4/ 3																					2
2/ 1																					1
0/ -1																					1
-2/ -3																					1
-10/-11																					3
TOTAL	12.6	38.7	36.5	9.6	1.7	.4	.4											230	316	230	230

Element (X)	ΣX^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.	1340462	17150	74.6	16.410	230							
Dry Bulb	395553	10815	34.2	8.982	316		36.5					93
Wet Bulb	254518	7374	32.1	8.891	230		49.3					93
Dew Point	19°345	6177	26.9	1.904	230	2.0	64.7					93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | DEC 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
66/ 65																			1		
64/ 63						.3												2	2		
62/ 61							.2											1	2		
60/ 59						.3												2	2		
58/ 57		.7	.2	.2		.3												8	9	2	1
56/ 55			.2				.2											2	3	2	3
54/ 53	.2	.3	.3			.2	.2											7	8	5	1
52/ 51	.5	.7		.3	.3	.3												13	14	9	4
50/ 49	.2	.3	.2	.8	.5	.5	.2											16	17	7	6
48/ 47	.3	.3	.8	.8	1.2	.2												22	24	8	8
46/ 45	1.5	2.4	1.7	1.5	.8	.2												48	53	20	18
44/ 43	1.3	1.3	2.0	2.0	1.3													48	55	34	15
42/ 41	.7	3.0	1.3	3.0	.5													51	53	42	14
40/ 39	1.3	3.0	2.2	3.7	.5													64	71	55	39
38/ 37	1.7	3.0	3.5	3.7	.3													73	76	53	34
36/ 35	.5	1.7	4.6	3.7														62	69	60	36
34/ 33		2.2	2.5	2.0	.7													44	47	63	21
32/ 31		1.2	1.9	2.7	.2													35	42	63	35
30/ 29	.3	.7	2.7	.3		.2												25	27	44	50
28/ 27	.2	1.3	2.0	.3														23	27	30	56
26/ 25		.3	1.9	.2														14	14	36	49
24/ 23		.7	.7															8	10	18	33
22/ 21	.3	.3	1.5	.2														14	17	14	27
20/ 19		.8	.7															9	13	14	39
18/ 17		.2																1	1	10	26
16/ 15			.2															1	1	3	21
14/ 13																				1	18
12/ 11																					14
10/ 9																					11
8/ 7																					2
6/ 5																					7
4/ 3																					1
2/ 1																					3
≤24/≤25																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 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
TOTAL	9.1	24.6	31.0	25.6	6.4	2.5	.7											593	658	593	593

Element (X)	ΣX^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.	3026445	41135	69.4	17.095	593							
Dry Bulb	998646	25056	38.1	8.233	658		21.5					93
Wet Bulb	743873	20481	34.5	7.852	593		36.5					93
Dew Point	543782	16810	28.3	10.659	593	.2	61.6					93

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

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69				.2														1	3		
68/ 67																			1		
66/ 65																				1	
64/ 63						.4	.4	.5										7	7		
62/ 61		.2		.2														2	2		1
60/ 59		.5	.2															4	4	1	
58/ 57	.7	.7		.4	.2	.2	.2	.2										14	14	8	6
56/ 55			.2	.4	.5	.2	.4											9	9	5	6
54/ 53				.4	.7	.9	.5	.2										15	15	2	1
52/ 51	.4		1.1	1.1	.7	.4	.9	.2										26	27	7	2
50/ 49	.9	.7	.4	1.2	1.1	.5	.4											29	31	14	6
48/ 47	1.1	1.2	1.4	1.4	1.6	1.8	.2											49	58	26	12
46/ 45	1.6	1.6	.7	1.8	3.4	.5												54	65	31	23
44/ 43	.4	1.8	.5	2.7	3.0	.7												51	64	37	16
42/ 41	.5	1.8	2.3	2.5	2.9	.7	.2											61	69	41	17
40/ 39	.5	2.3	2.1	3.7	2.1	.2												62	72	57	33
38/ 37	.9	.7	1.4	5.4	.9													52	56	68	24
36/ 35	.7	.4	1.2	1.8	1.2													30	31	61	37
34/ 33	.2	.2	1.2	3.6	.2													30	34	42	19
32/ 31	.2		1.8	1.2														18	24	52	29
30/ 29			.7	.9														9	12	26	38
28/ 27	.5	.2	.7	.9														13	17	35	42
26/ 25	.2		1.2	.5														11	13	11	50
24/ 23		.2	.5	.2														5	7	10	40
22/ 21		.2	1.2															8	9	14	40
20/ 19																				3	36
18/ 17																				8	16
16/ 15																					16
14/ 13																					12
12/ 11																					13
10/ 9																					10
8/ 7																					6
6/ 5																					2
4/ 3																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 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
2/ 1																					1
0/ -1																					1
TOTAL	6.7	12.7	19.1	30.4	18.6	6.4	3.0	1.1										560	644	560	560

Element (X)	ΣX^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.	2400047	35067	62.6	9.111	560							
Dry Bulb	1171038	26928	41.8	8.373	644		11.8	.6				93
Wet Bulb	802462	20718	37.0	8.022	560		26.4					93
Dew Point	546006	16330	29.2	1.175	560	.2	59.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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
70/ 69			.2							.2								2	4		
68/ 67																			1		
66/ 65		.2																1	1	1	
64/ 63			.2		.4		.4	.2										6	6	1	2
62/ 61		.7	.2	.2			.9											9	10		
60/ 59		.7		.2														4	5	5	2
58/ 57	.4		.2					.4										5	5	5	8
56/ 55	.2	.2	.2	.7	.4	.2		.2										10	12	4	1
54/ 53		.2	1.5	.4	.4	.4	1.1											19	25	4	
52/ 51	.2		.4	1.8	.7	.7	.7											20	22	7	4
50/ 49	.2	1.3	.4	1.5	.7	.9	.2											24	32	19	6
48/ 47	.4	1.1	.7	2.0	.9	1.3												29	37	16	11
46/ 45	1.1	2.6	.2	2.9	3.1	1.5												52	65	24	18
44/ 43	.9	2.2	2.2	3.1	1.8	.7	.2											50	65	30	17
42/ 41	.7	1.3	2.2	2.9	1.1	.2												38	52	36	20
40/ 39	1.3	.7	.9	2.4	2.0	1.1	.2											39	59	47	29
38/ 37	.7	.7	2.0	4.2	1.1													39	48	55	12
36/ 35	.4	.7	1.1	2.9	1.5													30	39	34	25
34/ 33		.2	1.8	2.2	.2													20	26	32	22
32/ 31		.2	2.0	.9														14	22	41	23
30/ 29			.7	1.5														10	14	27	27
28/ 27	.7	.2	2.0	.2														14	17	25	31
26/ 25			1.8	.7														11	16	9	36
24/ 23		.4	.2	.2														4	5	17	39
22/ 21			.9															4	5	8	21
20/ 19																				3	22
18/ 17																				4	10
16/ 15																					21
14/ 13																					15
12/ 11																					12
10/ 9																					8
8/ 7																					4
6/ 5																					3
4/ 3																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

