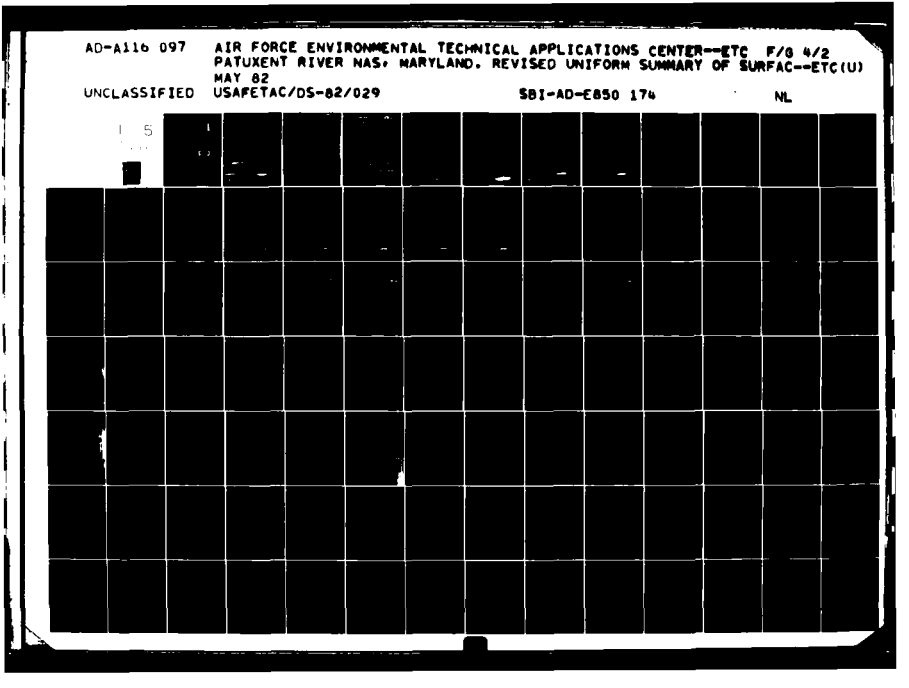
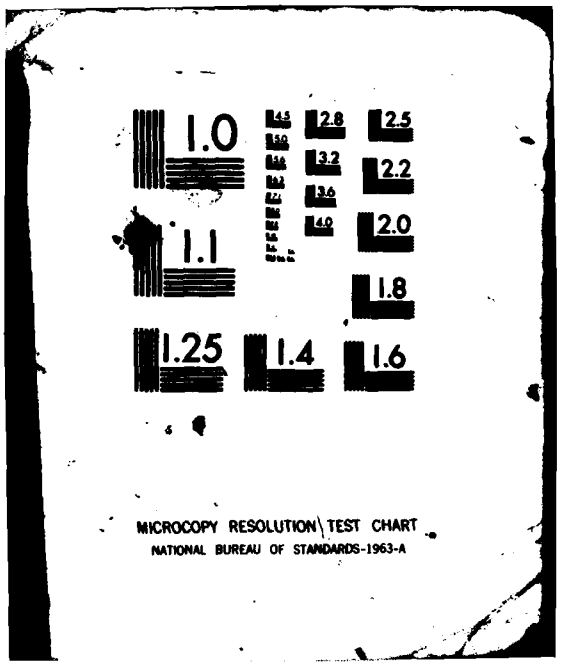
AD-A116 097 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PATUXENT RIVER NAS, MARYLAND. REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
MAY 82

UNCLASSIFIED USAFETAC/DS-82/029 SBI-AD-E850 174 NL



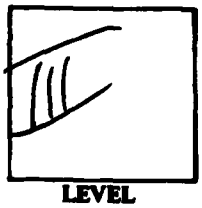

1.0
1.1
1.25
1.4
1.6
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PHOTOGRAPH THIS SHEET

AD-E850 174

AD A116097

DTIC ACCESSION NUMBER



LEVEL

INVENTORY

USAFETAC/DS-82/029

DOCUMENT IDENTIFICATION

14 May 82

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

ACCESSION FOR	
NTIS	GRA&I
DTIC	TAB
UNANNOUNCED	
JUSTIFICATION	
BY	
DISTRIBUTION /	
AVAILABILITY CODES	
DIST	AVAIL AND/OR SPECIAL
A	

DTIC
ELECTE
S JUN 28 1982 D
D

DATE ACCESSIONED

DTIC COPY INSPECTED 2

DISTRIBUTION STAMP

DATE RECEIVED IN DTIC

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDA-2

DTIC FORM OCT 79 70A

DOCUMENT PROCESSING SHEET

82 06 21 322

ADE 850 174

AD A116097

USAFETAC/DS-82/029

DATA PROCESSING DIVISION
USAF ETAC
Air Weather Service (MAC)

AWS TECHNICAL LIBRARY
FL 4414
SCOTT AFB, IL

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

PATUXENT RIVER NAS MD WBAN #724040
N 38 17 W 076 24 FLD ELEV 45 FT. NNK

PARTS A-F
POR FROM HOURLY OBS: FEB 73 - JAN 81

POR FROM DAILY OBS: MAR 45 - JAN 81

TIME CONVERSION GMT TO LST: -5

MAY 14 1982

FEDERAL BUILDING
ASHEVILLE, N. C.

"THIS DOCUMENT HAS BEEN APPROVED FOR PUBLIC RELEASE AND SALE; ITS DISTRIBUTION IS UNLIMITED."

Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by NDC to the National Technical Information Service (NTIS).

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

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

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

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

ADA 100 124

REPORT DOCUMENTATION PAGE

READ INSTRUCTIONS BEFORE COMPLETING FORM

1. REPORT NUMBER: USAFETAC/DS- 82/029	2. GOVT ACCESSION NO.
3. RECIPIENT'S CATALOG NUMBER	
4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Patuxent River NAS, Maryland	5. TYPE OF REPORT & PERIOD COVERED: Final rept.
	6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s)	8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CSD, Air Weather Service (MAC), Scott AFB IL 62225	12. REPORT DATE: 14 May 1982
	13. NUMBER OF PAGES: 400
14. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)	15. SECURITY CLASS. (of this report): UNCLASSIFIED
	15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

19. 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 statistical summary of surface weather observations for Patuxent River NAS, Maryland

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

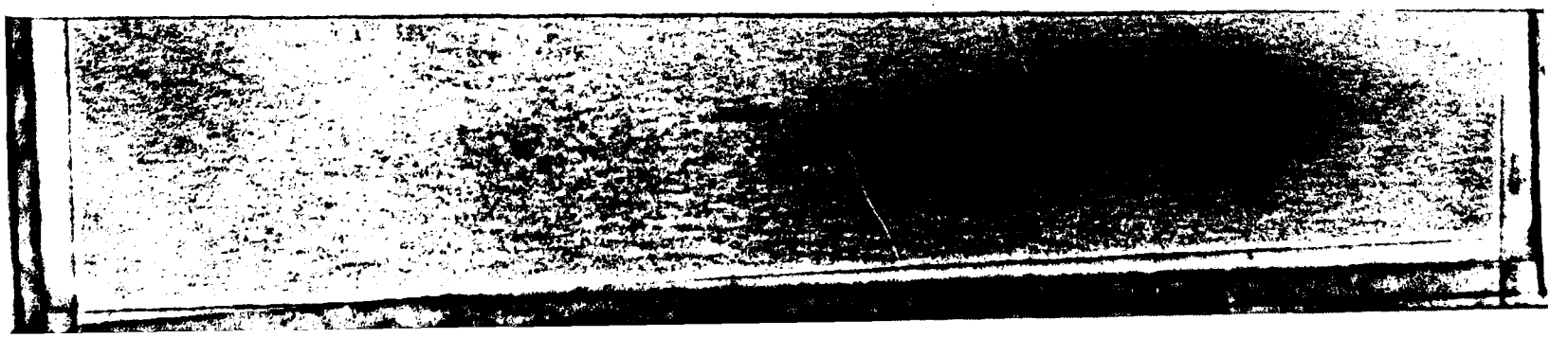
UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

Maryland Patuxent River NAS, Maryland

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.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

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

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

STATION NO (OR SUBSIDIARY)	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WBAN NUMBER
724040	PATUXENT River NAS MD	38 17 N	076 24 W	45	NHK	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
	Patuxent River NAS	NAS	Aug 43	Dec 43	N 38 20	W 076 25	45	45	24
		NAS	Jan 44	Feb 45	38 17	76 25		45	24
			Mar 45	Dec 52	Same	Same		45	24
			Jan 53	Dec 60	38 18	76 25		45	24
				Jan 2371				45	24
	Patuxent River NAS OK	WSMO	Jan2471		38 17	76 25	45	45	24
			Mar 71	Dec 73	Same	Same	Same	45	24
			Jan 74	Dec 78	Same	Same	Same	45	24
			Jan 79	Jan 82	Same	Same	Same	45	24
	DEC 78 last entry NAS-								

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	
	1952	Located on top operations tower	Selsyn		85 ft	
	1957	Located on top radar tower, Bldg 147A	AN/UMQ-5		65 ft	
	Mar 59	Same	GMQ10		65 ft	
	1960 thru 1965	Located 1000' NW intersection rnwy 131 and 24	WM950		13 ft	
	1978	Same	Same		15 ft	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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.

CLIMAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72[illegible]40 | PATUXENT RIVER NAS MD | 74-81 | JAN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		11.0	.5	2.7	.1	13.5	17.5	4.9			21.6	736
	03-05		11.4	.4	3.9		14.6	22.2	5.8			26.4	739
	06-08		10.5	.7	3.9		14.8	25.8	9.4			32.9	736
	09-11		8.7	.4	4.9		14.0	23.4	17.4	.1		38.2	736
	12-14		8.6	.5	4.1	.1	13.3	16.5	16.8	.1		31.6	732
	15-17		10.4	.3	5.2		15.4	15.5	17.8	.1		30.9	734
	18-20	.1	10.4	.8	3.3		14.2	16.2	13.0	.7		28.4	730
	21-23		9.4	1.0	3.4		13.6	16.3	5.7	.4		21.9	734
TOTALS		.0	10.1	.6	3.9	.0	14.2	19.2	11.4	.2		29.0	5877

USAFETAC FORM AWS 64 0-10-3(GL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72[illegible]40 | PATUXENT RIVER NAS MD | 73-80 | FEB
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.1	6.7	.4	2.5		9.3	16.9	5.5	1.2		21.5	674
	03-05		5.5	.4	4.0		9.4	17.0	6.0	1.3		22.4	671
	06-08		6.0	.3	3.6		9.8	18.3	11.8	.7		27.9	671
	09-11		6.2	.3	4.2		10.4	15.8	14.7	1.8		30.9	666
	12-14		6.8	.8	4.2		11.6	13.8	13.1	.9		26.9	666
	15-17	.1	7.1	.7	5.5		12.9	15.8	12.8	1.2		28.7	672
	18-20		7.6	.9	5.1		13.3	15.7	10.5	1.2		26.5	667
	21-23		7.2	.1	4.3		10.9	15.9	5.4	1.3		21.1	667
TOTALS		.0	6.6	.5	4.2		11.0	16.2	10.0	1.2		25.7	5354

5169

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

72[illegible]40 PATUXENT RIVER NAS MD 73-80 MAR.
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		11.7	.4	2.7		14.5	20.1	6.6	.4		25.6	737
	03-05		13.6		2.5		16.1	24.9	4.8	.4		28.1	727
	06-08	.1	13.5	.7	2.1		16.1	29.5	9.8	.3		37.2	726
	09-11		13.0	.3	2.2	.1	15.0	21.1	14.2			34.4	733
	12-14	.4	11.6	.7	2.3		13.5	17.3	15.2			31.8	735
	15-17	.4	10.4	.3	1.0	.1	11.3	14.1	16.5			30.3	733
	18-20	.1	11.6	.4	1.0		12.6	13.3	15.3	.1		28.2	731
	21-23	.4	11.4	.4	1.4		12.8	17.0	9.4	.4		25.4	735
TOTALS		.2	12.1	.4	1.9	.0	14.0	19.7	11.5	.2		30.1	5857

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

72 40 | PATUXENT RIVER NAS MD | 73-80 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.8	9.0				9.0	10.8	7.7			17.2	711
	03-05	.6	8.0				8.0	14.8	9.3			20.5	709
	06-08	.1	9.4				9.4	17.5	14.5			28.3	704
	09-11		7.7		.1		7.9	10.1	16.1			24.5	710
	12-14	.4	7.5		.1		7.5	7.7	17.4			23.9	711
	15-17	.8	8.3				8.3	6.6	20.0			25.1	709
	18-20	1.3	8.4				8.4	7.7	18.7			23.8	701
	21-23	1.1	8.8				8.8	8.9	13.2			19.4	707
TOTALS		.6	8.4		.0		8.4	10.5	14.6			22.8	5662

5170

USAFETAC FORM JULY 64 0-10-3(GL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72040	PATUXENT RIVER NAS MD	73-80	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.8	10.8				10.8	24.0	18.8			38.2	733
	03-05		9.1				9.1	35.3	19.2			46.8	729
	06-08	.4	9.4				9.4	35.9	24.9			51.6	727
	09-11	.1	8.4				8.4	19.9	31.7			46.4	735
	12-14	.3	7.3				7.3	12.3	35.3			43.8	737
	15-17	2.3	8.6				8.6	9.7	37.9			44.0	731
	18-20	3.8	11.3				11.3	12.5	32.6			42.0	728
	21-23	2.1	11.2				11.2	17.8	25.6			38.9	731
TOTALS		1.2	9.5				9.5	20.9	28.3			44.0	5851

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.3	5.9				5.9	20.1	33.3			46.6	71[illegible]
	03-05	1.1	6.2				6.2	32.9	34.1			52.5	712
	06-08	.7	5.8				5.8	27.1	39.9			55.1	704
	09-11	.4	5.5				5.5	9.5	41.7			47.8	714
	12-14	.4	5.6				5.6	5.6	42.3			46.5	710
	15-17	2.7	6.3				6.3	3.8	45.6			48.6	710
	18-20	3.1	7.5				7.5	5.2	46.0			49.4	707
	21-23	2.1	6.7				6.7	10.4	40.3			47.8	712
TOTALS		1.5	6.2				6.2	14.3	40.4			49.3	5680

5171

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72406 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	2.9	5.7				5.7	21.7	50.0			59.0	734
	03-05	.5	5.3				5.3	34.1	51.2			63.0	737
	06-08	.4	5.1				5.1	31.1	55.6			65.7	732
	09-11	.7	4.2				4.2	7.7	58.3			60.7	737
	12-14	1.5	4.7				4.7	4.7	57.0			59.2	731
	15-17	3.3	5.7				5.7	3.0	57.9			59.4	737
	18-20	6.4	6.4				6.4	4.4	58.5			60.8	730
	21-23	4.8	6.8				6.8	13.1	53.6			60.1	732
TOTALS		2.6	5.5				5.5	15.0	55.3			61.0	5870

USAFETAC FORM AUG 64 0-10-5(GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NAVY CLIMATOLOGY BRANCH
NAVETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72-80 PATUXENT RIVER NAS MD 73-80 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	3.0	4.9				4.9	20.4	58.2			65.9	735
	03-05	.4	3.7				3.7	34.6	57.6			70.6	734
	06-08	.3	3.8				3.8	35.3	62.5			72.4	728
	09-11	.3	3.4				3.4	8.0	62.8			66.1	737
	12-14	1.8	4.6				4.6	2.7	60.5			61.9	732
	15-17	6.0	7.4				7.4	2.3	62.3			64.5	730
	18-20	5.1	7.3				7.3	5.2	63.6			67.4	729
	21-23	3.8	5.9				5.9	12.0	58.9			64.6	740
TOTALS		2.6	5.1				5.1	15.1	60.8			66.7	5865

NAVETAC FORM 0-10-3(EL.A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	PATUXENT RIVER NAS MD	73-80	SEP

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	.9	6.1				6.1	19.7	36.3			47.4	705
	03-05	.3	8.4				8.4	34.0	33.6			52.2	711
	06-08		6.8				6.8	34.6	41.9			57.9	708
	09-11	.7	7.0				7.0	11.2	38.6			46.0	704
	12-14	.3	6.0				6.0	7.3	36.7			42.6	714
	15-17	1.6	7.5				7.5	5.7	42.4			46.7	707
	18-20	1.7	8.5				8.5	9.2	42.3			48.8	709
	21-23	1.0	8.0				8.0	13.6	38.7			46.8	711
TOTALS		.8	7.3				7.3	16.9	38.8			48.6	5669

USAFETAC FORM [illegible] 0-10-80(GL) ALL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
Air Weather Service/MAC

WEATHER CONDITIONS

72 140 | PATUXENT RIVER NAS MD | 73-80 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.7	9.6				9.6	20.7	21.2			36.0	736
	03-05	.4	10.3				10.3	28.9	19.6			42.7	736
	06-08	.3	9.8				9.8	34.2	22.6			47.3	734
	09-11	.1	7.1		.1	.3	7.1	14.8	25.4			36.8	736
	12-14	.5	6.2		.1		6.2	10.7	21.7			31.1	729
	15-17		6.1				6.1	9.5	23.9			31.8	737
	18-20		7.5				7.5	11.4	25.5			34.5	730
	21-23	.4	8.7				8.7	15.7	23.6			34.9	733
TOTALS		.3	8.2		.0	.0	8.2	18.2	22.9			36.9	5871