9477 5432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | DEC MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	7.3	13.7	2.0	30.8	14.3	7.0	3.7	.9		.2								454	593	454	454

Element (X)	ΣX^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.	1955723	28497	62.8	19.201	454							
Dry Bulb	1099957	25005	42.2	8.774	593		12.4	.8				93
Wet Bulb	669019	16993	37.4	6.532	454		27.4					93
Dew Point	460951	13429	29.6	11.861	454		56.7					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | DEC 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
72/ 71																			1		
70/ 69																			1		
66/ 65																			1		
64/ 63						.3												1	2		
62/ 61	.3	.3	.3															3	3	2	1
60/ 59		.3	.3															2	4		1
58/ 57		.6																2	2	2	1
56/ 55	.3		.3			.3												3	3	5	3
54/ 53			1.0															3	4		2
52/ 51	.3	.3			.3			.3										4	16	2	1
50/ 49		1.3		.3		.3	.3											7	17	6	1
48/ 47	.6	1.3	1.0	1.6	1.0	.3												18	27	6	11
46/ 45		1.9	2.9	.6	3.2	.3	.3											29	34	4	3
44/ 43	2.6	1.3	2.6	2.3	.6													29	35	25	15
42/ 41	.3	1.0	4.2	2.6	.3													26	41	15	4
40/ 39	1.9	2.6	6.1	3.9	.6													47	71	25	16
38/ 37	.3	1.0	1.0	1.3	.6													13	28	42	12
36/ 35		.6	1.0	1.9	.6													13	31	34	12
34/ 33		.6	4.2	5.1														31	50	14	18
32/ 31		1.3	3.9	1.3														20	28	17	21
30/ 29		.6	3.9	1.3														18	26	34	25
28/ 27		1.9	3.5	.3														18	22	18	22
26/ 25			2.6															8	11	22	20
24/ 23		.3	2.6															9	13	19	16
22/ 21			1.3															4	8	6	19
20/ 19		.6	.3															3	5	7	21
18/ 17																				6	13
16/ 15																					17
14/ 13																					9
12/ 11																					13
10/ 9																					4
8/ 7																					5
6/ 5																					4
4/ 3																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 YEARS | DEC 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
TOTAL	6.8	18.0	42.8	22.5	7.4	1.6	.6	.3										311	484	311	311

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.	1508362	21068	67.7	16.180	311							
Dry Bulb	757430	18686	38.6	8.635	484		21.7	.4				93
Wet Bulb	393376	10742	34.5	6.490	311		38.6					93
Dew Point	283463	8705	28.0	11.332	311		62.8					93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) DEC (MONTH)

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63																			1		
62/ 61																			2		
58/ 57		1.0	.5															3	4		
56/ 55		.5	.5															2	2	2	1
54/ 53																			2	2	2
52/ 51		1.0	.5															3	10	1	1
50/ 49		1.4		1.0														5	14	6	1
48/ 47		.5		.5	.5	1.0												5	8	1	5
46/ 45		2.9	1.4	1.0														11	24	3	3
44/ 43	3.8	.5	.5	2.4	.5													16	33	14	13
42/ 41	1.0	1.4	2.4	1.0														12	21	6	3
40/ 39	1.0	4.8	5.3	2.4														28	41	15	5
38/ 37		3.8	2.4	1.9														17	32	19	11
36/ 35		1.9	1.4	1.9	.5													12	33	23	6
34/ 33		1.4	4.8	2.4														18	38	11	15
32/ 31		2.4	4.3	1.4														17	34	17	10
30/ 29		.5	4.8															11	14	17	13
28/ 27		4.8	2.4	.5														16	23	15	12
26/ 25		1.0	3.3	1.0														11	17	21	17
24/ 23		2.9	1.9															10	14	7	13
22/ 21	.5		1.9															5	7	13	11
20/ 19		2.4																5	14	7	13
18/ 17		1.0																2	6	7	15
16/ 15																				2	12
14/ 13																					8
12/ 11																					6
10/ 9																					4
8/ 7																					2
6/ 5																					5
4/ 3																					2
TOTAL	6.2	35.9	38.3	17.2	1.4	1.0												209	394	209	209