5123

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72-80 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		10.9		.6		11.2	18.6	12.9			29.4	714
	03-05		9.4		1.0		10.4	22.8	12.0			31.8	711
	06-08		7.9		1.1		8.8	28.8	15.2			39.5	706
	09-11		9.6		.6		10.1	18.9	21.7			37.0	710
	12-14		10.2		.3		10.5	14.4	20.5			33.6	708
	15-17	.1	8.4		.1		8.5	12.6	23.6			34.4	708
	18-20	.4	9.5		.1		9.6	14.7	19.4			32.1	708
	21-23	.1	9.4		.4		9.8	16.6	13.4			28.0	715
TOTALS		.1	9.4		.5		9.9	18.4	17.3			33.2	5676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724940 | PATUXENT RIVER NAS MD | 73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		8.2	.3	.7		9.0	16.6	6.0			21.2	735
	03-05		10.0	.4	1.8		11.6	19.6	4.6			22.6	733
	06-08		9.1	.4	.9	.1	10.0	22.1	7.6			26.7	738
	09-11		8.7	.3	1.6		10.2	18.2	11.3	.3		28.3	736
	12-14		9.8		2.0		11.5	15.4	12.0	.1		25.9	733
	15-17		9.9		1.9		11.3	15.9	12.6			26.6	736
	18-20		12.2	.3	1.8		13.3	16.3	10.2	.1		25.0	736
	21-23	.1	10.2	.3	.7		10.9	16.3	7.1	.1		22.1	734
TOTALS		.0	9.8	.3	1.4	.0	11.0	17.6	8.9	.1		24.8	5881

5174

USAFETAC FORM JULY 84 0-10-5(GL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724140 | PATUXENT RIVER NAS MD | 73-81 | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	10.1	.6	3.9	.0	14.2	19.2	11.4	.2		29.0	5877
FEB		.0	6.6	.5	4.2		11.0	16.2	10.0	1.2		25.7	5554
MAR		.2	12.1	.4	1.9	.0	14.0	19.7	11.5	.2		30.1	5857
APR		.6	8.4		.0		8.4	10.5	14.6			22.8	5662
MAY		1.2	9.5				9.5	20.9	28.3			44.0	5851
JUN		1.5	6.2				6.2	14.3	40.4			49.3	5680
JUL		2.6	5.5				5.5	15.0	55.3			61.0	5870
AUG		2.6	5.1				5.1	15.1	60.8			66.7	5865
SEP		.8	7.3				7.3	16.9	38.8			48.6	5669
OCT		.3	8.2		.0	.0	8.2	18.2	22.9			36.9	5871
NOV		.1	9.4		.5		9.9	18.4	17.3			33.2	5676
DEC		.0	9.8	.3	1.4	.0	11.0	17.6	8.9	.1		24.8	5881
TOTALS		.8	8.2	.2	1.0	.0	9.2	16.8	26.7	.1		39.5	69113

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 45-80 (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	40.6	3.3	19.3	.2	49.5	41.8	30.5	2.6		52.9	1049
FEB		1.9	37.6	2.6	16.3	.4	44.8	39.0	32.4	2.5		53.1	972
MAR		3.8	46.5	.5	9.4	.5	50.0	40.0	33.0	1.2		52.6	1104
APR		8.9	48.2	.1	1.3	.3	48.5	34.8	31.0	.1		47.5	1068
MAY		15.5	50.6			.4	50.6	39.8	41.1			54.7	1101
JUN		20.1	45.5			.2	45.5	37.0	50.2			58.8	1061
JUL		25.4	46.5			.1	46.5	34.2	54.4			60.3	1076
AUG		21.3	42.6			.1	42.6	40.0	59.4			66.9	1097
SEP		9.6	37.4				37.4	37.9	45.8			56.3	1059
OCT		3.4	34.9		.2	.1	34.9	43.7	40.1			57.8	1096
NOV		2.0	40.7		3.6		42.2	38.3	32.4	.1		49.8	1051
DEC		.5	37.8	1.5	10.7		42.0	39.2	32.8	.9		51.6	1094
TOTALS		9.4	42.4	.7	5.1	.2	44.5	38.8	40.3	.6		55.2	12828

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jan 52	at 0630GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

724040 — STATION
PATUXENT RIVER NAS MD — STATION NAME
45-81 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	02-05	06-10	11-25	26-50	51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	51.9	13.7	2.1	6.2	4.8	7.8	7.9	4.1	1.6					34.5	1113	3.14	6.17	.45
FEB	55.6	11.9	2.0	6.0	3.9	7.5	6.5	5.1	1.4	.1				32.5	989	2.77	7.02	.81
MAR	50.4	15.1	2.8	6.0	4.3	7.3	5.9	6.0	2.2	.1				34.5	1116	3.53	7.00	.63
APR	52.1	14.2	2.9	7.2	4.2	6.9	6.9	4.2	1.6					33.7	1080	2.82	6.74	.99
MAY	49.9	13.7	2.6	7.1	4.7	7.2	7.3	5.1	2.2	.2				36.4	1116	3.77	9.80	.49
JUN	55.6	13.5	2.2	6.1	4.1	5.4	5.1	5.0	2.8	.2				30.9	1077	3.42	7.34	.22
JUL	54.2	13.3	2.1	5.6	3.6	6.8	5.6	4.9	3.7	.4				32.5	1116	4.27	15.51	1.06
AUG	58.2	12.3	1.7	5.2	3.3	6.6	5.4	3.3	2.8	1.1	.1			29.5	1116	4.38	11.10	.61
SEP	63.5	11.3	2.0	4.1	2.9	5.7	3.6	3.9	2.6	.4				25.2	1079	3.23	7.99	.09
OCT	65.7	11.5	1.5	4.6	2.2	4.5	4.4	3.1	2.2	.4				22.8	1116	2.89	6.61	TRACE
NOV	58.9	12.5	1.8	5.7	3.2	5.9	4.5	4.9	2.3	.3				28.6	1078	3.13	7.95	.31
DEC	58.7	12.2	1.6	5.3	3.0	5.9	5.5	5.9	1.9					29.1	1115	3.17	6.50	.47
ANNUAL	56.2	12.9	2.1	5.8	3.7	6.5	5.7	4.6	2.3	.3	.0			30.8	13111	40.52		

USAFETAC FORM OCT 79 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

724?40 PATUXENT RIVER NAS MD 45-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV.	DEC.	ALL MONTHS
45			.22	1.38	1.87	2.49	2.58	.33	1.28	2.38	1.12	1.21	
46	.35	.53	1.89	1.93	1.91	1.12	1.48	1.73	2.67	.47	1.12	1.40	2.67
47	.84	.43	.65	1.26	1.56	1.29	1.18	3.19	.98	.85	3.79	1.19	3.79
48	2.00	.43	1.19	.74	2.51	.44	1.84	2.46	.79	2.05*	1.00	1.48	2.51
49	1.64	.71	.97	.49	.80	1.83	1.90	3.26*	.68	2.63	1.95	.39	3.26
50	.71	.45	1.08	.61	1.77	.71	.84	2.53	.98	.99	.72	1.03	2.53
51	.56	1.02	.51	.78	.92	1.54	1.14	2.25	1.93	.77	1.00	1.15	2.25
52	1.31	.92	1.37	1.26	.69	.75	.93	.69	1.22	.96*	2.89	.92	* 2.89
53	.53	1.44	1.09	.55	1.07	.64	.46	3.03	.93	2.17	.97*	.89	3.03
54	1.40	2.09	.76	.98	.98	.08	.87	1.04	.47	.58	.69	.79	2.09
55	.40	.69	1.21	.74	.77	1.37	1.53	4.96	.97	.52	1.07	.52	4.96
56	.59	.70	.77	1.38	.71	1.13	1.91	.48	.76	1.63	4.22	.88	4.22
57	.91	.91	.91	.98	1.15	2.39	.65	1.62	1.04	1.76	.91	1.24	2.39
58	1.68	1.14	1.97	1.29	1.99	1.13	3.04	4.67	1.42	1.23	1.25	1.09	4.67
59	.47	.58	.67	.78	.35	1.08	2.16	.76	.20	1.28	2.06	1.00	2.16
60	.52	1.09	.94	1.07	1.57	2.37	4.61	.80	3.89	1.20	.81	1.32	4.61
61	1.72	1.75	1.07	.66	1.98	1.55	1.04	1.43	.58	3.53	.57	.68	3.53
62	2.14	.87	.77	.63	.50*	.53	.72	.80	1.03	.90	1.50	1.01	2.14
63	.35	.38	.92	.84	.98	3.08	.57	.41	.81	TRACE	2.50	.64	3.08
64	1.06	1.01	.73	.71	.29	2.36	1.70	.87	1.79	1.59	1.38	.87	2.36
65	* .60	1.08	1.39	.69	.22	1.14	.62	1.85	1.52	.64	.15	.41	1.85
66	.90	.97	.41	.98	.97	.90	.66	.28	2.36	3.55	.66	.80	3.55
67	.50	.75	.74	.36	1.95	.56	1.19	1.39	.63	.70	.71	1.06	1.95
68	1.46	.66	1.45	.53	2.16	.66	.27	.84	1.53	.49	2.12	.84	2.16
69	.72	1.18	.66	.82	.81	1.00	2.56	5.88	1.66	.52	.48	1.74	5.88
70	.37	.65	1.06	1.34	.45	1.36	1.28	.93	1.69	.78	1.05	.69	1.69
71	.46	1.25	.79	1.34	2.66	.85	.75	2.76	.76	1.53	1.65	.51	2.76
72	* .46	1.21	.88	1.58	1.95	2.64	1.05	1.66	.79	1.66	1.34	.78	2.64
73	.81	1.74	.55	.61	.62	.56	.48	2.65	1.31	1.52	.50	1.11	2.65
74	.66	.42	1.43	.35	.83	1.35	.26	3.73	1.12	.51	.26	1.66	3.73
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

724040 PATUXENT RIVER NAS MD 45-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	1.25	.64	1.81	.79	1.14	1.14	1.91	1.73	2.75	1.61	.92	1.91	2.75
76	1.73	.56	.90	.67	1.51	.49	1.04	.34	1.79	1.46	.42	.92	1.79
77	.78	.41	.94	.51	.75	1.67	.73	1.09	2.01	1.97	1.31	1.87	2.01
78	1.72	.57	2.23	1.44	1.80	.63	1.86	.91	.03	.29	.68	1.30	2.23
79	1.37	3.06	1.24	.61	1.88	1.64	1.73	3.04	3.21	1.16	1.57	.75	3.21
80	1.12	.20	2.66	.86	.69	.28	2.33	.46	.91	3.08	.63	.21	3.08
81	.18												
MEAN	.977	.928	1.078	.903	1.244	1.265	1.386	1.856	1.367	1.359	1.238	1.011	3.026
S.D.	.543	.566	.518	.373	.662	.726	.893	1.409	.835	.877	.891	.411	1.061
TOTAL OBS	1113	989	1116	1080	1116	1077	1116	1116	1079	1116	1078	1115	13117

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

724 '40 STATION — PATUXENT RIVER NAS MD STATION NAME — 45-81 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			.63	3.36	4.78	5.96	15.51	1.09	4.23	3.26	4.64	6.50	
46	1.31	1.61	3.05	3.10	6.25	4.78	2.52	3.93	5.27	2.21	2.60	2.89	39.52
47	4.06	.97	2.02	4.15	3.40	4.25	2.54	4.65	2.76	1.58	7.01	1.96	39.35
48	5.15	1.61	4.00	2.28	9.21	1.69	4.51	7.48	2.01	3.26*	6.80	5.23	*53.23
49	4.31	2.78	3.12	1.93	4.78	5.28	7.16	6.98*	1.49	4.19	3.15	1.44	*46.61
50	2.61	1.98	4.76	1.66	5.32	2.10	5.67	3.64	4.29	1.69	1.80	2.43	37.95
51	1.47	2.28	1.68	3.69	3.09	6.28	3.61	5.63	3.06	2.02	4.41	3.61	40.83
52	5.75	3.13	5.02	6.74	3.31	1.67	2.82	4.08	3.74	1.86*	5.23	3.50	*46.85
53	3.71	3.05	5.12	3.01	4.19	1.61	1.87	8.45	2.04	2.87	2.33*	2.78	*41.03
54	3.02	2.39	2.40	3.12	3.00	.22	2.59	3.72	1.30	2.05	2.88	2.73	29.42
55	1.28	2.68	4.49	3.16	2.07	3.64	2.64	9.94	1.69	1.91	2.12	.86	36.48
56	2.11	3.66	3.30	2.81	3.25	3.05	7.24	1.70	3.63	5.98	7.95	3.12	47.80
57	3.27	3.95	2.98	2.67	2.13	3.32	1.41	6.17	3.35	3.84	4.32	5.65	43.06
58	3.80	4.09	6.43	6.58	5.75	4.44	7.16	11.10	2.36	2.38	2.32	2.39	58.80
59	1.43	1.55	2.70	2.80	1.18	1.84	8.01	2.02	.25	4.00	5.60	3.51	34.89
60	2.49	3.92	2.88	3.12	5.49	3.69	10.47	1.89	6.43	2.24	1.72	2.87	47.21
61	3.93	4.72	4.63	2.12	5.08	6.08	2.37	2.78	1.10	5.58	1.81	3.38	43.58
62	4.16	4.00	3.51	2.82	1.14*	1.40	2.17	1.56	2.92	2.05	5.97	3.09	*34.79
63	1.75	1.44	5.37	1.28	1.98	5.77	1.27	.64	2.14	TRACE	4.86	1.75	28.25
64	4.00	4.60	2.13	3.37	.53	5.30	2.99	1.67	3.45	3.79	2.27	2.64	36.75
65	* 3.02	2.51	3.90	2.33	.49	3.38	3.42	4.97	2.80	.92	.31	.47	*28.52
66	4.32	3.19	.79	3.27	3.28	2.86	1.98	.61	7.29	5.02	1.17	3.18	36.96
67	1.43	2.38	2.01	1.17	4.56	1.39	3.89	5.91	1.23	1.36	1.69	4.39	31.41
68	2.92	.98	4.69	1.05	3.33	3.04	1.27	3.14	3.58	1.70	3.86	2.29	31.85
69	2.09	2.33	2.68	3.25	1.97	1.88	9.52	9.42	2.52	1.04	1.25	6.39	44.34
70	1.64	2.17	3.73	3.50	1.56	2.72	4.84	1.57	2.17	1.37	3.17	3.08	31.52
71	2.13	4.43	2.26	1.84	9.80	1.83	3.28	6.10	1.01	5.18	3.41	.99	42.26
72	* 2.38	5.93	2.38	3.24	6.28	7.34	2.59	4.07	1.79	3.56	4.93	3.65	*48.14
73	2.86	2.97	2.69	3.12	2.28	1.74	1.61	4.12	1.78	2.74	1.09	4.73	31.73
74	2.71	1.40	5.25	1.34	3.35	3.66	1.06	6.84	4.56	.71	.71	4.48	36.07
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

[redacted] VALUES

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

72[illegible]240 PATUXENT RIVER NAS MD 45-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	4.63	2.79	6.03	2.14	3.33	4.19	4.87	3.53	7.99	4.56	2.31	3.97	50.34
76	4.03	1.31	1.96	.94	3.76	.92	2.69	.95	7.47	4.92	1.27	2.24	32.46
77	2.09	.81	1.90	1.52	1.94	5.28	2.02	3.13	2.59	4.16	3.88	5.31	34.63
78	6.17	1.01	6.65	2.99	5.24	3.39	5.62	2.90	.09	.69	2.61	4.07	41.43
79	5.99	7.02	3.10	2.69	6.43	4.18	5.75	9.16	7.53	2.84	4.67	1.44	60.80
80	3.69	1.15	7.00	3.40	2.13	.96	4.70	2.18	2.46	6.61	2.49	.68	37.45
81	.45												
MEAN	3.140	2.765	3.534	2.821	3.768	3.421	4.268	4.361	3.225	2.893	3.138	3.169	39.540
S.D.	1.461	1.464	1.618	1.251	2.165	1.774	3.067	2.836	2.068	1.690	1.015	1.541	8.051
TOTAL OBS	1113	989	1116	1080	1116	1077	1116	1116	1079	1116	1078	1115	13111

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-8 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