Element (X)	ΣX^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.	1124004	14986	71.7	15.420	209							
Dry Bulb	548846	14288	36.3	8.839	394		30.4					93
Wet Bulb	236874	6808	32.6	8.523	209		47.2					93
Dew Point	177562	5626	26.9	11.206	209		63.6					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (YEARS) DEC (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
72/ 71																			1		
70/ 69			.0	.0						.0								3	8		
68/ 67																			2		
66/ 65		.0																1	3	2	
64/ 63			.0		.1	.2	.2	.2										16	18	1	2
62/ 61	.0	.2	.1	.1			.2											15	19	2	2
60/ 59		.3	.1	.0		.1												12	15	6	3
58/ 57	.3	.6	.1	.1	.0	.1	.0	.1										33	37	17	16
56/ 55	.1	.1	.3	.2	.2	.1	.1	.0										28	32	20	16
54/ 53	.0	.2	.5	.2	.3	.3	.4	.0										46	57	15	6
52/ 51	.4	.3	.4	.7	.4	.3	.3	.1										68	91	29	15
50/ 49	.4	.9	.2	.9	.5	.5	.3											87	119	55	25
48/ 47	.6	.8	.8	1.3	1.0	.9	.0											129	164	61	48
46/ 45	1.1	2.1	1.2	1.6	2.0	.5	.2											201	250	85	71
44/ 43	1.4	1.7	1.7	2.3	1.5	.3	.0											211	271	147	81
42/ 41	.6	2.0	2.2	2.4	1.1	.2	.0											201	251	134	63
40/ 39	1.2	2.4	2.8	3.1	1.2	.3	.0											259	334	217	135
38/ 37	1.0	1.7	2.3	3.5	.6													216	270	248	103
36/ 35	.5	1.3	2.3	2.5	.8													172	241	232	126
34/ 33	.1	1.0	2.9	2.8	.3													166	227	183	105
32/ 31	.1	1.1	2.3	1.5	.0													119	174	212	133
30/ 29	.1	.5	2.2	.8		.0												86	112	174	168
28/ 27	.3	1.6	1.9	.5														100	126	135	180
26/ 25	.0	.3	2.1	.4														67	87	116	185
24/ 23		.8	.8	.1														41	55	83	159
22/ 21	.1	.4	1.2	.0														42	56	67	132
20/ 19	.0	.5	.4															25	46	40	146
18/ 17		.2	.0															6	14	39	90
16/ 15		.1	.2															7	9	10	103
14/ 13																				4	69
12/ 11																				3	63
10/ 9																					39
8/ 7																					23
6/ 5																					22

Element (X)	ΣX^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 Bul												
Wet Bul												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-78 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
4/ 3																					16
2/ 1																					5
0/ -1																					2
-2/ -3																					1
-10/-11																					3
-24/-25																					1
TOTAL	8.4	21.2	29.2	25.0	10.1	3.9	1.7	.5		.0								2357	3089	2357	2357

Element (X)	ΣX^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.	11355043	157903	67.0	18.156	2357							
Dry Bulb	4971470	120778	39.1	8.982	3089		163.5	2.6				744
Wet Bulb	3100122	83116	35.3	8.474	2357		278.7					744
Dew Point	2210109	67077	28.5	1.307	2357	2.2	486.1					744

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION — MARTIN MARIETTA AIRFIELD MD STATION NAME — 70-79 YEARS — ALL MONTH

 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
100/ 99													.0					1	1		
98/ 97									.0		.0	.0						4	6		
96/ 95							.0	.0	.0	.0	.0		.0					21	24		
94/ 93					.0	.0	.0	.0	.0	.1	.0							54	62		
92/ 91					.0	.0	.0	.1	.1	.0	.0	.0						99	120		
90/ 89				.0	.0	.1	.1	.2	.1	.1	.1	.1	.0					215	265		
88/ 87			.0	.0	.1	.2	.3	.2	.1	.1	.1	.0	.0	.0				342	415		
86/ 85			.0	.1	.2	.5	.3	.3	.3	.1	.1	.0	.0	.0				606	731	3	
84/ 83		.0	.0	.2	.4	.5	.5	.4	.2	.1	.1	.0	.0	.0				764	970	21	1
82/ 81		.0	.1	.5	.8	.7	.7	.3	.3	.2	.1	.0	.0	.0				1054	1279	48	16
80/ 79		.0	.2	.7	.7	.9	.3	.5	.3	.1	.1	.0	.0					1184	1467	151	36
78/ 77	.0	.1	.4	.7	.9	.4	.5	.3	.3	.2	.1	.0	.0					1114	1430	327	93
76/ 75		.3	.5	.8	.5	.6	.4	.4	.3	.1	.0	.0	.0	.0				1195	1540	792	220
74/ 73	.0	.5	.6	.8	.4	.6	.4	.3	.2	.1	.0	.0	.0					1156	1429	1183	449
72/ 71	.1	.6	.6	.5	.7	.6	.4	.3	.2	.1	.0	.0	.0					1161	1436	1189	977
70/ 69	.2	.5	.8	.5	.6	.5	.3	.3	.2	.1	.0	.0						1218	1470	1506	1136
68/ 67	.0	.3	.5	.6	.4	.5	.3	.2	.1	.1	.0	.0						958	1191	1303	1101
66/ 65	.1	.7	.6	.6	.5	.4	.4	.2	.2	.1	.0	.0						1103	1359	1329	1148
64/ 63	.1	.5	.6	.5	.5	.5	.3	.2	.2	.1	.0	.0						1007	1273	1249	1206
62/ 61	.1	.5	.4	.4	.5	.4	.3	.3	.1	.0	.0							914	1125	1238	1097
60/ 59	.1	.7	.4	.4	.4	.4	.5	.3	.1	.0	.0							956	1249	1166	1040
58/ 57	.1	.5	.3	.3	.4	.5	.5	.2	.0									862	1159	1146	1166
56/ 55	.1	.5	.4	.5	.4	.6	.4	.1	.0									907	1136	951	1066
54/ 53	.1	.6	.4	.4	.5	.5	.4	.1	.0									881	1131	925	924
52/ 51	.2	.5	.4	.5	.5	.5	.3	.1	.0									842	1120	882	962
50/ 49	.1	.5	.4	.5	.6	.5	.3	.1										867	1135	1016	839
48/ 47	.2	.5	.5	.6	.8	.5	.1	.0	.0									950	1188	990	872
46/ 45	.2	.6	.6	.8	.8	.4	.1	.0										1056	1305	1107	947
44/ 43	.2	.6	.6	.7	.8	.3	.1											959	1214	1015	791
42/ 41	.1	.6	.6	.8	.7	.2	.0											893	1118	1009	760
40/ 39	.2	.7	.8	.9	.6	.1	.0											974	1262	1196	933
38/ 37	.3	.6	.7	.9	.4	.0												882	1096	1130	813
36/ 35	.2	.6	.7	.8	.2	.0												760	1013	1149	1049
34/ 33	.1	.6	.8	.7	.2	.0												705	988	961	858