724040 PATUXENT RIVER NAS MD 45-81
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	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
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			MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	91.7	11.5	1.8	1.8	1.7	.5	.4	.8	.3	.1				7.5	1113	5.1	29.0	.0
FEB	94.3	8.8	.7	2.3	1.4	.8	.7	.4	.4	.1				6.9	988	4.9	32.3	.0
MAR	90.8	5.8	.5	1.0	.5	.4	.2	.4	.4					3.4	1116	2.9	22.0	.0
APR	98.8	1.1	.1											.1	1080	TRACE	.3	.0
MAY	99.9	.1													1116	TRACE	TRACE	.0
JUN	100.0														1080	.0	.0	.0
JUL	100.0														1116	.0	.0	.0
AUG	100.0														1116	.0	.0	.0
SEP	100.0														1080	.0	.0	.0
OCT	99.8	.1	.1											.1	1116	TRACE	.1	.0
NOV	96.9	2.1	.6	.2					.2					.9	1079	.3	7.1	.0
DEC	89.9	6.6	.6	1.2	.8	.2	.3	.3	.2					3.5	1114	2.1	13.0	.0
ANNUAL	95.1	3.0	.4	.5	.4	.2	.1	.2	.2	.0				1.9	13114	15.3		

USAFETAC FORM 0-15-5 (OL A) OCT 79 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 45-81 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			.0	.0	.0	.0	.0	.0	.0	.0	TRACE*	6.0	
46	1.5	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.3
47	1.7	.8	7.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.0
48	5.5	3.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.5
49	* .6	*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	* .6
50	.0	1.3	5.0	.0	.0	.0	.0	.0	.0	.0	.2	TRACE	5.0
51	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
52	TRACE	1.9	TRACE	.0	.0	.0	.0	.0	.0	.0	* 1.3	.0	1.9
53	TRACE	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.3	* .0	4.0
54	11.2	TRACE	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.0	11.2
55	4.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.0
56	1.4	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.4
57	3.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.9
58	4.9	.4	7.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.0
59	2.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	2.0
60	1.8	5.4	9.4	.0	.0	.0	.0	.0	.0	.0	.0	4.0	9.4
61	5.0	4.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	5.0
62	5.3	4.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	6.5	6.5
63	1.6	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
64	5.4	7.2	3.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	7.2
65	* 5.2	3.7	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	* 5.2
66	9.0	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	8.0	9.0
67	5.0	7.5	TRACE	.0	.0	.0	.0	.0	.0	.0	7.1	2.0	7.5
68	3.0	4.1	2.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.1
69	.2	2.6	6.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	6.3
70	2.9	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.9
71	1.0	TRACE	7.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	7.0
72	* .0	5.5	.0	.3	.0	.0	.0	.0	.0	TRACE	TRACE	.0	5.5
73	2.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.9	2.0
74	TRACE	4.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.2
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

724040 PATUXENT RIVER NAS MD 65-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	3.7	4.0	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
76	.2	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	1.8	1.8
77	6.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.3
78	2.9	5.7	6.2	.0	.0	.0	.0	.0	.0	.0	.9	TRACE	6.2
79	1.6	11.7	.1	.0	.0	.0	.0	.0	.0	.1	.0	TRACE	11.7
80	4.8	2.0	5.6	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.6
81	1.8												
MEAN	3.0*	2.6*	1.9*	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.2*	1.2*	5.9*
S.D.	2.67*	2.68*	2.64*	.05*	.0*	.0*	.0*	.0*	.0*	.01*	1.20*	2.12*	2.70*
TOTAL OBS	1111*	98*	111*	100*	111*	100*	111*	111*	100*	111*	107*	111*	1311*

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

[redacted]
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

724040 PATUXENT RIVER NAS MD 45-81
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
45			.0	.0	.0	.0	.0	.0	.0	.0	TRACE	* 7.3	
46	3.6	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	19.5
47	1.7	2.5	10.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	15.8
48	8.2	3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	12.0
49	* 1.0	* TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	* 1.0
50	.0	2.5	6.0	.0	.0	.0	.0	.0	.0	.0	.3	TRACE	8.8
51	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
52	TRACE	3.4	TRACE	.0	.0	.0	.0	.0	.0	.0	* 1.7	.0	* 5.1
53	TRACE	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.4 *	.0	* 5.0
54	12.0	TRACE	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.0	13.0
55	7.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.0
56	2.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.2
57	11.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5	16.2
58	4.9	.7	11.2	.0	.0	.0	.0	.0	.0	.0	.0	7.7	29.5
59	2.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.8	2.8
60	3.7	6.3	22.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	38.0
61	6.0	9.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	15.2
62	14.1	6.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	12.0	36.6
63	2.2	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.3
64	6.4	15.4	3.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	29.8
65	* 11.3	3.7	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	* 18.0
66	29.0	6.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	13.0	48.0
67	5.0	18.5	TRACE	.0	.0	.0	.0	.0	.0	.0	7.1	4.0	34.6
68	6.0	4.1	2.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	12.4
69	.2	2.8	12.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	15.6
70	6.6	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.9
71	2.4	TRACE	7.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	9.4
72	* .0	10.8	.0	.3	.0	.0	.0	.0	.0	TRACE	TRACE	.0	* 11.1
73	2.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	4.3	6.3
74	TRACE	4.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.2
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

724040 PATUXENT RIVER NAS MD 45-81
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	3.7	7.0	.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	11.5
76	.2	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	3.0	5.1
77	10.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.3
78	4.5	10.0	10.1	.0	.0	.0	.0	.0	.0	.0	.8	TRACE	25.4
79	2.7	32.3	.1	.0	.0	.0	.0	.0	.0	.1	.0	TRACE	35.2
80	8.0	6.4	6.4	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	20.8
81	2.3												
MEAN	5.08	4.90	2.87	.01	TRACE	.00	.00	.00	.00	.00	.27	2.07	16.31
S.D.	5.713	6.574	4.937	.050	.000	.000	.000	.000	.000	.014	1.204	3.520	12.044
TOTAL OBS	1113	988	1116	1080	1116	1080	1116	1116	1080	1116	1079	1114	13114

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

724040 PATUXENT RIVER NAS MD 45-48, 50, 52-81
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	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	77.8	8.3	4.3	2.8	1.7	3.4	1.4	.1	.1					13.9	991			
FEB	76.1	7.9	5.3	3.1	1.8	3.3	1.3	.7	.6					16.0	876			
MAR	91.3	2.5	.9	1.0	1.4	1.7	1.1							6.1	992			
APR	98.2	.6			.2	.5	.4							1.1	963			
MAY	100.0														992			
JUN	100.0														960			
JUL	100.0														1023			
AUG	100.0														1023			
SEP	100.0														990			
OCT	100.0														1023			
NOV	99.6	.3		.1										.1	989			
DEC	89.9	3.6	1.6	1.6	1.3	1.7	.4							6.5	1022			
ANNUAL	94.4	1.9	1.0	.7	.5	.9	.4	.1	.1					3.6	11844			

USAFETAC FORM 0-13-5 OCT 79 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

724'40 PATUXENT RIVER NAS MD 45-48, 52-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45			0	0	0	0	0	0	0	0	0	6	
46	10	3	0	0	0	0	0	0	0	0	0	0	10
47	7	3	7	0	0	0	0	0	0	0	0	TRACE	7
48	6	3	0	0	0	0	0	0	0	0	0	TRACE	6
52							0	0	0	0	*TRACE	0	
53	TRACE	0	4	0	0	0	0	0	0	0	2*	0	4
54	10	TRACE	0	TRACE	0	0	0	0	0	0	0	1	10
55	4	1	0	0	0	0	0	0	0	0	0	0	4
56	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
57	5	1	0	0	0	0	0	0	0	0	0	2	5
58	4	4	3	0	0	0	0	0	0	0	0	6	6
59	1	0	0	0	0	0	0	0	0	0	0	TRACE	1
60	TRACE	4	10	0	0	0	0	0	0	0	0	4	10
61	5	3	0	0	0	0	0	0	0	0	0	0	5
62	5	4	4	0	0	0	0	0	0	0	0	6	6
63	2	1	0	0	0	0	0	0	0	0	0	1	2
64	6	7	3	TRACE	0	0	0	0	0	0	0	0	7
65	* 8	4	3	0	0	0	0	0	0	0	0	0	* 8
66	27	31	0	0	0	0	0	0	0	0	0	11	31
67	5	9	0	0	0	0	0	0	0	0	0	3	9
68	3	0	5	0	0	0	0	0	0	0	0	0	5
69	TRACE	1	6	0	0	0	0	0	0	0	0	TRACE	6
70	4	1	TRACE	0	0	0	0	0	0	0	0	TRACE	4
71	2	1	7	0	0	0	0	0	0	0	0	0	7
72	0	2	0	TRACE	0	0	0	0	0	0	0	0	2
73	2	0	0	0	0	0	0	0	0	0	0	3	3
74	0	4	0	0	0	0	0	0	0	0	0	0	4
75	4	1	1	0	0	0	0	0	0	0	0	0	4
76	0	TRACE	0	0	0	0	0	0	0	0	TRACE	2	2
77	6	0	0	0	0	0	0	0	0	0	0	0	6
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

72- 40 PATUXENT RIVER NAS MD 45-48, 52-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	2	8	6	0	0	0	0	0	0	0	TRACE	0	8
79	2	27	TRACE	0	0	0	0	0	0	0	0	0	27
80	6	4	6	0	0	0	0	0	0	0	0	0	6
81	2												
MEAN	4.2	4.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.1	1.4	7.0
S.D.	5.082	7.087	2.890	.000	.000	.000	.000	.000	.000	.000	.354	2.601	6.649
TOTAL OBS	991	876	992	990	992	960	1023	1023	990	1023	989	1022	11841

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 45-81 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			W	47 WNW	46 NW	46 N	42 NW	45 W	35 E	48 NW	42 NW	43 S	38
46	N 37	NW 49	W 42	NW 43	NW 36	N 51	W *39	NW 41	NW 37	WNW 49	NNW 36	NW 58	NW 58
47	NW 46	WNW 47	W 57	SW 34	WSW 45	NE 48	N 31	ESE 24	NNW 35	NE 33	NW 42	NW 37	W 57
48	NW 36	NW 40	NW 37	NW *43	WNW 47	NNE 39	SW 44	NW 32	NNW 33	NNE 44	WNW 46	NNW 57	NNW 57
49	WNW 48	WNW 48	WNW 49	ESE 40	NW 48	ESE 40	SW 68	ESE 65	NW 34	NNE 35	NNW 43	WNW 43	SW 68
50	NW 46	NW 49	WNW 46	NW 40	NW 60	WNW 41	WNW 39	NW *47	NW 36	N 42	NNW 49	NW 42	NW 60
51	NW 44	NW 49	NW 44	N 38	NNW 39	W 43	NW 54	NW 52	NW 30	NW 48	SSE *42	WNW *41	NW 54
52	NW 40	NW 44	NW 46	N 42	SW 35	SW 50	NW 34	W 44	S 58	NW 46	SE 45	NW 37	S 58
53	NW 44	WNW 36	NW 38	WNW 42	WNW 44	NW 55	N 39	N 48	WNW 46	NW 39	NW 50	NW 48	NW 55
54	NW 48	N 51	S 48	NW 46	N 46	NW 70	NW 71	WNW 61	WNW 46	ESE 110	WNW 46	N 48	ESE 110
55	NW 53	NW 54	SSW 62	NW 63	W 44	ESE 54	SW 42	ESE 69	N 51	NW 56	NW 47	NNW 46	ESE 69
56	WNW 55	WNW 61	NNW 52	NW 54	NW 52	NNW 47	NW 60	NW 62	ENE 55	N 48	NW 51	NW 49	NW 62
57	NW 62	WNW 38	WNW 46	NW 60	NNW 38	SSW 60	NW 33	SW 56	WNW 38	ESE 69	NW 48	SSE 53	ESE 69
58	ENE 48	NNW 49	N 57	NW 41	WNW 42	NW 60	W 40	SW 46	W 40	NNW 39	NNW 55	NNE *37	NW 60
59	NW 47	NW 43	WNW 47	NE 37	NW 31	WNW 43	NW 42	NNE 31	SE 31	S 30	NW 42	NW 38	NW 47
60	WNW 42	E 61	WNW 48	NW 38	WNW 37	SW 48	WSW 40	NW 43	NNW 45	N 35	SW 31	NNW 43	E 61
61	NNW 44	WSW 47	NW 40	E 43	WNW 33	WSW 48	W 34	SSW 28	N 29	NNE 30	WNW 34	SSW 29	WSW 48
62	NNW 32	N 27	N 35	W 34	SSW 32	SW 30	NW 35	SW 24	SE 23	W 26	ESE 36	NW 39	NW 39
63	NW 39	NW 31	W 34	SW 41	NW 28	NNE 32	W 27	NW 31	S 31	NW 27	NW 35	NW 30	SW 41
64	W 34	W 41	SW 45	WSW 35	WNW 26	W 51	E 40	E 34	NNE 39	WNW 31	SE 33	NW 39	W 51
65	NW 42	NW 43	SW 36	NW 38	SSW 43	W 38	NNW 32	NW 49	NW 26	SE 43	W 40	WNW 30	NW 49
66	W 41	SE 32	W 37	WSW 30	W 33	WNW 28	W 35	SW 34	ESE 29	NW 28	S 32	WNW 33	W 41
67	W 33	SSW 37	NW 46	NW 44	WSW 44	SW 25	NW 32	SW 36	N 35	WSW 42	NW 40	WSW 40	NW 46
68	NNW 35	NW 36	NW 43	NW 36	WNW 36	S 38	NNW 29	E 47	S 29	NW 29	NNE *39	W 40	E 47
69	W 30	NW 42	NW 35	N 34	SSW 37	WSW 40	NNW 32	SSW 39	S 25	WNW 29	NNW 42	NW 38	NW 42
70	NW 42	NW 37	N 26	W 44	NW 28	SW 30	NE 33	NW 29	W 40	NW 28	NW *33	NW 38	W 44
71	W 43	NNW *22	31/ 40	34/ 36	25/ 77	32/ 49	15/ 34	1/ 29	3/ 24	15/ 28	30/ 34	24/ 44	25/ 77
72	31/ 34	21/ 42	27/ 35	2/ 28	32/ 25	34/ 37	24/ 26	24/ 24	21/ 28	32/ 30	14/ 42	29/ 31	21/ 42
73	26/ 33	19/ 36	24/ 42	29/ 32	33/ 28	2/ 23	31/ 23	25/ 23	16/ 30	16/ 30	21/ 36	2/ 36	24/ 42
74	23/ 29	16/ 36	26/ 43	25/ 36	32/ 31	32/ 29	29/ 36	15/ 27	33/ 34	33/ 27	27/ 32	10/ 49	10/ 49
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

724 '40 PATUXENT RIVER NAS MD 45-81
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
75	31/ 40	22/ 37	31/ 37	29/ 47	30/ 30	24/ 40	1/ 31	25/ 33	29/ 31	8/ 25	30/ 29	19/ 31	29/ 47
76	32/ 32	29/ 41	31/ 37	30/ 27	30/ 29	16/ 23	36/ 39	32/ 18	33/ 16	35/ 25	31/ 28	30/ 38	29/ 41
77	36/ 41	31/ 35	29/ 40	32/ 39	35/ 42	23/ 40	29/ 53	24/ 54	8/ 40	27/ 36	29/ 39	30/ 38	24/ 54
78	23/ 60	29/ 39	23/ 37	4/ 43	5/ 28	31/ 52	30/ 38	18/ 32	2/ 26	32/ 28	30/ 28	29/ 43	23/ 60
79	30/ 37	36/ 43	32/ 30	30/ 35	16/ 32	22/ 28	21/ 31	4/ 33	16/ 58	27/ 32	24/ 48	34/ 36	16/ 58
80	31/ 29	33/ 34	31/ 47	31/ 32	23/ 30	33/ 40	29/ 65	32/ 54	33/ 27	32/ 36	34/ 35	36/ 38	29/ 65
81	34/ 31												

MEAN	41.0	42.2	42.5	39.9	38.4	42.0	39.6	39.6	35.6	38.2	39.9	40.5	54.5
S.D.	8.289	7.869	7.588	7.829	10.530	11.087	11.717	13.320	10.040	15.713	7.230	7.300	14.556
TOTAL OBS	1111	970	1111	1070	1113	1076	1107	1107	1076	1111	1069	1102	13015

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72 4[illegible] | PATUXENT RIVER NAS MD | 74-81 | JAN
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.9	2.3	.8								8.1	6.0
NNE	.7	1.0	.7	.5								2.9	6.4
NE	.7	.8	.1	.4								2.0	5.9
ENE	1.2	.8	.3	.1								2.5	4.4
E	.7	.7	.5	.1								2.0	5.5
ESE	.5	.3	.4									1.2	4.9
SE	1.4	.7	.7									2.7	4.4
SSE	1.2	1.6	1.0	1.0	.4							5.2	7.8
S	2.2	2.3	1.6	.3								6.4	5.2
SSW	.8	.1	1.6	1.1								3.7	8.1
SW	.7	.4	1.5	.7								3.3	8.0
WSW	.7	1.4	1.1	.7	.1	.3						4.2	8.3
W	2.0	3.0	1.9	.7	.1							7.8	6.1
WNW	2.6	1.4	2.5	3.4	.4							10.2	8.7
NW	1.8	3.1	2.9	3.1	.4	.3						11.6	8.7
NNW	3.0	4.9	3.7	1.5	.1							13.3	6.5
VARBL													
CALM												12.8	
	22.3	25.4	22.8	14.5	1.6	.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 732

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

(...40) PATUXENT RIVER NAS MD — 74-81 — JAN
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.8	3.5	1.2								9.5	6.8
NNE	.7	1.4	.8	.3	.1							3.2	6.9
NE	.5	.4	.1	.3	.1							1.5	7.0
ENE	1.2	.7	.3									2.2	3.9
E	.5	1.1	1.1									2.7	5.7
ESE	.1	1.4	.3									1.8	4.9
SE	.8	.8	.5									2.2	4.9
SSE	1.6	1.4	.7	.5		.1						4.3	5.8
S	.5	2.3	1.4	.3	.1							4.6	6.7
SSW	.9	1.1	1.5	.5		.1	.1					4.3	7.9
SW	.7	.7	.5	1.1	.1							3.1	8.2
WSW	.8	.7	.9	.8	.5							3.8	9.2
W	1.9	1.6	2.4	1.4								7.3	7.9
WNW	1.4	1.6	2.2	4.3	.4	.3						10.1	9.7
NW	2.4	3.9	2.4	2.3	.7							11.8	7.5
NNW	2.6	5.1	4.3	.9								13.0	6.1
VARBL													
CALM												14.6	
	18.7	26.9	23.0	13.9	2.2	.5	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 739

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (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	1.4	2.3	1.8	1.1								6.5	6.6
NNE	1.1	2.4	.4	.5								4.5	5.7
NE	.8	1.9	.1	.3								3.1	5.3
ENE	.5	1.2	.4	.1								2.3	5.6
E	.7	1.5	.7									2.9	5.1
ESE	.4	1.4	.4	.3								2.4	6.2
SE	.7	1.6	.5	.1								3.0	5.2
SSE	.7	1.0	.8		.1							2.6	6.1
S	1.2	1.9	.8	.3	.1							4.4	5.8
SSW	1.2	1.0	1.2	1.1	.3							4.8	7.9
SW	1.4	2.4	.5	.5		.1	.1					5.2	6.7
WSW	1.0	1.2	.7	1.0	.3	.1						4.2	8.6
W	2.9	3.0	1.5	1.2	.1							8.7	5.9
WNW	1.6	1.8	1.9	3.0	1.0							9.3	9.6
NW	3.0	3.3	3.4	2.0	.4							12.1	7.2
NNW	2.9	4.5	4.5	1.2								13.1	6.6
VARBL													
CALM												11.0	
	21.4	32.4	19.7	12.8	2.3	.3	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 735

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)

72-140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	4.0	2.7	1.0	.1							9.4	6.7
NNE	1.2	2.9	1.5									5.6	5.5
NE	1.4	.8	.4	.1								2.7	4.7
ENE	.8	1.2	.3									2.3	4.1
E	1.0	2.5	.4	.3								4.1	5.0
ESE	1.0	1.1	.5									2.6	4.3
SE	.7	1.5	1.1	.1								3.4	5.7
SSE	.4	1.6	1.0	1.0								4.0	7.3
S	.3	1.6	1.4	.4	.1							3.8	7.3
SSW	.9	1.2	1.4	.7								3.7	7.6
SW	.5	.8	2.3	1.1	.5	.1						5.5	10.0
WSW	.5	1.1	1.5	1.2	.4	.4						5.2	10.5
W	1.4	2.0	2.5	2.0	.5							8.5	8.4
WNW	1.2	1.4	4.0	2.5	.7							9.7	9.4
NW	.5	2.7	4.9	3.8	1.6							13.3	10.0
NNW	1.9	3.0	4.8	1.6	.3		.1					11.7	7.6
VARBL													
CALM												4.5	
	18.9	29.5	30.6	15.8	4.8	.5	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 732

2140

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (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	1.8	3.0	2.3	1.8	.3							9.2	7.3
NNE	.4	4.1	1.8									6.3	5.6
NE	.7	2.1	.4									3.2	5.0
ENE	.7	1.4	.3									2.3	4.9
E	1.7	1.0	.1		.1							2.9	4.5
ESE	1.2	2.8	.8	.1								5.0	4.9
SE	1.0	3.0	2.8	.4								7.2	6.6
SSE	.4	1.2	1.5	.7								3.9	7.3
S	.3	.6	1.1	.8	.3							3.0	10.0
SSW	.1	1.4	1.5	.8	.1							4.0	8.5
SW	.1	1.1	1.5	1.8	.3							4.8	9.9
WSW		.8	1.5	1.5	.8	.3	.3					5.2	12.7
W	.3	1.1	2.3	3.2	1.1							8.0	11.4
WNW	.4	1.4	2.5	4.1	.8	.4						9.6	11.6
NW	.6	1.4	4.7	5.5	1.2	.1						13.5	10.9
NNW	.7	3.3	4.0	1.2	.4							9.6	8.0
VARBL													
CALM												2.3	
	10.3	29.6	29.2	22.0	5.5	.8	.3					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 727

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

...AL CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

...40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 79-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.6	1.8	.5								6.4	5.9
NNE	2.1	2.7	1.1	.1								6.0	4.9
NE	1.1	2.3	.7									4.1	4.6
ENE	.8	.8	1.0									2.6	5.5
E	1.6	.7										2.3	2.9
ESE	1.8	1.5	.3									3.6	4.0
SE	1.6	2.5	3.0	.4								7.5	6.4
SSE	.9	1.9	3.6	.3								6.6	6.6
S	1.0	1.0	1.0	.7								3.6	6.9
SSW	.5	.5	1.1	1.1								3.3	8.5
SW	.4	.7	1.9	1.5	.3							4.8	9.6
WSW	.4	.7	1.2	2.3	.3	.1						5.1	10.7
W	.3	1.4	2.5	2.1	.5	.1						6.9	10.4
WNW	.1	1.2	4.1	3.3	.8	.1						9.7	10.6
NW	.5	2.6	4.1	4.3	.5							12.1	10.0
NNW	1.0	3.0	5.8	2.6	.5							11.0	8.5
VARBL													
CALM												4.4	
	15.6	26.2	31.1	19.2	3.0	.4						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 729

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

2141

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

7 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.9	2.1	.7								8.0	6.1
NNE	1.7	.7	.6									2.9	4.0
NE	1.4	.8	.7	.1								3.0	5.0
ENE	.6	.8	.8									2.2	5.7
E	.7	.3	.1		.1							1.2	5.1
ESE	1.7	.5	.9									2.3	3.3
SE	1.2	1.8	.7									3.7	4.7
SSE	1.1	2.5	1.0	.4	.1							5.1	5.9
S	3.0	3.2	.4	.7	.1							7.4	4.7
SSW	1.0	.3	1.1	.1								3.0	5.9
SW	.4	1.4	1.8	.8	.1							4.5	8.4
WSW	.6	1.2	1.4	1.1	.4	.1	.1					5.0	9.8
W	1.4	1.8	1.4	1.0	.8							6.3	8.5
WNW	1.8	1.5	2.1	2.8	.8							8.9	9.2
NW	1.8	2.1	1.7	2.8	.7	.4						9.4	9.3
NNW	1.9	3.7	3.6	1.7	.3							11.1	7.3
VARBL													
CALM												15.8	
	21.5	26.7	19.7	12.1	3.6	.6	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 727

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

...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

7...4D (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (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	1.9	3.2	1.2	.8								7.1	5.8
NNE	1.2	1.8	.8									3.8	5.0
NE	.8	.8	.8									2.5	4.9
ENE	.5	.5	.1									1.2	4.3
E	1.0	.4	.5	.3								2.2	5.7
ESE	1.2	.4	.3									1.9	3.9
SE	1.2	1.5	1.1									3.8	4.7
SSE	1.9	2.5	.8	.3	.1							5.6	5.2
S	2.1	3.9	.7	.8								7.4	5.3
SSW	.7	1.2	.4	.4								2.7	6.4
SW	.7	.8	1.2	.7								3.4	7.2
WSW	.4	1.4	1.6	1.8	.5	.1						5.9	10.0
W	1.4	1.8	1.1	1.1	.4							5.8	7.5
WNW	1.4	1.5	1.9	3.8	1.0	.1						9.7	10.1
NW	1.2	2.1	2.5	2.5	.4	.4						9.1	9.3
NNW	4.8	3.6	3.4	2.6	.9	.1						15.0	6.7
VARBL													
CALM												12.8	
	22.5	27.3	18.7	15.1	2.9	.8						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 729

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2142

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

7... 40	PATUXENT RIVER NAS MD	74-81	JAN
STATION	STATION NAME	YEARS	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	1.7	3.1	2.2	1.0	.1							8.0	6.5
NNE	1.1	2.1	1.0	.2	.0							4.4	5.4
NE	.9	1.2	.4	.2	.0							2.8	5.1
ENE	.3	.9	.4	.0								2.2	4.8
E	1.0	1.0	.4	.1	.0							2.5	4.9
ESE	1.0	1.1	.4	.1								2.6	4.5
SE	1.1	1.7	1.3	.1								4.2	5.6
SSE	1.0	1.7	1.3	.5	.1	.0						4.6	6.5
S	1.3	2.1	1.0	.5	.1							5.1	6.1
SSW	.7	.9	1.2	.7	.1	.0	.0					3.7	7.7
SW	.6	1.0	1.4	1.0	.2	.0	.0					4.3	8.6
WSW	.5	1.1	1.2	1.3	.4	.2	.1					4.8	10.1
W	1.4	2.0	1.9	1.6	.5	.0						7.4	8.1
WNW	1.3	1.5	2.6	3.*	.7	.1						9.7	9.8
NW	1.5	2.6	3.3	3.2	.8	.2						11.6	9.2
NNW	2.3	3.9	4.0	1.7	.3	.0	.0					12.2	7.1
VARBL													
CALM												9.8	
	18.4	28.0	24.3	15.6	3.2	.6	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 5850

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

L AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

4J	PATUXENT RIVER NAS MD	73-80	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.5	3.1	1.0	.1							8.4	7.1
NNE	.6	1.6	1.5	1.2	.1							5.1	7.8
NE	.6	1.0	.7	.1	.1							2.7	6.8
ENE	.4	1.4	.6									2.8	5.2
E	1.0	.6	.6									2.2	4.3
ESE	.6	.6	.6	.1								1.9	5.2
SE	.6	1.6	.3									2.5	4.6
SSE	.9	2.1	.6									3.6	4.5
S	1.0	1.5	1.9	.4								4.9	6.6
SSW	1.2	1.8	2.1	1.2								6.3	7.1
SW	.4	.9	2.4	1.6								5.4	9.0
WSW	1.0	.6	.6	.6								2.8	6.2
W	.9	1.2	1.2	.6	.3							4.2	7.6
WNW	2.2	2.4	1.0	1.8	.7	.4						8.7	8.7
NW	2.8	3.1	3.1	3.0	.3							12.4	7.4
NNW	2.1	3.3	3.1	2.1	.3							12.8	7.8
VARBL													
CALM												13.3	
	18.1	26.7	25.5	13.9	2.1	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 670

2142

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

...AL CLIMATOLOGY BRANCH
...FETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...41	PATUXENT RIVER NAS MD	73-80	FEB

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	3.6	1.3								a.5	7.4
NNE	.7	1.2	1.9	1.0	.1							5.1	8.4
NE	.9	1.6	.7									3.3	5.1
ENE		1.2	.3	.1								1.6	6.2
E	.7	1.0	.9									2.7	5.3
ESE	.4	1.2	.1									1.8	4.6
SE	.4	1.2	.3									1.9	4.8
SSE	1.0	.9	.4									2.4	4.3
S	1.5	2.4	.6	.4								4.9	5.1
SSW	.4	1.2	2.1	1.5								5.2	8.6
SW	.6	1.2	1.3	1.5	.1	.1						4.9	8.6
WSW	1.5	.9	.9	.4		.1						3.9	6.5
W	1.8	2.2	1.0	.3								5.4	5.1
WNW	2.5	2.4	1.9	1.9	1.3	.1						10.3	8.6
NW	2.4	3.1	1.9	2.7	.1							10.3	7.6
NNW	3.1	3.9	5.7	2.2	.1							15.1	7.2
VARBL													
CALM												12.4	
	19.5	28.1	24.0	13.6	1.9	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 668

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

SURFACE WINDS

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

4 PATUXENT RIVER NAS MD 73-80 [illegible]
STATION STATION NAME YEARS

ALL WEATHER 060[illegible]
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	
N	1.4	2.7	3.0	.7								7.8	
NNE	1.3	1.4	1.6	1.2								5.4	
NE	.6	1.3	.6	.3								2.8	
ENE	.1	1.5	.3	.3								2.2	
E	.3	1.3	1.5	.1								3.3	
ESE		.6	.9									1.5	
SE	.5	1.0	.4	.1								1.9	
SSE	.3	.9	.7	.1								2.1	
S	1.2	.9	.7	.6								3.4	
SSW	.6	.7	.7	1.2								3.3	
SW	2.5	.9	2.4	1.9	.3							8.1	7[illegible]
WSW	1.8	1.6	1.6	.1								5.2	[illegible]
W	2.1	1.9	.6	.1								3.9	[illegible]
WNW	1.3	2.2	2.2	1.6	1.0	.1						8.7	9[illegible]
NW	2.9	3.7	2.7	2.7	.9							12.9	7[illegible]
NNW	2.1	4.5	5.5	1.8	.1							14.1	7.[illegible]
VARBL													
CALM												12.9	
	18.6	27.1	25.7	13.2	2.4	.1						10[illegible].0	6.1

TOTAL NUMBER OF OBSERVATIONS 6[illegible]8

2144

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
40	PATUXENT RIVER NAS MD	73-80	FEB

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	2.5	4.4	2.1								9.9	8.1
NNE	.8	2.3	1.8	.3								5.1	6.1
NE	1.2	2.7	.8	.8	.2							5.6	6.3
ENE	.9	1.5	.6									3.0	5.3
E	.8	1.5	.8									3.0	5.0
ESE	.8	1.1	.9	.2								2.9	5.5
SE	1.2	.9	1.7	.6								4.4	6.7
SSE	.5	1.1	.9	.6								3.0	7.1
S	.2	.9	1.1	.6								2.7	8.1
SSW	.8	.5	1.1	2.0	.3							4.5	9.6
SW	.3	1.2	3.0	2.1								6.6	9.0
WSW	.5	.9	2.3	2.1	.6							6.3	10.2
W	1.1	1.4	.6	1.2	.2							4.4	7.4
WNW	.9	1.2	2.3	2.0	.5	.3						7.1	9.9
NW	.8	2.9	6.5	6.3	1.2	.3						17.9	10.4
NNW	.5	1.2	3.9	4.2	.6		.2					10.5	10.4
VARBL													
CALM												3.0	
	12.0	23.3	32.4	25.0	3.5	.6	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 664

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

/... 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.4	2.6	3.3	1.2								8.5	7.0
NNE	.8	3.6	3.0	.6	.2							8.2	6.9
NE	.9	2.1	1.4	.8								5.0	6.8
ENE	.6	2.0	.8	.2								3.5	5.2
E	.9	1.7	.8									3.3	5.1
ESE	1.2	2.6	.2									3.9	4.2
SE	.9	3.0	3.2	1.7								8.8	7.4
SSE	.3	.8	2.7	.9	.2							4.8	8.8
S	.6	.2	1.1	.9	.2							2.9	8.8
SSW	.3	.6	1.7	1.1	.5							4.1	9.9
SW		.5	1.4	2.0	.5							4.2	11.7
WSW		.5	3.2	1.1	.3							5.0	10.1
W		.6	2.1	2.0	.2							4.8	10.7
WNW	.2	.9	1.7	2.1	.5	.3						5.6	10.9
NW		1.5	4.4	7.4	1.1	.2						14.5	11.6
NNW	.8	1.4	4.5	4.5	.9							12.1	10.3
VARBL													
CALM												.9	
	8.6	29.3	35.2	26.3	4.2	.5						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 662

2145

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

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...14J (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.0	2.8	.7								7.2	7.0
NNE	1.5	3.1	2.7	1.0								8.4	6.5
NE	1.3	3.4	.6	.4								5.8	5.3
ENE	1.3	.6	.7	.1								2.8	4.9
E	.7	1.8	.3									2.8	4.6
ESE	1.0	3.1	.6									4.8	4.6
SE	1.5	3.3	4.8	.9								10.4	7.1
SSE	.7	3.6	4.9	1.9								11.2	7.6
S	.3	.6	1.3	.1								2.4	7.1
SSW		.9	.7	1.8								3.4	10.0
SW			1.5	1.3	.3							3.1	11.4
WSW	.3	.6	1.3	.4	.1							2.8	8.8
W	.1	1.5	2.2	1.2	.1							5.2	8.8
WNW	.3	.4	2.1	1.6	.7	.3						5.5	12.0
NW	.4	1.2	5.5	4.2	1.3	.3						13.0	11.0
NNW	.6	1.0	5.1	3.3	.1							10.1	9.6
VARBL													
CALM												.9	
	10.9	28.2	37.3	19.3	2.8	.6						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 670