Element (X)	ΣX^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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9677-54331

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93744 STATION | MARTIN MARIETTA AIRFIELD MD STATION NAME | 70-79 YEARS | ALL 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				
32/ 31	.1	.5	.8	.7	.1													619	916	932	1013
30/ 29	.1	.4	.8	.5	.1	.0												553	762	769	1063
28/ 27	.1	.6	.6	.4	.0													498	681	648	990
26/ 25	.0	.2	.7	.2	.0													317	477	632	981
24/ 23	.0	.2	.5	.1														238	339	443	746
22/ 21	.0	.2	.4	.1														192	306	331	726
20/ 19	.0	.2	.2	.0														138	236	261	702
18/ 17		.1	.1	.0														72	127	175	509
16/ 15	.0	.1	.1															49	113	106	539
14/ 13	.0	.0	.0															21	51	54	370
12/ 11		.0	.0															15	42	25	339
10/ 9		.0	.0															8	22	18	294
8/ 7		.0																3	13	12	207
6/ 5		.0	.0															5	7	2	154
4/ 3	.0	.0																3	6	5	73
2/ 1	.0																	1	6	3	70
0/ -1																					33
-2/ -3																					29
-4/ -5																					24
-6/ -7																					16
-8/ -9																					9
-10/-11																					5
-12/-13																					1
-22/-23																					1
-24/-25																					1
-26/-27																					1
TOTAL	3.2	14.7	17.3	17.8	14.9	11.9	8.3	5.3	3.5	1.7	.9	.3	.1	.0				29396	37811	29396	29396

Element (X)	ΣX^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.	128147517	1863387	63.4	18.471	29396							
Dry Bulb	136305101	2160755	57.1	18.418	37811		914.5	3241.5	2287.4	1072.5	22.5	8760
Wet Bulb	84608161	1504147	51.2	16.125	29396		1341.7	1909.5	734.3	35.7		8760
Dew Point	68483010	1309360	44.5	18.593	29396	35.9	2705.8	1171.6	237.9	9.7		8760

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN			42.5										42.5
	S D													
	TOTAL OBS			2										2
03-05	MEAN				71.0			76.0	70.3	66.0	53.7			66.5
	S D								5.252					11.370
	TOTAL OBS				1			2	4	1	3			11
06-08	MEAN	29.7	29.0	39.8	50.6	59.5	68.7	72.6	71.8	65.0	52.1	43.1	34.2	54.2
	S D	9.725	10.717	8.872	8.466	7.453	6.331	5.538	5.487	7.030	8.996	9.679	8.982	17.286
	TOTAL OBS	358	335	330	338	483	476	487	507	561	559	331	316	5166
09-11	MEAN	32.4	34.4	44.5	55.5	65.2	74.4	78.7	78.3	71.6	58.8	48.2	38.1	56.5
	S D	9.364	10.935	9.069	9.378	8.133	6.810	6.102	5.487	7.207	8.249	9.545	8.233	18.438
	TOTAL OBS	729	673	643	621	635	626	627	738	708	736	699	658	8091
12-14	MEAN	35.7	38.4	48.4	59.4	68.5	77.6	81.8	81.6	75.3	63.0	52.0	41.8	60.2
	S D	9.411	11.371	9.370	10.082	8.426	6.962	6.154	5.146	7.440	8.393	10.096	8.373	18.400
	TOTAL OBS	716	649	636	616	626	618	616	720	697	721	690	644	7947
15-17	MEAN	36.1	39.2	50.1	61.0	69.5	78.6	82.4	81.8	75.7	62.9	51.4	42.2	60.3
	S D	9.266	11.648	9.446	10.034	8.842	6.657	6.217	5.235	6.970	8.131	9.974	8.774	18.425
	TOTAL OBS	647	615	573	572	538	516	525	642	597	630	633	593	7081
18-20	MEAN	33.2	35.5	46.8	58.1	66.9	75.2	79.3	78.0	71.0	57.3	47.5	38.6	56.9
	S D	8.823	10.973	8.978	9.430	8.399	6.347	5.882	5.222	6.973	7.934	9.754	8.635	18.158
	TOTAL OBS	524	491	447	484	482	435	437	519	510	541	490	484	5784
21-23	MEAN	30.2	31.6	43.6	53.6	63.0	71.1	75.3	74.1	67.4	53.6	45.0	36.3	50.2
	S D	8.795	10.202	8.690	8.657	7.131	5.845	5.238	5.489	6.579	8.015	9.393	8.839	17.621
	TOTAL OBS	414	394	345	325	215	213	217	267	261	281	403	394	3729
ALL HOURS	MEAN	33.3	35.4	46.1	57.0	65.8	74.8	78.8	78.2	71.6	58.7	48.6	39.1	57.1
	S D	9.572	11.540	9.661	10.051	8.858	7.408	6.852	6.431	8.070	9.257	10.214	8.982	18.418
	TOTAL OBS	3388	3157	2974	2927	2954	2882	2911	3477	3335	3471	3246	3089	37811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93744 — STATION
MARTIN MARIETTA AIRFIELD MD — STATION NAME
70-79 — YEARS