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

...L CLIMATOLOGY BRANCH
...STAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

(...)NL — STATION
PATUXENT RIVER NAS MD — STATION NAME
73-80 — 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	2.1	3.9	2.6	.9								9.5	6.0
NNE	1.5	1.4	1.5	.2								4.5	5.4
NE	.6	1.1	.8		.5							2.9	7.4
ENE	.9	1.8	.9	.2								3.8	5.2
E	1.4	.3	.5									2.1	3.9
ESE	1.8	.6										2.4	2.8
SE	1.7	3.2	.9									5.7	4.6
SSE	1.8	5.3	2.9									9.9	5.5
S	2.0	4.1	1.5									7.5	4.8
SSW	.8	.9	2.3	.8								4.7	7.7
SW	.5	.8	.3	.6								2.1	6.9
WSW	.9	.6	.3	.6								2.3	6.7
W	.8	1.5	1.1		.2							3.5	6.0
WNW	.8	1.2	1.1	1.2	.6	.5						5.3	10.7
NW	.6	1.4	3.9	3.2	.3	.2						9.5	9.9
NNW	3.3	3.6	3.2	2.1								12.2	6.8
VARBL													
CALM												12.3	
	21.1	31.4	25.5	9.8	1.5	.6						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 665

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

2146

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 2100-[redacted] (HOURS)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56+	%	[redacted]
N	1.1	2.4	2.6	1.4								[redacted]	
NNE	.9	1.5	2.0	.5	.2								
NE	.9	1.1	1.1	.2	.2								
ENE	.3	1.1	.2	.2									
E	.6	1.2											
ESE	.6	.5	.2										
SE	1.4	1.8	1.1										
SSE	1.2	1.7	1.7	.2									
S	2.0	4.1	1.8	.5									
SSW	1.2	3.2	2.7	.3									
SW	.9	.5	1.1	1.5	.3								
WSW	.3	.5	.5	.6									
W	.6	.8	1.1	.8	.2								
WNW	2.3	1.4	1.7	1.4	.9		.3						
NW	2.7	2.0	3.5	3.2	.6	.2							
NNW	1.8	3.5	4.7	1.7	.3								
VARBL													
CALM													
	18.7	28.8	25.5	12.0	2.6	.2	.3						

TOTAL NUMBER OF OBSERVATIONS [redacted]

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.7	3.2	1.2	.0							8.3	7.1
NNE	1.0	2.1	2.0	.8	.1							5.9	6.9
NE	.9	1.8	.8	.3	.1							3.9	6.2
ENE	.6	1.4	.5	.1								2.7	5.4
E	.8	1.2	.7	.0								2.7	5.0
ESE	.8	1.3	.4	.0								2.6	4.6
SE	1.0	2.0	1.6	.4								5.0	6.2
SSE	.8	2.0	1.9	.5	.0							5.2	6.5
S	1.1	1.8	1.3	.5	.0							4.6	6.1
SSW	.7	1.2	1.7	1.2	.1							4.9	8.1
SW	.7	.7	1.7	1.6	.2	.0						4.8	9.0
WSW	.8	.8	1.3	.8	.1	.0						3.8	8.0
W	.9	1.3	1.2	.8	.1							4.3	7.3
WNW	1.3	1.5	1.7	1.7	.8	.3	.0					7.4	9.6
NW	1.6	2.4	3.9	4.1	.7	.1						12.8	9.4
NNW	1.8	2.8	4.7	2.7	.3		.0					12.4	8.2
VARBL													
CALM												8.7	
	15.9	27.0	28.6	16.6	2.6	.4	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 5331

2147

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)

74040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	2.2	.8	.3							6.8	6.8
NNE	1.0	2.0	.8	.8	.3							4.9	7.1
NE	.3	1.2	.4	.4								2.3	6.1
ENE	1.1	.7	.3	.1								2.2	4.5
E	1.5	1.0	1.0									3.4	4.9
ESE	1.4	1.8		.1								3.3	4.3
SE	1.1	1.4	1.5	.1								4.1	5.6
SSE	1.8	2.4	2.4	.3								6.9	5.8
S	.8	2.7	3.4	2.4								9.4	7.9
SSW	1.0	.5	3.7	1.1								6.2	8.1
SW	.7	1.0	2.0	1.4								5.0	7.8
WSW	.5	.5	1.1	.8								3.0	8.0
W	2.0	.7	1.2	.8								4.8	6.3
WNW	1.9	1.6	1.0	2.6	.5		.1					7.7	8.9
NW	1.4	1.0	3.7	2.2	.4							8.6	9.0
NNW	1.5	3.7	3.4	1.5								10.1	7.0
VARBL													
CALM												11.4	
	19.0	24.5	28.0	15.5	1.5		.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 736

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

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	2.3	.8	.1							6.8	7.1
NNE	.7	1.9	1.1	.3	.3							4.3	7.1
NE	1.0	1.5	.6	.3								3.3	5.5
ENE	1.0	1.4	.4									2.8	4.5
E	1.0	2.3	1.4									4.7	5.5
ESE	.6	.8	.6	.1								2.1	5.4
SE	1.4	1.1	1.0									3.5	5.1
SSE	.6	1.7	1.9	1.5								5.7	8.0
S	1.0	.8	2.3	1.1								5.2	7.6
SSW	.8	1.1	1.5	2.3	.5	.1						6.2	9.2
SW	1.1	1.5	1.8	.8								5.2	6.9
WSW	.6	1.0	1.4	.7	.1							3.7	7.5
W	1.4	1.1	1.7	1.2								5.4	7.5
WNW	2.1	1.7	1.5	1.9	.1							7.3	7.5
NW	1.7	2.5	2.3	1.2	.7							8.4	7.8
NNW	2.1	3.9	5.8	.8								12.6	6.8
VARBL													
CALM												12.8	
	17.8	26.7	27.6	13.3	1.7	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 724

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

2148

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...MD | PATUXENT RIVER NAS MD (STATION NAME) | 73-80 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.3	2.6	1.2								8.6	6.8
NNE	.4	1.9	1.0	.7								3.9	7.1
NE	1.0	1.4	1.4	.4								4.1	6.5
ENE	.6	1.4	.7	.7								3.3	6.7
E	.7	2.8	1.4	.3								5.1	5.9
ESE	1.0	.7	.7	.3								2.6	5.7
SE	1.7	2.1	.8	1.0								5.5	6.0
SSE	.7	1.5	1.5	.7	.1							4.6	7.6
S	1.1	.8	1.9	1.4								5.3	8.0
SSW	.6	.6	2.5	2.1	.1							5.8	9.4
SW	.4	1.7	2.1	1.5	.3							5.9	9.0
WSW	.7	.6	1.0	.4								2.6	6.3
W	1.7	2.1	1.8	1.2	.1							6.9	6.9
WNW	1.0	1.0	1.9	3.0								6.9	9.3
NW	1.4	1.2	2.5	1.4	.7	.4						7.6	9.3
NNW	1.7	2.8	4.8	1.8	.1							11.2	7.5
VARBL													
CALM												10.0	
	15.8	25.6	28.6	18.1	1.5	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 723

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

...L CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

...040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.2	2.9	2.3	1.4								7.8	7.0
NNE	1.5	3.0	2.6	.8								7.9	6.2
NE	.4	3.0	.5	.1								4.1	5.5
ENE	.8	1.2	1.4	.5								4.0	6.9
E	.8	1.4	1.4	.4								4.0	6.1
ESE	1.0	2.2	1.5	.4								5.1	6.3
SE	.7	3.7	2.3	.8								7.5	6.7
SSE		1.2	.5	1.4	.4							3.6	10.0
S	.3	1.2	1.8	1.5	.3							5.1	9.4
SSW	.7	.4	2.2	2.3	.7							6.3	10.4
SW	.3	1.1	1.8	1.8	.4							5.3	10.5
WSW	.5	1.1	1.8	1.0	.1							4.5	7.8
W	.4	.5	1.2	1.0	.5							3.7	9.9
WNW	.5	1.2	3.6	2.9	.5	.1						8.9	10.2
NW	.1	1.5	3.8	4.9	1.0	.3						11.6	11.3
NNW	.7	1.0	3.3	3.8	.1	.1						8.6	10.1
VARBL													
CALM												2.2	
	10.0	26.6	32.0	28.6	4.1	.5						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 732

2149

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.5	1.9	2.0								7.8	7.4
NNE	.7	3.8	3.3	.7								8.5	6.7
NE	.7	2.6	1.6	.4								5.3	6.1
ENE	.4	1.8	.8	.5								3.6	6.8
E	.8	2.6	1.1									4.5	5.2
ESE	.4	3.0	2.7	.1								6.3	6.7
SE	.3	4.5	5.5	1.8	.3							12.3	8.0
SSE	.4	1.6	2.5	3.3	.3							8.1	9.5
S	.4	1.0	.5	1.2	.3							3.4	9.6
SSW	.3	.3	1.0	1.6	.3	.1						3.6	11.5
SW	.3	.7	2.5	2.0	.5							6.0	10.7
WSW	.1	.1	.5	1.2	.3	.3						2.6	12.7
W	.3	.5	1.4	1.0	.7	.1						4.0	11.4
WNW		1.0	2.6	4.0	.8							8.3	11.7
NW	.3	1.0	1.6	4.1	1.9	.1						9.0	12.6
NNW	.7	1.1	1.4	2.2	.8							6.1	10.6
VARBL													
CALM												.7	
	7.4	28.0	30.9	26.2	6.1	.7						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 732

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

...AL CLIMATOLOGY BRANCH
...ETAC
A ...EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...4	PATUXENT RIVER NAS MD	73-80	MAR

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	2.6	1.5								7.1	7.6
NNE	.4	3.2	3.0	.4								7.0	6.5
NE	.3	1.4	1.6	.3								3.6	7.0
ENE	.7	1.4	.3	.3								2.6	5.6
E	1.0	1.5	.4									3.2	4.6
ESE	.8	3.4	2.1	.4								6.7	6.3
SE	.7	4.5	8.0	1.1		.1						14.4	7.6
SSE	1.4	2.3	7.5	3.6	.3							15.1	8.6
S	.4	.4	1.4	.4	.3							2.9	8.6
SSW		.3	1.2	1.0	.3							2.7	10.9
SW			1.8	1.1	.1							3.0	10.8
WSW	.3		1.5	1.0	.1	.4						3.3	11.8
W	.1	.4	1.6	2.2	.1							4.5	10.3
WNW	.3	.8	1.0	2.7	.8							5.6	11.8
NW	.7	2.2	2.3	3.6	.8	.4						10.0	10.6
NNW	.8	1.0	1.8	2.6	.9	.1						6.7	10.2
VARBL													
CALM												1.5	
	7.1	24.8	38.1	22.1	3.3	1.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 729

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

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PATUXENT RIVER NAS MD	73-80	MAR

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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.[illegible]	2.5	2.6	.5	.1	.1						7.5	6.9
NNE	1.1	1.4	1.5	.4	.1							4.5	6.9
NE	.7	.4	.4	.1								1.6	5.5
ENE	.5	.3	.3	.1								1.2	5.3
E	1.1	1.5	1.4	.1								4.1	5.7
ESE	1.[illegible]	.5	.7	.3								2.5	5.8
SE	1.4	5.3	2.9	.4								10.0	6.3
SSE	2.9	5.8	7.0	2.2								17.8	6.7
S	1.9	2.7	2.6	.7								7.8	6.1
SSW	.5	1.1	.8	.3	.1							2.9	7.0
SW	1.1	.7	1.2	.8								3.8	6.9
WSW	.4	.7	.4	.8	.3	.1						2.7	9.7
W	.5	1.0	.4	.8		.1						2.9	8.1
WNW	.5	.7	1.1	1.2	1.0							4.5	10.4
NW	1.0	.7	2.5	2.5	.4	.1						7.1	9.9
NNW	1.5	2.3	2.6	1.9	.5							8.9	8.4
VARBL													
CALM												9.3	
	17.7	28.1	28.4	13.3	2.6	.5						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 729

...AL CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...NHU	PATUXENT RIVER NAS MD	73-80	MAR

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	1.6	1.8	2.6	.7	.1	.3						7.1	7.5
NNE	.3	1.4	1.9	.8	.1							4.5	8.4
NE	.5	.8										1.4	3.5
ENE	1.0	.5	.5	.1								2.2	4.8
E	.5	1.2	1.1									2.9	5.6
ESE	.7	1.9	.8									3.4	5.2
SE	1.6	2.7	2.6	.4								7.4	6.3
SSE	1.4	4.5	3.1	1.0								10.0	6.4
S	3.0	3.3	3.3	1.6								11.2	6.5
SSW	1.4	1.4	2.0	1.2								6.0	6.8
SW	.4	.1	1.0	1.0								2.5	8.7
WSW	1.2	.7	.5	.3	.1							2.9	6.2
W	.4	1.0	.5	.7	.3	.1						3.0	9.2
WNW	1.9	1.8	1.2	1.9	.7							7.5	8.6
NW	1.5	1.8	2.3	2.9	.5							9.0	9.2
NNW	1.5	2.2	2.9	1.8	.4							8.7	8.1
VARBL													
CALM												10.5	
	19.0	27.0	26.5	14.3	2.3	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 733

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

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...4C	PATUXENT RIVER NAS MD	73-80	MAR

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.4	2.4	1.1	.1	.1						7.4	7.1
NNE	.8	2.3	1.9	.6	.1							5.7	6.9
NE	.5	1.5	.8	.3								3.2	5.9
ENE	.8	1.1	.6	.3								2.8	5.8
E	.9	1.8	1.1	.1								4.0	5.5
ESE	.8	1.8	1.1	.2								4.0	5.8
SE	1.1	3.2	3.1	.7	.0	.0						8.1	6.7
SSE	1.1	2.6	3.3	1.7	.1							9.0	7.6
S	1.1	1.6	2.2	1.3	.1							6.3	7.6
SSW	.7	.7	1.9	1.5	.2	.0						5.0	9.0
SW	.5	.8	1.8	1.3	.2							4.6	8.9
WSW	.5	.6	1.0	.8	.1	.1						3.2	8.7
W	.9	.9	1.2	1.1	.2	.1						4.4	8.5
WNW	1.0	1.2	1.7	2.5	.6	.0	.0					7.1	9.7
NW	1.0	1.5	2.6	2.8	.8	.2						8.9	10.1
NNW	1.3	2.2	3.2	2.0	.3	.0						9.1	8.5
VARBL													
CALM												7.3	
	14.5	26.4	30.0	18.4	2.9	.5	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 5838

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...40 PATUXENT RIVER NAS MD 73-80 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	1.5	1.0								5.8	6.8
NNE	.6	1.0	1.1		.1							3.1	6.2
NE	.5	.6	.5		.1		.1					1.4	8.7
ENE	.5	.5	.7	.1								1.4	6.8
E	1.0	2.3	1.4	.1								4.8	5.6
ESE	.8	1.2	.6	.1								2.5	5.4
SE	.6	1.3	.8	.1								2.8	5.6
SSE	1.0	3.1	2.1	.4								6.6	5.9
S	2.4	3.4	.7	1.1								8.0	5.7
SSW	.7	1.3	3.7	1.7								7.5	8.3
SW	.8	2.4	3.9	1.5	.1							8.9	8.0
WSW	1.4	.8	1.5	1.0								4.8	7.0
W	1.3	3.1	2.0	.8								7.2	6.2
WNW	2.4	3.0	2.1	.6	.6	.1						8.7	6.9
NW	1.5	2.0	2.5	2.7	.1	.1						9.0	8.3
NNW	1.0	2.3	2.0	1.0	.3							6.5	7.5
VARBL													
CALM												11.1	
	17.9	29.7	27.0	12.4	1.4	.3	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 710

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

2152

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

72-80	PATUXENT RIVER NAS MD	73-80	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	1.7	.6								5.6	6.0
NNE	.8	1.3	.6	.4								3.1	6.5
NE	.8	1.7	.3									2.8	4.7
ENE	.4	.8	.6	.3								2.1	6.7
E	.7	2.3	1.8	.1								4.9	6.2
ESE	1.1	.6	.1	.1								2.0	3.9
SE	1.1	.6	.1									1.8	3.9
SSE	1.1	1.6	.8	.8								4.4	6.3
S	1.3	.6	.7	.4								3.0	5.4
SSW	.7	1.6	2.1	1.8								6.2	7.9
SW	.7	2.5	2.5	3.1								8.9	8.6
WSW	1.1	.7	2.3	.7								4.8	7.3
W	2.3	4.1	2.1	.8								9.3	5.8
WNW	2.4	3.4	2.0	.7	.3	.6						9.3	7.2
NW	2.5	2.5	2.1	2.8								10.0	7.3
NNW	1.7	2.8	1.8	.4	.4	.1						7.3	6.7
VARBL													
CALM												14.4	
	19.9	29.3	21.7	13.3	.7	.7						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 709