HRS IL S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
03-05	MEAN				62.0			72.5	65.7	64.0	52.3			62.5
	S D													10.794
	TOTAL OBS				1			2	3	1	3			10
06-08	MEAN	26.5	28.5	36.5	45.3	55.0	64.0	67.9	67.5	61.4	49.7	39.6	32.1	51.4
	S D	9.434	9.675	8.858	8.578	7.280	6.492	5.298	5.558	7.280	9.575	9.929	8.891	16.225
	TOTAL OBS	258	240	260	272	400	402	388	503	468	457	246	230	4124
09-11	MEAN	29.4	31.2	39.0	47.3	57.5	66.1	69.8	70.1	64.4	52.9	43.2	34.5	50.6
	S D	8.859	9.701	8.705	8.522	7.454	6.371	5.427	5.321	7.117	8.800	9.495	7.852	16.533
	TOTAL OBS	629	589	566	572	568	578	556	687	655	676	620	593	7289
12-14	MEAN	32.0	34.0	41.1	49.2	58.9	66.8	70.7	71.1	65.7	54.7	45.3	37.0	52.5
	S D	8.654	9.446	8.326	8.159	7.259	6.469	5.461	5.246	7.090	8.425	9.396	8.022	15.880
	TOTAL OBS	604	549	539	556	550	562	539	660	625	645	604	560	6993
15-17	MEAN	32.3	34.9	41.8	49.8	59.1	67.6	70.7	70.7	65.5	54.7	44.5	37.4	52.0
	S D	8.970	9.170	7.886	7.864	6.798	6.294	5.241	5.162	6.947	8.423	8.947	8.532	15.618
	TOTAL OBS	477	456	445	463	402	385	388	506	471	482	499	454	5428
18-20	MEAN	30.8	33.4	39.9	48.3	58.1	66.9	69.8	69.3	63.9	52.2	41.3	34.5	50.9
	S D	8.457	8.933	7.850	7.591	6.669	5.938	4.914	5.181	6.691	8.654	8.869	8.490	15.845
	TOTAL OBS	315	282	286	302	286	290	270	355	347	365	322	311	3731
21-23	MEAN	29.3	31.4	37.8	46.0	56.3	66.1	68.8	67.6	62.0	50.3	38.8	32.6	45.6
	S D	8.729	8.792	7.678	7.610	6.452	6.059	4.899	5.412	6.119	9.140	8.770	8.523	15.980
	TOTAL OBS	197	157	170	155	93	93	88	144	141	151	223	209	1821
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	30.4	32.6	39.8	48.1	57.7	66.3	69.8	69.8	64.2	52.9	43.0	35.3	51.2
	S D	8.946	9.581	8.463	8.271	7.265	6.436	5.390	5.470	7.174	8.976	9.518	8.474	16.125
	TOTAL OBS	2480	2273	2266	2321	2299	2310	2231	2858	2708	2779	2514	2357	29396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93744 MARTIN MARIETTA AIRFIELD MD 70-79
STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
03-05	MEAN				55.0			71.0	63.7	63.0	51.0			60.4
	S D													11.088
	TOTAL OBS				1			2	3	1	3			10
06-08	MEAN	20.7	22.2	30.9	38.5	50.7	60.7	64.9	65.1	59.0	46.5	35.2	26.9	47.4
	S D	12.422	12.148	11.718	11.426	9.599	8.145	6.639	6.530	8.499	11.364	11.991	11.904	18.334
	TOTAL OBS	258	240	260	272	400	402	388	503	468	457	246	230	4124
09-11	MEAN	22.3	23.3	31.1	37.9	51.2	61.1	65.0	65.9	59.9	47.2	36.8	28.3	44.4
	S D	12.044	12.283	12.111	11.865	10.437	8.674	7.315	7.008	9.281	11.857	12.105	10.659	18.914
	TOTAL OBS	629	589	566	572	568	578	556	687	655	676	620	593	7289
12-14	MEAN	23.7	24.4	31.1	38.4	51.3	60.5	64.8	65.7	59.9	47.1	37.4	29.2	44.8
	S D	11.761	12.117	12.240	11.657	10.648	9.229	7.651	7.378	9.532	11.935	12.149	11.175	18.556
	TOTAL OBS	604	549	539	556	550	562	539	660	625	645	604	560	6993
15-17	MEAN	23.4	24.8	31.1	38.6	50.9	61.0	64.6	65.1	59.1	47.1	36.3	29.6	43.9
	S D	11.656	11.814	11.660	11.180	10.336	9.108	7.471	7.425	9.582	11.935	11.677	11.861	18.353
	TOTAL OBS	477	456	445	463	402	385	388	506	471	482	499	454	5428
18-20	MEAN	23.0	25.0	30.6	38.4	51.5	61.6	64.6	64.8	59.5	47.2	34.4	28.0	44.3
	S D	11.222	11.405	11.540	10.174	9.177	8.382	6.987	6.968	8.451	11.059	10.753	11.332	18.222
	TOTAL OBS	315	282	286	302	286	290	270	355	347	365	322	311	3731
21-23	MEAN	21.4	24.1	29.9	38.1	51.4	62.6	65.2	64.7	59.0	46.8	32.6	26.9	40.1
	S D	11.357	11.929	11.234	9.963	8.442	8.072	6.522	6.343	7.312	11.013	10.538	11.206	18.411
	TOTAL OBS	197	157	170	155	93	93	88	144	141	151	223	209	1821
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	22.7	24.0	30.9	38.3	51.1	61.0	64.9	65.4	59.5	47.0	36.0	28.5	44.5
	S D	11.813	12.022	11.866	11.292	10.098	8.743	7.237	7.060	9.068	11.655	11.799	11.307	18.593
	TOTAL OBS	2480	2273	2266	2321	2299	2310	2231	2858	2708	2779	2514	2357	29396

USAFETAC FORM JUL 64 0 89 5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02											
	03-05											
	06-08	100.0	99.2	98.8	98.4	88.8	76.4	57.8	36.4	17.4	73.1	258
	09-11	100.0	100.0	99.7	95.2	80.8	59.3	40.1	27.5	12.9	67.1	629
	12-14	100.0	100.0	99.0	90.1	71.7	47.5	28.6	17.5	8.9	61.9	604
	15-17	100.0	100.0	97.9	86.4	66.9	43.0	25.4	14.0	7.1	59.8	477
	18-20	100.0	100.0	99.4	92.4	78.1	56.2	31.7	17.5	7.6	63.9	315
	21-23	100.0	100.0	99.0	95.4	85.3	68.5	44.7	22.3	9.6	68.4	197
TOTALS		100.0	99.9	99.0	93.0	78.6	58.5	38.1	22.5	10.6	65.7	2480