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

...L CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

7... 40	PATUXENT RIVER NAS MD	73-80	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	1.1	.9	.1	.1						4.7	7.9
NNE	.3	1.4	1.6	.4								3.7	7.1
NE	.6	2.8	.9	.1								4.4	5.5
ENE	.9	.9	.4	.9	.1							3.1	7.5
E	.4	1.7	2.0	.6								4.7	7.2
ESE	.7	.6	.7			.1						2.1	6.5
SE	.7	1.1	.7									2.6	4.9
SSE	.7	1.1	2.0	.3								4.1	6.5
S	.3	.9	1.0	.1	.3							2.6	8.1
SSW	.7	1.1	1.6	1.3								4.7	7.6
SW	.9	1.4	2.3	1.7	1.0							7.3	9.8
WSW	1.3	1.0	1.7	2.0								6.0	8.3
W	1.3	3.4	2.7	.4	.1							8.0	6.4
WNW	2.8	3.7	3.7	1.4		.4						12.1	6.9
NW	2.0	3.5	3.6	3.8								12.7	8.3
NNW	1.1	2.6	2.8	1.1	.1							7.8	7.4
VARBL													
CALM												9.4	
	15.4	28.8	28.8	15.1	1.9	.7						100.2	6.7

TOTAL NUMBER OF OBSERVATIONS 702

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

2153

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.3	2.9	1.0	.3	.3						8.1	6.2
NNE	.4	2.6	1.8	.4	.1							5.4	7.3
NE	.1	1.6	2.0	.6								4.3	7.3
ENE	.6	2.1	.6	.4	.1							3.7	6.7
E	.6	2.7	.7	.4								4.4	6.2
ESE	.7	3.3	1.6	.1								5.7	5.5
SE	.9	1.3	3.3	.9								6.2	7.5
SSE	.4	1.6	1.4	1.6								5.0	7.9
S	.4	1.3	1.3	1.1								4.1	7.6
SSW	.1	.6	1.3	2.3		.1						4.4	10.8
SW	.6	.6	1.6	2.8	.3	.4						6.2	11.1
WSW	.3	1.3	1.8	1.7	.4	.1						5.7	10.0
W	.3	1.6	1.6	1.8		.1						5.4	9.3
WNW	.7	2.3	3.8	1.8	.1	.3	.1					9.2	9.2
NW	.4	2.8	4.5	5.4	.3		.1					13.6	10.1
NNW	.4	1.7	2.8	2.4	.1							7.5	9.2
VARBL													
CALM												1.1	
	7.4	30.2	32.9	24.8	1.8	1.4	.3					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 705

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

7... 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.3	2.8	1.7	1.1	.3							6.2	7.6
NNE	1.4	2.0	2.3	.8								6.5	6.6
NE	.7	2.8	2.1	.7								6.3	6.7
ENE	.6	1.3	.8	.1	.4							3.2	7.4
E	.7	2.0	1.5	.4								4.6	6.6
ESE	.6	4.2	3.0	.4								8.2	6.4
SE	.7	2.5	8.0	2.8								14.1	8.3
SSE	.4	1.0	3.0	3.2	.1							7.7	9.9
S	.1		.8	1.5								2.5	10.6
SSW	.3	.3	.4	1.3	.3							2.5	10.9
SW			1.0	2.3	.4							3.7	13.1
WSW	.1	.3	1.7	2.0	.3	.4						4.8	12.1
W		.3	2.0	2.5	.7							5.5	12.4
WNW		.7	1.8	2.7	.4	.1	.4					6.2	12.6
NW	.1	.8	4.6	5.2	1.0	.1						12.0	11.1
NNW	.4	1.1	2.4	1.4	.1		.1					5.6	9.5
VARBL													
CALM												.3	
	6.5	22.1	37.2	28.6	4.1	.7	.6					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 710

2154

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

...L MAL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.3	2.0	2.4	.7	.1							6.5	6.9
NNE	.3	2.7	2.0	.7								5.7	7.2
NE	.6	1.7	.3	.3								2.8	5.9
ENE	.4	.3	.3	.1	.3							1.4	8.1
E	.4	2.0	.6	.3	.1							3.4	6.3
ESE	.7	3.1	2.0	.1		.1						6.1	6.3
SE	.7	4.4	6.5	2.8								14.4	7.9
SSE	.6	3.1	7.5	6.5	.4							18.1	9.6
S		.7	2.1	.8	.1							3.8	9.6
SSW		.1	.6	1.1	.3							2.1	12.1
SW		.1	.6	1.3	.4							2.4	12.8
WSW		.4	1.6	.8	.3	.1						3.3	11.2
W		.4	2.5	2.0	.4	.1	.4					5.9	12.9
WNW		.6	2.4	1.4	.3	.3						5.0	11.0
NW	.4	1.0	4.0	5.4	.6	.3						11.6	11.2
NNW	.8	.4	2.3	2.1	.3	.1	.1					6.2	10.3
VARBL													
CALM												1.1	
	6.2	23.1	37.5	26.6	3.7	1.1	.6					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 706

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

...AL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

72...40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	2.0	.6								5.2	6.4
NNE	1.4	1.2	1.0	.1								3.7	5.1
NE	.6	.9	.4	.4								2.3	6.6
ENE	.7	.4	.4	.1								1.7	5.2
E	.7	.6	.4	.4								2.2	6.3
ESE	.7	.6	1.2	.4								...9	6.4
SE	1.4	3.3	1.9	1.2								...8	6.3
SSE	2.7	8.1	7.6	2.3								20.7	6.7
S	2.0	4.6	4.6	1.4	.1							12.8	6.8
SSW	.9	.4	.7	.4	.1							2.6	7.2
SW	.1	.6	1.0	.9	.1							2.7	9.3
WSW		1.0	.4	.1	.6							2.2	9.7
W	1.0	1.2	2.4	1.0		.1	.1					5.9	8.4
WNW	.6	1.2	.7	1.9	.4	.4						5.2	10.7
NW	.7	1.6	2.6	2.4	.4		.1					7.9	9.9
NNW	1.0	2.2	1.6	1.4	.4	.3						6.9	8.6
VARBL													
CALM												7.3	
	16.0	28.9	29.1	15.3	2.3	.9	.3					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 695

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

2155

L...AL CLIMATOLOGY BRANCH
...FETAC
4... WEATHER SERVICE/MAC

SURFACE WINDS

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

...40	PATUXENT RIVER NAS MD	73-80	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

≤100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.[illegible]	1.8	.4								5.7	6.1
NNE	1.1	1.0	.9	.1		.1						3.3	6.3
NE	.4	1.1		.1								1.7	5.1
ENE	.6	.6	.6									1.7	5.3
E	.4	1.3	1.6									3.3	6.6
ESE	1.3	1.3	1.0	.4								3.4	6.0
SE	1.0	2.3	.9		.1							4.3	5.3
SSE	1.4	4.3	3.8	.6	.1							10.2	6.4
S	2.7	5.8	3.8	.7								13.1	5.8
SSW	2.1	2.1	3.4	1.8								9.5	6.9
SW	1.4	1.7	1.0	1.1								5.3	6.5
WSW	.7	.6	.6	.4	.1							2.4	7.5
W	.6	1.7	1.7	1.0								5.0	7.4
WNW	1.7	1.1	1.6	1.1	.3	.6	.1					6.5	9.3
NW	1.6	.6	3.3	1.6	.3							7.3	8.4
NNW	1.1	1.4	3.4	1.0	.1	.1						7.3	7.9
VARBL													
CALM												10.1	
	19.3	28.6	29.3	10.5	1.1	.9	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 705

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

L AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7240	PATUXENT RIVER NAS MD	73-80	APR

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	1.9	.8	.1	.1						6.0	7.1
NNE	.8	1.6	1.4	.4	.0	.0						4.3	6.6
NE	.5	1.6	.8	.3	.0		.0					3.3	6.3
ENE	.5	.8	.5	.3	.1							2.3	6.8
E	.6	1.8	1.3	.3	.0							4.0	6.4
ESE	.9	1.8	1.3	.2		.0						4.1	6.0
SE	.9	2.1	2.8	1.0	.0							6.8	7.1
SSE	1.0	3.0	3.5	2.0	.1							9.6	7.7
S	1.2	2.2	1.9	.9	.1							6.2	6.8
SSW	.7	.9	1.7	1.5	.1	.0						4.9	8.4
SW	.5	1.2	1.7	1.8	.3	.1						5.7	9.4
WSW	.6	.8	1.5	1.1	.2	.1						4.2	9.1
W	.8	2.0	2.1	1.3	.2	.1	.1					6.5	8.3
WNW	1.3	2.0	2.3	1.5	.3	.4	.1					7.8	8.8
NW	1.2	1.8	3.4	3.7	.3	.1	.0					10.5	9.4
NNW	1.0	1.8	2.4	1.4	.2	.1	.0					6.9	8.3
VARBL													
CALM												6.9	
	13.6	27.6	30.4	18.3	2.1	.8	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 5640

2150

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

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...40	PATUXENT RIVER NAS MD	73-80	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	1.0	.1								3.4	5.1
NNE	.5	.8	1.5	.3	.1							3.3	7.6
NE	.5	1.9	.8	.1								3.4	5.4
ENE	.7	.8	.5	.1								2.2	5.8
E	1.0	1.9	.7									3.6	4.8
ESE	.8	1.5	.7	.1								3.1	5.7
SE	.9	2.0	1.2	.1								4.2	5.7
SSE	2.5	2.3	1.8	.4								6.6	5.5
S	3.7	4.5	4.1	1.1								13.4	5.9
SSW	1.2	2.9	3.0	1.5	.3							8.9	7.7
SW	1.6	2.2	3.7	1.1	.1							8.7	7.0
WSW	1.2	1.2	1.1	.7								4.0	6.4
W	2.3	2.6	1.1	.3								6.3	4.7
WNW	1.4	1.9	1.9	.5								5.2	6.0
NW	2.6	2.0	.7	.3								5.6	4.6
NNW	1.4	1.4	2.3	.8								5.9	6.8
VARBL													
CALM												12.3	
	22.7	31.3	25.5	7.7	.5							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 732

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

...AL CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

4D	PATUXENT RIVER NAS MD	73-80	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	1.8	.1								5.0	5.9
NNE	.7	1.7	2.3	.4								5.1	6.6
NE	.7	1.0	.6	.3								2.5	6.2
ENE	1.0	1.0	.3	.6								2.8	6.1
E	1.3	.5	1.0									2.5	5.2
ESE	.6	.8	1.0									2.3	5.7
SE	1.0	1.4	1.4	.1								3.9	5.8
SSE	1.5	1.2	1.7	.6								5.0	6.2
S	1.4	2.1	1.7	.3								5.4	5.7
SSW	1.5	2.5	4.8	1.2	.1							10.2	7.6
SW	1.5	1.5	2.8	1.5								7.3	7.0
WSW	1.8	1.5	.8	.4								4.6	5.0
W	3.4	3.0	1.5	.1								8.1	4.6
WNW	2.3	2.6	.8									5.8	4.2
NW	3.0	2.5	1.5	1.2								8.3	5.7
NNW	1.9	2.6	2.2	.3								7.0	5.6
VARBL													
CALM												14.5	
	24.7	27.6	26.1	7.2	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 725

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

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]40 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAY MONTH

ALL WEATHER CLASS | [illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.6	1.5	.4								6.1	5.5
NNE	.8	3.3	1.8	.7								6.6	6.2
NE	.4	1.4	1.0	.1								3.3	5.6
ENE	.4	1.5	1.2									3.2	5.7
E	1.1	1.4	1.1	.1								3.7	5.6
ESE	.3	1.1	.6	.1								2.1	6.1
SE	1.1	1.2	1.0	.1								3.5	5.2
SSE	1.2	2.2	1.4	.3	.1							5.2	6.1
S	2.2	2.3	1.5	.4	.1							6.6	5.6
SSW	.8	1.9	3.2	1.5	.1							7.6	7.9
SW	1.1	2.2	3.9	1.8	.1							9.1	7.9
WSW	.4	1.7	2.6	.3								5.0	6.8
W	1.9	4.1	1.8	.6								8.4	5.6
WNW	1.7	3.5	1.9	.7								7.7	5.9
NW	2.2	1.5	1.7	.8	.1							6.4	6.2
NNW	1.5	4.3	2.6	.6								9.0	5.9
VARBL													
CALM												0.5	
	18.8	36.7	28.7	8.6	.7							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 724

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

AL CLIMATOLOGY BRANCH
USAF
WEATHER SERVICE/MAC

SURFACE WINDS

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

46	PATUXENT RIVER NAS MD	73-80	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1900-1100
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	3.7	4.2	.5								12.5	6.1
NNE	1.5	4.9	3.0	.7								10.1	5.8
NE	.6	1.6	1.1									3.6	5.2
ENE	.4	1.2	.4									2.0	5.0
E	1.1	3.0	1.6	.1								5.9	5.5
ESE	1.1	3.0	1.6	.4								6.7	.7
SE	.7	2.9	5.9	.5								10.0	7.3
SSE	.5	1.4	2.5	1.0								5.1	7.9
S	.4	1.2	1.5	1.0								4.1	7.5
SSW	.1	1.2	3.7	1.4								6.4	8.5
SW	.5	.8	2.0	1.9	.3							5.6	9.4
WSW	.3	1.3	2.6	.7								4.5	8.2
W	.8	1.4	2.3	1.4	.1							6.0	8.1
WNW	1.3	1.8	2.2	.4								5.3	6.7
NW	.3	1.9	3.1	1.9	.3	.1						8.2	8.7
NNW	.7	1.8	1.2	.7								4.4	6.6
VARBL													
CALM												1.6	
	12.8	33.3	38.8	12.6	.7	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 732

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...4 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.	4.5	2.3									7.7	5.5
NNE	.7	4.3	2.6	.8								8.4	6.4
NE	.8	3.8	.8	.1								5.6	5.3
ENE	.3	.7	.7									1.6	6.0
E	.4	1.4	1.1	.3	.1							3.3	7.2
ESE	.7	3.8	3.0	.5								8.0	6.5
SE	.4	5.4	7.6	3.4	.3							17.1	8.4
SSE	.4	2.3	7.1	3.7	.1							13.6	9.1
S		1.1	1.4	1.0	.1							3.5	9.4
SSW	.1	.1	1.4	1.2	.4							3.3	11.0
SW	.1	1.0	1.6	1.0	.1							3.8	9.1
WSW		1.1	2.2	1.2	.1							4.6	9.7
W	.7	.5	1.4	.7								3.3	7.7
WNW	.5	1.6	2.2	.8								4.9	8.0
NW	.4	1.0	2.4	2.0	.3							6.1	9.7
NNW	.4	1.4	1.4	.5	.1							3.8	8.0
VARBL													
CALM												1.4	
	6.7	34.0	39.0	17.3	1.8							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 736

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

L...AL CLIMATOLOGY BRANCH
...TAC
A... EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...4...	PATUXENT RIVER NAS MD	73-80	MAY

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	3.4	1.4	.3								6.7	5.1
NNE	1.6	4.5	2.5	.3								8.9	5.6
NE	1.1	1.6	.4	.3								3.4	5.2
ENE	1.0	1.2	.5									2.7	4.9
E	.8	.7	.4	.5								2.5	5.9
ESE	.4	3.6	2.7	.3								7.0	6.4
SE	.7	4.7	6.6	2.9								14.8	8.0
SSE	.4	4.3	9.3	6.9	.3							21.2	9.5
S	.1	1.1	2.2	2.2	.1							5.8	9.5
SSW	.3	.3	1.6	1.0								3.2	9.1
SW		.9	1.2	1.5	.1							3.7	9.9
WSW	.3	.4	1.9	.4								3.0	8.1
W	.3	1.8	1.9	.5								3.7	7.9
WNW	.1	.7	1.1	.4	.5							2.9	10.0
NW	.4	1.4	2.5	1.2	.1							5.6	8.2
NNW	.3	1.4	1.6	.7	.3							4.3	8.3
VARBL													
CALM												.5	
	9.5	31.0	38.0	19.4	1.5							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 728

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

...TAL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...(4) PATUXENT RIVER NAS MD | 73-80 | MAY
STATION | STATION NAME | YEARS | MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.7	1.1	.4								6.2	4.6
NNE	1.9	1.5	.6	.3	.1							4.4	4.9
NE	.6	.6	.7	.1								1.9	5.6
ENE	.7	1.0	1.1									2.8	5.6
E	1.0	1.0	1.4									3.3	5.7
ESE	1.5	1.5	.8	.3								4.1	5.0
SE	2.2	4.0	1.8	.6								8.6	5.4
SSE	1.9	7.9	8.4	2.2								20.4	7.2
S	2.9	6.2	4.7	1.4								15.2	6.1
SSW	.3	1.9	1.1	.4								3.7	6.4
SW	1.4	2.2	1.2	.6								5.4	5.9
WSW	.4	1.2	.6	.6								2.8	6.8
W	1.4	.8	.3									2.5	4.2
WNW	.8	1.1	.7									2.6	5.0
NW	1.4	1.0	.3	.3								2.9	5.0
NNW	1.0	1.5	1.4	.1								4.0	5.7
VARBL													
CALM												9.2	
	22.3	35.0	26.1	7.2	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 725