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-79 (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											
	03-05											
	06-08	100.0	100.0	99.6	95.4	87.9	72.5	47.9	31.7	15.0	70.6	240
	09-11	100.0	99.8	98.0	91.5	74.4	53.0	32.6	20.0	10.2	63.6	589
	12-14	100.0	99.3	95.4	82.9	56.8	35.3	21.1	15.8	7.1	57.1	549
	15-17	100.0	98.9	94.3	76.1	50.0	33.1	21.5	15.1	8.8	55.3	456
	18-20	100.0	100.0	98.9	88.3	67.0	43.6	26.2	16.7	13.1	61.0	282
	21-23	100.0	100.0	100.0	94.3	77.1	54.1	39.5	24.8	15.3	66.3	157
TOTALS		100.0	99.7	97.7	88.1	68.9	48.6	31.5	20.7	11.6	62.3	2273

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	97.7	86.9	70.4	50.0	33.8	18.8	71.4	260
	09-11	100.0	100.0	98.1	85.7	66.4	47.0	34.1	22.3	14.3	62.6	566
	12-14	100.0	99.6	89.4	71.1	49.0	32.1	22.4	16.0	11.1	54.7	539
	15-17	100.0	99.6	87.6	65.6	40.9	28.1	18.2	12.8	8.3	51.7	445
	18-20	100.0	100.0	96.2	76.6	55.9	37.1	23.4	15.4	8.0	56.7	286
	21-23	100.0	100.0	100.0	89.4	65.9	47.1	32.4	21.2	12.4	62.5	170
TOTALS		100.0	99.9	95.2	81.0	60.8	43.6	30.1	20.3	12.2	59.9	2266

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0					57.0	1
	06-08	100.0	100.0	99.3	94.1	75.7	52.2	34.9	21.0	8.5	64.2	272
	09-11	100.0	100.0	93.7	72.0	46.7	30.1	19.2	12.2	5.8	53.9	572
	12-14	99.8	99.6	84.5	56.8	34.7	23.4	16.9	11.7	5.6	49.0	556
	15-17	100.0	99.1	78.8	52.5	34.1	20.1	14.5	9.7	3.2	47.1	463
	18-20	100.0	100.0	90.7	67.2	45.4	25.8	15.2	8.6	4.3	51.5	302
	21-23	100.0	100.0	99.4	87.1	60.0	40.0	26.5	14.2	7.1	59.4	155
TOTALS		100.0	99.8	92.3	75.7	56.7	27.4	18.2	11.1	4.9	54.6	2321

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05											
	06-08	100.0	100.0	99.5	97.3	89.3	74.0	58.8	36.0	18.3	72.8	400
	09-11	100.0	99.6	98.2	87.5	70.6	50.4	32.9	20.6	10.4	62.7	568
	12-14	100.0	99.1	93.1	76.5	56.7	37.8	24.5	14.0	7.8	56.9	550
	15-17	100.0	99.5	89.8	70.9	53.7	33.6	20.9	14.7	9.5	55.0	402
	18-20	100.0	100.0	96.5	87.1	68.2	46.9	26.2	18.2	9.4	60.9	286
	21-23	100.0	100.0	100.0	96.8	92.5	66.7	44.1	33.3	10.8	69.5	93
TOTALS		100.0	99.7	96.2	86.0	71.8	51.6	34.6	22.8	11.0	63.0	2299

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	96.0	84.1	66.2	42.5	14.4	75.9	402
	09-11	100.0	100.0	99.7	93.3	78.5	58.3	41.2	20.9	7.6	65.4	578
	12-14	100.0	100.0	97.0	82.6	61.4	44.3	25.8	9.3	3.2	58.0	562
	15-17	100.0	99.7	95.8	81.0	58.7	39.5	19.7	7.8	2.6	56.3	385
	18-20	100.0	100.0	97.2	90.0	75.9	57.6	38.6	18.3	4.8	63.8	290
	21-23	100.0	100.0	98.9	96.8	93.5	79.6	62.4	41.9	14.0	74.0	93
TOTALS		100.0	100.0	98.1	90.6	77.3	60.6	42.3	23.5	7.8	65.6	2310

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 71-78 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		84.5	2
	06-08	100.0	100.0	100.0	100.0	98.7	87.9	65.5	43.3	10.6	76.1	388
	09-11	100.0	99.6	99.6	96.6	80.2	55.0	34.2	12.9	3.2	64.0	556
	12-14	100.0	100.0	99.6	88.1	64.9	41.2	20.2	4.3	.9	57.4	539
	15-17	100.0	100.0	98.2	85.1	61.3	39.4	18.6	4.4		56.3	388
	18-20	100.0	100.0	99.6	94.8	77.0	51.5	27.8	14.4	3.0	62.4	270
	21-23	100.0	100.0	100.0	98.9	96.6	78.4	53.4	25.0	9.1	72.0	88
TOTALS		100.0	99.9	99.6	94.8	82.7	64.8	45.7	29.2	3.8	67.5	2231

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	66.7		82.0	3
	06-08	100.0	100.0	100.0	100.0	100.0	95.4	78.1	53.9	13.3	79.8	503
	09-11	100.0	100.0	100.0	99.0	88.4	65.2	42.5	16.4	2.3	66.8	687
	12-14	100.0	100.0	100.0	93.0	72.7	45.3	21.1	6.2	2.3	59.8	660
	15-17	100.0	100.0	99.2	90.9	69.0	39.9	19.6	7.5	2.4	58.5	506
	18-20	100.0	100.0	100.0	98.0	85.9	62.3	35.2	16.3	5.4	66.1	355
	21-23	100.0	100.0	100.0	100.0	97.2	93.1	71.5	36.1	0.0	76.5	144
TOTALS		100.0	100.0	99.9	97.3	87.6	71.6	52.6	29.0	5.0	69.9	2858