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

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

... 340 — PATUXENT RIVER NAS MD — 73-80 — MAY
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.2	.5	.1								2.9	4.8
NNE	.5	.3	.8	.1								1.8	6.2
NE	.3	1.4	1.1									2.7	6.0
ENE	1.0	.7	1.0									2.6	4.6
E	.4	2.1	1.6									4.2	6.3
ESE	1.2	1.0	.8	.1								3.2	5.1
SE	1.0	2.7	1.4	.1								5.2	5.7
SSE	2.9	4.4	3.3	1.0								11.5	6.0
S	5.3	6.3	5.3	.8								18.2	5.4
SSW	2.9	2.3	2.1	.4								7.7	5.3
SW	1.5	3.4	1.8	.5								7.3	5.8
WSW	1.4	1.9	.5	.5								4.4	5.6
W	1.3	1.1	1.5									4.4	5.0
WNW	1.4	1.6	1.0									4.0	4.9
NW	1.5	.8	.5	.3								3.2	4.9
NNW	1.4	1.5	1.5	.3								4.7	5.7
VARBL													
CALM												12.2	
	25.8	32.1	24.9	4.4								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 730

2160

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

...L CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

7... 40	PATUXENT RIVER NAS MD	73-80	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.5	1.7	.3								6.1	5.4
NNE	1.0	2.7	1.9	.4	.0							6.1	6.1
NE	.7	1.7	.8	.1								3.3	5.5
ENE	.7	1.0	.7	.1								2.5	5.5
E	.8	1.5	1.1	.1	.0							3.6	5.8
ESE	.8	2.1	1.4	.2								4.6	5.9
SE	1.0	3.1	3.4	1.0	.0							8.4	7.1
SSE	1.3	3.2	4.4	2.0	.1							11.1	7.7
S	2.1	3.1	2.8	1.0	.1							9.0	6.3
SSW	.9	1.6	2.6	1.1	.1							6.4	7.7
SW	1.0	1.8	2.3	1.2	.1							6.4	7.5
WSW	.7	1.3	1.5	.6	.0							4.1	7.1
W	1.6	1.8	1.5	.4	.0							5.3	5.9
WNW	1.1	1.9	1.4	.4	.1							4.8	6.2
NW	1.5	1.5	1.6	1.0	.1	.0						5.8	6.9
NNW	1.1	2.0	1.8	.5	.1							5.4	6.4
VARBL													
CALM												7.3	
	17.9	32.1	30.9	10.5	.7	.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 5632

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

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

MD | PATUXENT RIVER NAS MD | 73-80 | JUN
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6		.3								1.3	5.3
NNE	.1	1.3		.1								1.6	5.5
NE	.4	1.6	.8	.3								3.1	6.4
ENE	.3	1.0	.7									2.0	5.7
E	.7	.8	1.3	.1								3.0	5.8
ESE	.6	.6	.7	.1								2.0	5.6
SE	.4	.3	.1	.1								1.6	5.1
SSE	1.7	3.1	.6									5.4	4.4
S	4.8	6.2	4.4	.8								16.2	5.3
SSW	1.7	2.7	4.2	1.3								9.9	7.0
SW	1.6	4.9	5.6	.6								13.0	6.5
WSW	.6	3.1	2.4	.3								6.4	6.2
W	2.1	4.0	1.3	.1								7.5	4.8
WNW	2.7	2.3	.8									5.8	4.3
NW	2.3	1.3		.1	.6							4.2	5.3
NNW	2.3	2.1	1.4	.5								6.1	5.0
VARBL													
CALM												11.2	
	22.9	36.3	29.4	4.7	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 708

2161

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

[illegible] CLIMATOLOGY BRANCH
[illegible] USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.7	.7									2.7	5.5
NNE	.3	1.0	.8	.1								2.3	6.6
NE	.1	1.3	1.3	.4								3.1	7.0
ENE		.7	.8									1.6	6.5
E	.8	1.4	.6									2.8	4.8
ESE	.6	.4	.3	.6								1.8	7.6
SE	.6	.3	.1									1.0	3.3
SSE	1.3	1.3	.1									2.7	3.9
S	3.7	3.0	2.1	.7								9.5	5.2
SSW	1.6	3.2	3.0	1.0								8.8	6.4
SW	1.4	4.9	6.2	1.3								13.8	6.9
WSW	1.3	2.4	2.0	.7								6.4	6.2
W	4.1	4.8	1.0	.4								10.3	4.5
WNW	2.8	4.5	1.0	.4								8.8	4.6
NW	1.8	2.5	.4	.1								4.9	4.4
NNW	2.3	1.3	1.6	.4								5.2	5.6
VARBL													
CALM												14.4	
	22.6	34.7	22.0	6.2								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 708

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] EATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 75-80 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.9	.9	.1								4.2	4.8
NNE	.6	1.4	2.4	.3								4.7	6.7
NE	.6	1.1	1.0									2.7	5.5
ENE	.6	2.2	1.0									3.7	5.5
E	1.0	1.0	.1	.1								2.3	4.3
ESE	.4	1.0	1.4	.3								3.2	6.9
SE	.6	1.0	.3	.1								2.0	5.1
SSE	.9	1.0	1.6	.1								3.6	6.0
S	1.9	3.0	2.0	.7								7.6	5.8
SSW	1.5	2.6	2.9	.5								7.0	6.2
SW	1.4	3.0	5.0	2.9								12.4	7.8
WSW	.4	2.9	3.2	1.0								7.5	7.6
W	1.9	3.6	2.0	.1								7.6	5.3
WNW	1.1	4.9	1.6	.4	.1							8.2	5.8
NW	3.0	2.9	2.6	.6								9.1	5.4
NNW	1.3	3.0	1.6	.4								6.3	5.8
VARBL													
CALM												7.9	
	18.2	36.5	29.6	7.6	.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 696

2162

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

L. PAL CLIMATOLOGY BRANCH
-FETAC
A.. WEATHER SERVICE/MAC

SURFACE WINDS

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

7.. 4U	PATUXENT RIVER NAS MD	73-80	JUN
STATION	STATION NAME	YEARS	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	2.1	3.4	.4								7.0	6.6
NNE	1.4	2.9	2.8	.3								7.4	6.1
NE	.8	2.5	1.0	.1								4.5	5.7
ENE	.7	1.7	1.0	.1								3.5	5.6
E	1.1	2.5	.6	.1								4.4	4.8
ESE	.8	3.8	2.2	.3								7.2	6.0
SE	.4	3.1	4.8	.6								8.8	7.2
SSE	.4	2.0	2.2	.6								5.2	7.1
S	1.0	1.3	2.7	.6								5.5	7.0
SSW	.4	1.4	3.1	.7								5.6	7.7
SW	.3	.6	3.2	1.5								5.6	9.0
WSW	.4	1.8	4.1	2.0								8.3	8.7
W	1.7	2.8	2.9	.4								7.9	6.2
WNW	1.0	2.7	1.5	.4								5.6	6.3
NW	.7	1.7	2.5	2.4								7.3	8.4
NNW	.6	2.0	1.5	.3								4.4	6.2
VARBL													
CALM												1.8	
	12.9	34.8	39.6	10.8								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 712

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... EATHER SERVICE/MAC

SURFACE WINDS

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

...340 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.6	2.5	2.5	.8								6.5	6.9
NNE	.8	3.5	2.1	.3								6.8	5.8
NE	.5	2.1	1.6	.3								4.5	6.3
ENE	.7	1.0	.9	.3								2.4	5.7
E	.6	2.4	.4	.1								3.8	4.6
ESE	1.3	4.5	1.8	.4								8.1	5.8
SE	.3	6.4	9.3	4.0								19.9	8.3
SSE	.6	2.1	5.8	2.7								11.2	8.6
S	.4	1.1	2.8	.6								4.9	7.6
SSW		1.1	1.3	1.0								3.4	8.5
SW	.1	.7	3.8	1.6								6.2	9.4
WSW	.3	1.3	2.7	1.1								5.4	8.6
W	.2	1.3	.8	.7								3.1	7.7
WNW	.3	1.6	1.6	1.0	.1							4.5	8.4
NW	.6	1.5	2.3	1.8								5.9	8.5
NNW	.8	1.4	.8	.3								3.0	5.5
VARBL													
CALM												.4	
	8.5	34.3	39.7	16.9	.1							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 708

2163

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

...PL CLIMATOLOGY BRANCH
...TAC
...ERVICE/MAC

SURFACE WINDS

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

... | PATUXENT RIVER NAS MD | 73-80 | JUL
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.5	.8									5.1	5.4
NNE	.6	1.8	2.5	.3								5.2	6.5
NE	1.7	2.8	1.1									5.6	4.6
ENE	.3	.7	.8	.1								2.0	6.8
E	1.2	2.0	.8	.6								4.4	6.1
ESE	1.1	2.4	.6	.6								4.7	5.5
SE	.1	4.1	7.8	3.8								15.8	8.5
SSE	.4	4.4	12.1	5.2	.1							22.3	8.7
S	.4	1.4	2.7	1.1								5.6	8.1
SSW		.5	1.7	1.4	.1							3.5	10.5
SW	.1	.1	2.3	1.4	.3							4.2	10.6
WSW		.4	2.3	1.3								4.4	9.2
W	.1	1.1	2.4									3.7	7.3
WNW	.7	1.1	.7	.7	.4							3.7	8.3
NW	.5	.8	2.0	2.0	.1							5.2	9.9
NNW	.4	1.9	1.4	.4								4.1	6.5
VARBL													
CALM												.6	
	7.8	29.6	42.0	19.9	1.1							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 709

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

...CLIMATOLOGY BRANCH
...
...WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
4[illegible]	PATUXENT RIVER NAS MD	73-80	JUN

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.7	.4	.1								4.6	4.[illegible]
NNE	1.1	1.3	1.1									3.6	5.[illegible]
NE	1.4	1.1	.7									3.3	4.5
ENE	.4	1.3	.7	.3								2.7	5.9
E	.5	1.1	.6	.3								2.6	5.8
ESE	1.2	.4	.9	.4								2.7	6.3
SE	.9	1.4	1.8	.4								4.5	6.3
SSE	2.3	7.7	9.8	1.3								21.1	6.7
S	3.4	11.7	5.7	.6	.3							21.6	5.9
SSW	1.7	3.1	2.4									7.1	5.5
SW		1.4	1.6	.7								3.7	8.1
WSW		.6	1.3	.3								2.1	8.1
W	1.0	2.0	.4	.3								3.7	5.3
WNW	.4	.9	.0	.7								3.3	6.6
NW	.1	.4	.9	.4								2.8	6.2
NNW	1.1	1.1	1.3	.4								4.5	5.4
VARBL													
CALM												5.1	
	18.8	38.5	30.4	6.3	.3							1[illegible].3	5.7

TOTAL NUMBER OF OBSERVATIONS: 7[illegible]

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE, MAC

SURFACE WINDS

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

...	PATUXENT RIVER NAS MD	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0100-2300
HOURS (L.S.T.)

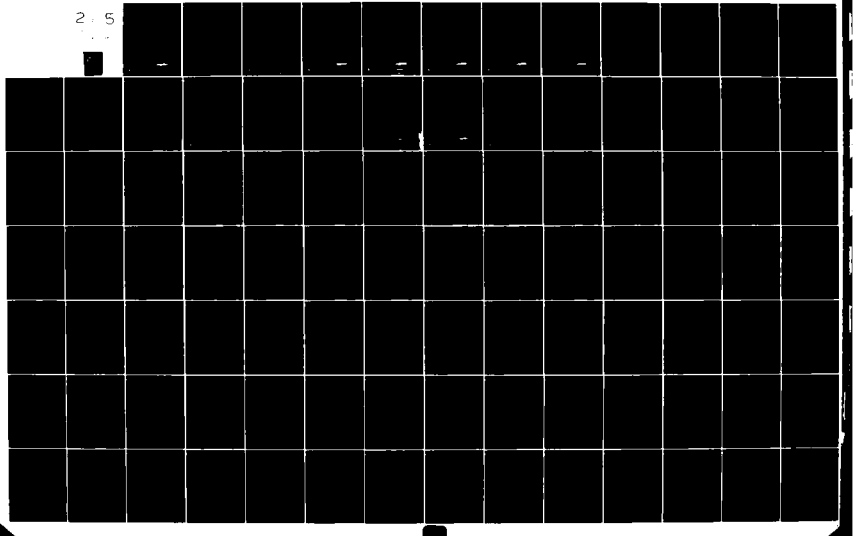
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0			.1								1.1	3.6
NNE	.6	1.1	.4									2.1	5.0
NE	1.1	1.5	.8									3.4	4.6
ENE	.7	.7	1.0	.1								2.5	5.9
E	.6	.7	2.0	.1								3.4	6.6
ESE	.1	.7	.6	.4								1.8	7.5
SE	.8	1.0	1.1	.3								3.0	6.7
SSE	2.3	4.6	2.8	.4								10.0	5.6
S	5.5	11.1	6.9	.3								24.6	5.3
SSW	3.7	3.8	4.1	1.0								12.5	5.9
SW	2.3	2.1	3.2	.7								8.3	6.2
WSW	.8	1.5	1.1	.4								3.9	6.2
W	1.3	2.1	.7	.1								4.2	4.8
WNW	1.3	1.8	.4	.4								3.7	5.7
NW	2.0	1.7	.4									4.1	4.0
NNW	.7	1.5	1.4	.3								4.2	6.2
VARBL													
CALM												7.2	
	24.6	36.4	27.0	4.8								12.9	5.3

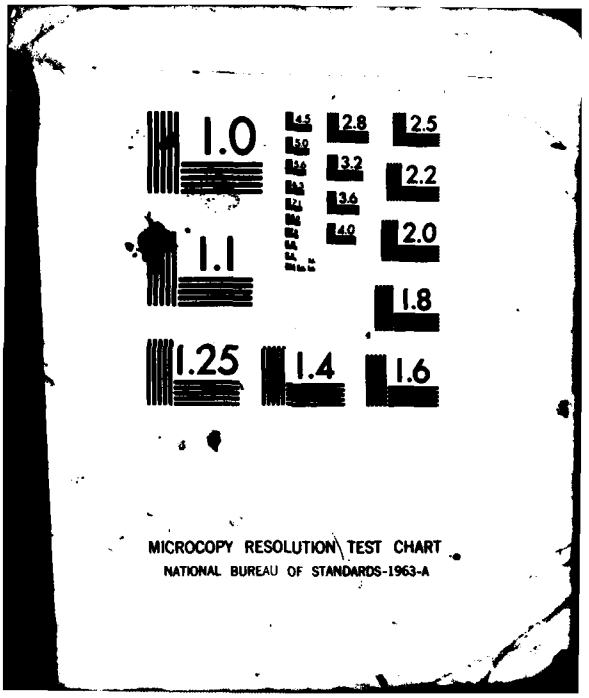
TOTAL NUMBER OF OBSERVATIONS 711

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

AD-A116 097 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PATUXENT RIVER NAS, MARYLAND. REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
MAY 82

UNCLASSIFIED USAFETAC/DS-82/029 SBI-AD-E850 174 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.9	1.8	1.1	.2								4.0	5.6
NNE	.7	1.8	1.5	.2								4.2	6.0
NE	.8	1.8	1.0	.1								3.8	5.5
ENE	.5	1.1	.8	.1								2.5	5.8
E	.8	1.5	.8	.2								3.3	5.4
ESE	.7	1.7	1.1	.4								3.9	6.2
SE	.5	2.3	3.2	1.2								7.1	7.6
SSE	1.2	3.3	4.4	1.3	.0							10.2	7.1
S	2.8	4.8	3.7	.7	.0							12.0	5.8
SSW	1.3	2.3	2.8	.8	.0							7.2	6.8
SW	.9	2.2	3.9	1.3	.0							8.4	7.6
WSW	.5	1.8	2.4	.9								5.5	7.6
W	1.6	2.7	1.5	.3								6.0	5.4
WNW	1.3	2.5	1.1	.8	.1							5.4	6.0
NW	1.4	1.6	1.4	.9	.1							5.4	6.7
NNW	1.1	1.9	1.3	.4								4.7	5.8
VARBL													
CALM												6.1	
	17.0	35.2	31.9	9.8	.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 5655

USAFETAC FORM AK 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)

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.4	.3	.1	.1							1.8	5.8
NNE	.7	1.1	.3	.1								2.2	4.8
NE	.7	.8	.3									1.8	4.5
ENE	1.2	.5										1.8	2.9
E	.7	1.1	.5	.3								2.6	5.3
ESE	.3	1.1	.1	.3								1.8	5.9
SE	.4	.1	.4									1.0	5.3
SSE	1.8	1.2	.7	.1								3.8	4.6
S	5.5	6.0	1.6	.8	.1							13.9	4.7
SSW	2.3	3.7	3.6	.8								10.2	5.9
SW	2.1	5.2	6.7	.7								14.7	6.3
WSW	1.8	2.9	1.8	.5								7.0	5.7
W	2.2	4.8	1.5	.1								8.7	5.1
WNW	2.5	2.6	.8	.4								6.3	4.6
NW	1.9	2.5	.4									4.8	4.1
NNW	1.2	2.2	.8									4.3	4.7
VARBL													
CALM												13.5	
	26.1	36.4	19.9	3.8	.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 728