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		90.0	1
	06-08	100.0	100.0	100.0	99.8	99.4	95.5	82.1	61.3	17.7	81.4	468
	09-11	100.0	100.0	99.4	96.2	87.0	67.5	49.0	24.0	7.0	68.7	655
	12-14	100.0	100.0	98.6	88.6	74.2	50.2	26.7	11.4	4.2	60.9	625
	15-17	100.0	100.0	98.1	86.6	68.4	41.0	21.4	8.1	2.3	58.2	471
	18-20	100.0	100.0	99.4	97.7	88.2	71.8	47.8	22.8	5.5	69.0	347
	21-23	100.0	100.0	100.0	99.3	97.2	90.1	73.0	45.4	12.1	77.4	141
TOTALS		100.0	100.0	99.4	95.5	87.8	73.7	57.1	39.0	7.0	72.2	2708

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	33.3	90.3	3
	06-08	100.0	100.0	100.0	99.8	95.6	89.7	77.2	56.5	26.9	80.3	457
	09-11	100.0	100.0	100.0	94.7	78.6	59.2	39.9	26.0	13.0	66.9	676
	12-14	100.0	100.0	97.8	79.2	57.8	42.3	25.7	16.7	8.5	58.5	645
	15-17	100.0	100.0	97.3	79.7	59.3	42.3	25.7	14.7	7.1	58.3	482
	18-20	100.0	100.0	98.6	96.7	88.8	72.9	50.4	26.6	7.9	70.0	365
	21-23	100.0	100.0	100.0	98.7	97.4	87.4	72.2	50.3	21.2	78.3	151
TOTALS		100.0	100.0	99.1	92.7	82.5	70.5	55.9	41.5	16.8	71.8	2779

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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											
	03-05											
	06-08	100.0	100.0	100.0	99.2	95.1	83.3	65.4	38.6	18.3	75.8	246
	09-11	100.0	100.0	99.7	96.1	79.7	55.6	40.2	22.7	12.7	66.3	620
	12-14	100.0	100.0	98.5	86.1	63.9	40.2	25.5	14.7	7.3	59.5	604
	15-17	100.0	99.8	97.2	85.2	63.3	39.9	25.3	14.8	7.4	59.1	499
	18-20	100.0	100.0	99.7	95.7	80.1	55.0	32.6	15.5	6.2	64.3	322
	21-23	100.0	100.0	100.0	98.2	88.3	69.2	41.7	20.6	8.5	67.5	223
TOTALS		100.0	100.0	99.2	93.4	78.4	56.2	38.5	21.2	10.1	65.4	2514

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-78 (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											
	03-05											
	06-08	100.0	100.0	99.6	97.0	93.9	79.6	54.8	37.0	21.3	74.6	230
	09-11	99.8	99.8	99.7	97.8	87.0	65.3	42.5	27.7	17.4	69.4	593
	12-14	100.0	100.0	99.1	91.8	69.3	44.6	28.8	21.4	15.7	62.6	560
	15-17	100.0	100.0	98.9	88.3	70.5	48.9	28.0	20.9	15.4	62.8	454
	18-20	100.0	100.0	99.4	97.1	87.8	62.1	38.3	21.9	14.1	67.7	311
	21-23	100.0	100.0	100.0	98.6	92.8	75.6	45.9	32.5	16.7	71.7	209
TOTALS		100.0	100.0	99.5	95.1	83.6	62.7	39.7	26.9	16.8	68.1	2357

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-79 (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	99.0	93.0	78.6	58.5	38.1	22.5	10.6	65.7	2480
FEB		100.0	99.7	97.7	88.1	68.9	48.6	31.5	20.7	11.6	62.3	2273
MAR		100.0	99.9	95.2	81.0	60.8	43.6	30.1	20.3	12.2	59.9	2266
APR		100.0	99.8	92.3	75.7	56.7	27.4	18.2	11.1	4.9	54.6	2321
MAY		100.0	99.7	96.2	86.0	71.8	51.6	34.6	22.8	11.0	63.0	2299
JUN		100.0	100.0	98.1	90.6	77.3	60.6	42.3	23.5	7.8	65.6	2310
JUL		100.0	99.9	99.6	94.8	82.7	64.8	45.7	29.2	3.8	67.5	2231
AUG		100.0	100.0	99.9	97.3	87.6	71.6	52.6	29.0	5.0	69.9	2858
SEP		100.0	100.0	99.4	95.5	87.8	73.7	57.1	39.0	7.0	72.2	2708
OCT		100.0	100.0	99.1	92.7	82.5	70.5	55.9	41.5	16.8	71.8	2779
NOV		100.0	100.0	99.2	93.4	78.4	56.2	38.5	21.2	10.1	65.4	2514
DEC		100.0	100.0	99.5	95.1	83.6	62.7	39.7	26.9	16.8	68.1	2357
TOTALS		100.0	99.9	97.9	90.8	76.4	57.5	40.4	25.6	9.8	65.5	29396

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

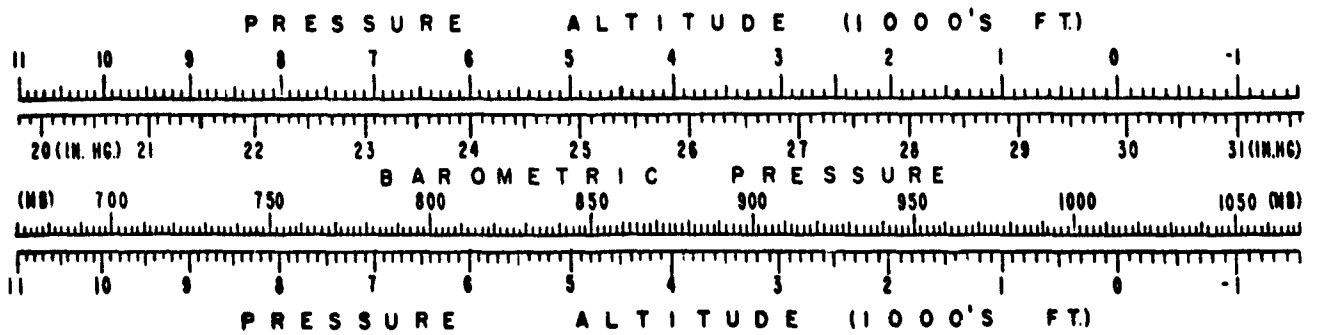
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

93744 (STATION) MARTIN MARIETTA AIRFIELD MD (STATION NAME) 70-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN													
	S D													
	TOTAL OBS													
04	MEAN										30.260			30.260
	S D													
	TOTAL OBS										1			1
07	MEAN	30.029	30.070	30.033	30.015	29.979	29.982	30.012	30.055	30.066	30.108	30.129	30.063	30.042
	S D	.341	.264	.237	.250	.173	.181	.140	.124	.164	.221	.226	.319	.214
	TOTAL OBS	115	110	115	119	212	207	208	245	234	225	97	97	1984
10	MEAN	30.092	30.077	30.022	30.002	29.983	29.986	30.020	30.064	30.076	30.129	30.096	30.111	30.057
	S D	.302	.290	.270	.256	.175	.182	.136	.124	.169	.230	.250	.277	.234
	TOTAL OBS	243	225	214	206	212	208	209	247	236	245	233	219	2697
13	MEAN	30.033	30.036	29.979	29.959	29.953	29.962	30.000	30.039	30.041	30.083	30.045	30.055	30.017
	S D	.301	.291	.275	.249	.174	.180	.135	.120	.164	.226	.246	.275	.231
	TOTAL OBS	239	216	213	206	209	206	206	240	233	241	229	212	2650
16	MEAN	30.024	30.010	29.948	29.924	29.926	29.935	29.974	30.007	30.015	30.059	30.035	30.043	29.994
	S D	.296	.286	.261	.244	.167	.170	.135	.118	.163	.221	.244	.278	.228
	TOTAL OBS	216	207	191	195	187	175	182	222	203	217	213	198	2406
19	MEAN	30.046	30.049	29.997	29.936	29.933	29.942	29.983	30.030	30.029	30.090	30.069	30.068	30.017
	S D	.292	.274	.236	.227	.161	.170	.133	.113	.158	.213	.221	.284	.222
	TOTAL OBS	175	163	149	151	150	145	146	168	169	181	164	160	1921
22	MEAN	30.039	30.076	30.020	29.962	29.986	29.988	30.016	30.065	30.054	30.077	30.084	30.077	30.042
	S D	.325	.267	.245	.249	.167	.148	.122	.110	.158	.227	.225	.301	.235
	TOTAL OBS	143	136	117	113	79	79	84	109	108	114	143	143	1368
ALL HOURS	MEAN	30.046	30.050	29.996	29.965	29.959	29.966	30.001	30.042	30.048	30.093	30.071	30.070	30.028
	S D	.307	.282	.259	.248	.172	.176	.136	.121	.165	.224	.240	.286	.229
	TOTAL OBS	1131	1057	999	990	1049	1020	1035	1231	1183	1224	1079	1029	13027

USAFETAC FORM JUL 64 0 89 5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

93744 MARTIN MARIETTA AIRFIELD MD 70-76
STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN													
	S D													
	TOTAL OBS													
04	MEAN													
	S D													
	TOTAL OBS													
07	MEAN	1020.9	1016.0	1016.5	1016.3	1015.6	1016.1	1016.9	1020.0	1020.9	1023.0	1018.6	1019.9	1018.4
	S D	7.545	8.476	8.475	8.347	5.568	6.336	4.733	5.269	7.190	8.717		12.191	7.232
	TOTAL OBS	23	26	51	59	150	147	142	152	144	131	3	4	1032
10	MEAN	1021.3	1018.9	1017.0	1016.3	1015.7	1016.4	1017.1	1020.2	1021.3	1024.0	1020.4	1021.3	1019.1
	S D	8.408	10.199	9.476	8.545	5.633	6.378	4.638	5.192	7.237	9.581	9.337	8.302	8.312
	TOTAL OBS	150	141	153	146	150	148	143	154	146	152	143	126	1752
13	MEAN	1019.4	1017.7	1015.6	1014.9	1014.6	1015.6	1016.4	1019.4	1020.1	1022.3	1018.4	1019.6	1017.8
	S D	8.540	10.229	9.487	8.224	5.500	6.285	4.583	5.174	6.953	9.549	9.016	8.111	8.154
	TOTAL OBS	166	134	151	146	147	146	140	147	144	148	139	119	1707
16	MEAN	1019.2	1016.7	1014.6	1013.8	1013.7	1014.6	1015.6	1018.4	1019.2	1020.9	1017.7	1019.2	1016.9
	S D	8.270	10.130	9.010	8.129	5.247	5.939	4.599	5.145	6.845	9.564	9.153	8.524	8.108
	TOTAL OBS	123	125	129	135	125	115	116	129	113	124	121	105	1460
19	MEAN	1020.3	1018.0	1016.6	1013.9	1013.9	1014.8	1015.9	1017.2	1019.3	1022.5	1018.3	1020.4	1017.5
	S D	7.785	9.791	7.999	7.262	4.848	6.207	4.609	3.844	6.682	8.990	7.810	8.779	7.699
	TOTAL OBS	82	81	87	91	88	85	80	75	79	88	74	67	977
22	MEAN	1020.9	1019.4	1016.6	1013.7	1015.7	1018.0	1017.3	1017.5	1019.5	1018.9	1018.0	1021.2	1018.1
	S D	7.986	9.636	9.170	8.496	3.846	4.532	3.787	3.544	5.914	8.807	7.969	9.778	8.394
	TOTAL OBS	50	54	56	53	16	19	18	17	18	21	53	50	425
ALL HOURS	MEAN	1020.2	1017.9	1016.1	1014.9	1014.8	1015.7	1016.5	1019.2	1020.3	1022.5	1018.7	1020.2	1018.0
	S D	8.268	10.011	9.092	8.223	5.431	6.233	4.632	5.115	7.017	9.386	8.903	8.569	8.050
	TOTAL OBS	574	561	627	630	676	660	649	674	644	664	533	471	7353

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