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.0	.3									1.9	4.4
NNE	1.2	1.0	1.0	.7	.1							4.8	6.6
NE	1.1	1.1	1.1									3.3	5.3
ENE	1.2	.8	.1									2.2	3.8
E	1.1	.8	.4	.3								2.6	5.4
ESE	.4	.1	.1									.7	4.0
SE	.5	...	.3									.8	4.2
SSE	1.1	.8	.1									2.0	3.7
S	1.9	1.6	1.0	.8								4.9	4.9
SSW	2.2	2.2	2.6	1.4								8.3	6.7
SW	1.9	5.6	4.8	.7								12.9	6.3
WSW	2.0	5.3	1.6	.5								9.5	5.4
W	5.2	4.3	.5	.1								12.1	4.0
WNW	4.8	2.9	1.6									9.3	4.2
NW	3.1	2.3	1.2									6.7	4.4
NNW	2.3	2.2	.7									5.2	4.2
VARBL													
CALM												12.9	
	30.7	38.7	17.9	4.1	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 735

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

2166

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
Air WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.8	.1								3.6	4.9
NNE	1.0	2.2	2.8	.3								6.2	6.5
NE	1.1	2.6	1.5	.1								5.4	5.4
ENE	.8	1.7	.3	.1								2.9	4.8
E	.8	.8	.7	.4								2.8	6.3
ESE	.6	.1	.1									.8	3.3
SE	.4	.6	.1									1.1	4.0
SSE	1.0	.6										1.5	3.5
S	1.8	2.1	1.0	.1								5.0	4.8
SSW	1.4	2.1	2.2	1.2	.1							7.0	7.5
SW	1.5	3.3	4.0	1.5								10.3	7.0
WSW	1.4	3.4	3.2	1.1								9.1	6.5
W	3.4	5.9	2.3	.2								12.0	4.8
WNW	4.3	4.7	1.4	.6								10.9	4.6
NW	1.9	4.4	1.7	.7								8.7	5.7
NNW	1.8	3.0	.4	.1								5.4	4.6
VARBL													
CALM												7.3	
	24.4	38.9	22.5	6.8	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 725

USAFETAC FORM AM 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)

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

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

(CEILING)

(VISIBILITY)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.1	2.4	.4								7.3	6.0
NNE	1.5	4.6	2.6	.4								9.1	5.9
NE	.8	2.2	.4	.1								3.5	4.6
ENE	.7	2.0	.1									2.9	4.2
E	1.2	1.6	1.5	.1								4.5	5.5
ESE	1.4	3.8	1.5	.5								7.2	5.7
SE	1.0	2.4	2.3	.1								5.9	6.0
SSE	.4	.7	1.1	.1								2.3	6.8
S	.8	2.9	1.6	.4								5.7	6.1
SSW	.7	1.2	2.7	1.8								6.1	8.3
SW	.4	2.0	2.4	1.8	.1							6.8	8.5
WSW	1.0	1.9	2.9	1.1								6.3	7.3
W	1.2	3.7	1.6	.4								6.9	5.6
WNW	2.0	3.9	1.8	.3	.1							8.2	5.3
NW	2.0	3.1	2.0	1.2								8.4	6.2
NNW	1.5	2.2	1.0	.1								4.8	5.0
VARBL													
CALM												4.1	
	18.0	41.0	28.0	8.7	.3							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 735

USAFETAC FORM 0-8-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2167

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.0	2.3	.4								7.1	5.8
NNE	1.4	3.7	2.5									7.5	5.7
NE	1.8	2.3	1.0									5.1	4.6
ENE	1.5	2.3										3.8	4.0
E	1.6	1.2	.4									3.3	4.2
ESE	1.9	5.6	3.0	.3								10.8	5.5
SE	.1	4.9	7.8	2.3								15.2	7.9
SSE	.5	3.7	2.6	1.2								8.1	7.1
S	.5	1.9	2.6	1.9								7.0	8.2
SSW	.5	1.5	1.9	.8								4.8	7.4
SW		.8	1.5	1.0								3.3	8.7
WSW	.4	1.1	2.9	.8								5.2	7.9
W	.3	1.9	2.1	.5								4.8	7.2
WNW	.5	.4	1.2	.8								3.0	7.6
NW	.7	2.1	1.2	.7								4.7	6.5
NNW	.8	1.6	1.8	.3								4.5	6.2
VARBL													
CALM												1.8	
	14.1	38.2	34.8	11.1								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 730

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)

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.1	1.8	.1								6.0	5.5
NNE	1.8	3.6	2.5									7.8	5.2
NE	.5	1.9	.7									3.1	5.0
ENE	.8	1.0	.3									2.1	4.3
E	1.0	1.4	.8									3.1	5.1
ESE	1.9	4.5	1.6	.4								7.9	5.8
SE	1.4	5.7	8.3	2.3	.3							18.1	7.7
SSE	1.1	4.0	8.9	3.3								17.2	8.2
S	.7	2.6	2.6	.8								6.7	6.9
SSW		1.1	1.8	.7	.1							3.7	8.7
SW	.3	1.2	2.2	.7		.1						4.5	8.3
WSW	.1	1.2	1.5	.3	.3							3.4	8.2
W		1.6	3.3	.4								5.3	7.7
WNW	.1	1.1	2.1	.5								3.8	7.8
NW	.7	.7	1.1	.5								3.0	7.1
NNW	.4	1.2	1.0		.1							2.7	6.6
VARBL													
CALM												1.4	
	11.2	36.0	40.4	10.1	.8	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 731

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

2168

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	1.7	1.0	.4	.1							5.8	5.4
NNE	1.4	1.4	1.0									3.7	4.7
NE	.7	.1	.1	.1								1.1	5.1
ENE	.4	.3	.3	.1								1.1	5.1
E	.7	1.8	.1	.1								2.8	4.7
ESE	.7	1.1	.8									2.6	5.4
SE	1.4	2.9	1.0	.1								5.4	5.2
SSE	2.8	7.2	5.5	1.5								16.9	6.3
S	5.9	11.6	4.4	.3								22.1	4.9
SSW	1.5	3.6	1.5	.6								7.2	5.7
SW	.4	2.2	.8	.4	.1							4.0	6.7
WSW	.4	1.7	1.2	.6								3.9	6.6
W	.3	1.4	.7	.3	.1							2.8	6.8
WNW	.3	1.5	1.4	.1		.1						3.4	7.0
NW	2.1	1.0	.8	.1								4.0	4.6
NNW	1.2	1.2	.3	.3	.1							3.2	5.4
VARBL	...	...	...	...	...								
CALM												10.2	
	22.7	40.4	20.9	5.1	.6	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 727

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)

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.5		.4								2.2	4.9
NNE	.8	1.2	.1	.1								2.3	4.9
NE	.5	.5	.1									1.2	4.2
ENE	.4	1.0										1.4	4.2
E	.7	.7	.5	.1								2.1	5.1
ESE	.7	1.4	.7	.3								3.0	6.0
SE	.3	.4	1.1	.3								2.1	7.6
SSE	1.2	2.2	1.4	.3	.3							5.3	6.4
S	7.3	11.9	2.5	1.0								22.6	4.7
SSW	2.2	6.0	3.3	.4								11.9	5.6
SW	2.7	5.2	1.8	1.0								10.7	5.5
WSW	1.6	2.5	.3									4.4	3.9
W	1.1	2.3	.7									4.1	5.0
WNW	1.1	2.1	1.4									4.5	5.2
NW	1.6	.5	.4	.1								2.7	4.5
NNW	.8	1.5	.8	.3								3.4	5.3
VARBL													
CALM												16.0	
	24.8	50.0	15.1	3.2	.3							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 730

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

2169

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.3	1.8	1.1	.3	.0							4.5	5.5
NNE	1.2	2.4	1.6	.2	.0							5.5	5.7
NE	.9	1.5	.7	.1								3.1	4.9
ENE	.9	1.2	.1	.0								2.3	4.2
E	1.0	1.2	.6	.2								3.0	5.2
ESE	.9	2.2	1.0	.2								4.4	5.6
SE	.7	2.1	2.7	.7	.0							6.2	7.1
SSE	1.2	2.5	2.5	.8	.0							7.2	6.7
S	3.0	5.1	2.2	.7	.0							11.0	5.3
SSW	1.4	2.7	2.4	.9	.0							7.4	6.7
SW	1.2	3.2	3.0	1.0	.0	.0						8.4	6.8
WSW	1.1	2.4	1.9	.6	.0							6.1	6.3
W	1.7	3.5	1.6	.3	.0							7.1	5.4
WNW	2.0	2.4	1.5	.3	.0	.0						6.2	5.3
NW	1.8	2.1	1.1	.4								5.4	5.4
NNW	1.3	1.9	.8	.1	.0							4.2	5.1
VARBL													
CALM												8.4	
	21.5	38.2	24.9	6.7	.3	.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 5891

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

...AL CLIMATOLOGY BRANCH
...METAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

72-040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.4	.3									1.5	4.1
NNE	.4	.7	.3									1.4	4.6
NE	1.2	.8	.3	.3								2.6	4.8
ENE	1.1	1.9	.5	.1								3.7	4.9
E	1.9	1.4	.7									4.0	4.2
ESE	.4	.3	.5	.1								1.4	6.1
SE	1.0	.8	.1									1.9	4.1
SSE	1.2	1.0	.7	.1								3.0	5.0
S	5.5	6.0	.5	.4								12.5	4.1
SSW	1.9	5.2	3.7	1.2								12.1	6.2
SW	2.3	6.2	3.7	1.9								14.1	6.5
WSW	1.5	1.6	1.5	.4								5.1	5.6
W	4.7	3.2	1.1	.1								9.1	3.9
WNW	3.2	2.6										5.8	3.5
NW	1.8	1.2	1.2									4.3	4.9
NNW	2.7	1.6	1.5	.1								6.0	4.7
VARBL													
CALM												11.7	
	31.7	35.0	16.7	4.9								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 729

2170

USAFETAC FORM AUL 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)

72-940 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.4	.6	.4								2.5	5.7
NNE	1.0	1.0	.7	.3	.1							3.0	6.5
NE	.8	1.1	.8	.1								2.9	5.6
ENE	.7	1.5	.6	.3								3.0	5.3
E	1.0	1.1	.4	.1								2.6	4.9
ESE	.1	.3	.4	.3								1.1	7.9
SE	.7	.3										1.0	3.3
SSE	.8	.1										1.0	2.7
S	2.9	2.5	.7	.3								6.3	4.2
SSW	2.9	3.9	2.6	.8								10.2	5.5
SW	2.9	4.3	5.2	.7								13.1	6.2
WSW	2.2	4.0	1.4	.4								8.0	5.4
W	5.0	5.8	.8									11.6	3.9
WNW	2.9	3.6	.4									6.9	4.2
NW	2.3	1.5	.8									4.7	4.1
NNW	3.3	2.6	1.2	.1								7.3	4.5
VARBL													
CALM												14.9	
	30.6	33.9	16.7	3.9	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 726

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

724340 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.0	.4	.1								2.9	4.6
NNE	.6	2.1	.4	.3								3.3	5.6
NE	.4	2.4	1.8	.1								4.7	5.9
ENE	.6	2.2	1.1	.1								4.0	5.9
E	.8	1.4	.7	.3								3.2	5.7
ESE	.3	.4	.6									1.3	6.4
SE		.4	.4									.8	6.7
SSE	1.1	.4	.1									1.7	3.2
S	1.7	2.1	1.0	.3								5.0	5.0
SSW	2.6	2.5	2.2	1.3								8.6	6.2
SW	1.7	4.6	4.5	.8								11.6	6.5
WSW	1.8	5.0	4.5	.1								11.4	5.9
W	4.2	7.1	.4									11.7	4.0
WNW	2.2	3.8	.4									6.4	4.1
NW	1.5	4.3	2.4									8.2	5.2
NNW	2.4	1.8	1.8									6.0	5.0
VARBL													
CALM												9.1	
	23.3	51.5	22.7	3.5								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 718

2171

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)

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	5.3	2.6	.1								11.2	5.1
NNE	1.6	4.9	1.1	.1								7.8	5.0
NE	1.0	1.6	1.0	.4								4.0	5.9
ENE	1.0	2.0	1.4	.1								4.5	5.5
E	.8	2.7	.4	.3								4.2	5.4
ESE	1.0	2.2	1.4	...								4.5	5.3
SE	1.0	1.6	1.0	.7								4.2	6.3
SSE	.4	1.1	1.2									2.7	5.8
S	.8	1.1	2.0	.7								4.6	7.1
SSW	.4	2.2	2.0	1.8								6.4	8.1
SW	1.0	2.7	4.6	1.2								9.5	7.5
WSW	.7	2.7	3.1	1.2								7.8	7.1
W	2.6	3.1	2.9	.3								8.9	5.5
WNW	2.6	2.9	1.0									6.4	4.3
NW	1.8	2.7	1.0	.1								5.6	5.0
NNW	1.5	2.3	1.6	.1								5.6	5.4
VARBL													
CALM												2.2	
	21.1	41.5	28.2	7.2								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 734

USAFETAC FORM AA 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)

72[illegible]40 (STATION) | PATUXENT RIVER NAS MD (STATION NAME) | 73-80 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	4.0	1.8									8.1	4.9
NNE	1.2	5.4	1.7	.6								8.8	5.7
NE	1.5	2.6	.4	.1								4.7	4.5
ENE	1.7	3.0	.7		.1							5.5	4.9
E	1.1	3.0	.6	.6								5.2	5.7
ESE	1.1	3.3	1.5	.6								6.5	5.7
SE	.8	5.1	4.4	2.8								13.1	7.8
SSE	.3	1.7	3.4	2.2	.1							7.7	9.0
S	.7	1.8	2.3	.7								5.5	7.2
SSW	.4	1.0	3.2	1.1								5.6	8.3
SW	.3	.4	1.9	1.4								4.0	9.4
WSW	.4	1.8	2.3	.8								5.4	7.7
W	1.5	1.7	1.9	.1								5.2	5.7
WNW	.6	2.6	1.7									4.8	5.9
NW	.6	1.7	1.2	.7								4.1	7.0
NNW	1.1	1.5	1.0	.1								3.7	5.4
VARBL													
CALM												2.1	
	15.5	40.9	30.0	11.7	.3							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 727

USAFETAC FORM AR 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

02172

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	4.3	.7	.1	.1							7.6	4.7
NNE	1.5	3.6	1.0	.3								6.3	5.0
NE	1.1	2.5	.3									3.9	4.4
ENE	1.2	.7	.4									2.3	4.2
E	2.2	3.2	.8	.6								6.7	5.1
ESE	1.8	2.6	1.2	.4								6.1	5.3
SE	1.2	5.1	5.0	3.0								14.3	7.7
SSE	.8	5.1	5.6	3.9	.3							15.7	8.3
S	1.1	3.2	2.6	1.0								7.9	6.8
SSW	.3	1.0	1.7	.7								3.6	7.8
SW	.1	1.4	2.3	.4								4.3	7.3
WSW	.3	1.7	1.1	.4	.1							3.6	7.2
W	.4	2.1	1.0	.3	.1							3.9	6.7
WNW	.3	1.2	1.5	.3								3.3	6.8
NW	.8	1.7	.8	.4								3.7	6.2
NNW	2.1	1.9	.7									4.7	4.4
VARBL													
CALM												2.2	
	17.6	41.0	28.7	11.7	.7							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 726

USAFETAC FORM AA 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72-140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.4	1.0									4.7	4.2
NNE	1.7	.6		.1								2.3	3.4
NE	.3	.6	.3	.4								1.5	7.2
ENE	.7	.1	1.0									1.8	6.1
E	1.0	2.3	.8	.1								4.3	5.2
ESE	1.5	1.4	.6									3.5	4.2
SE	.7	2.9	1.2	.6								5.4	6.3
SSE	2.5	4.1	3.0	.8								10.5	6.0
S	1.6	12.8	5.5	.4								26.4	5.0
SSW	1.5	3.9	2.2	.3								7.9	5.4
SW	1.8	2.2	.7	.3								5.0	4.9
WSW	1.1	1.7	.1									2.9	4.2
W	.6	2.2	.8	.1								3.7	5.4
WNW	1.1	.6	.4									2.1	4.3
NW	1.4	1.1	.3									2.8	4.0
NNW	2.8	1.8	.7	.1								5.4	4.3
VARBL													
CALM												9.9	
	28.5	39.6	18.6	3.3								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 724

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

2173

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.5	.8	.3	.1								1.8	4.9
NNE	.7	.4	.1									1.2	4.0
NE	.7	.3	.5									1.5	5.0
ENE	.4	1.0	1.1	.1								2.6	6.5
E	.4	3.1	1.0	.3								4.8	5.4
ESE	.1	1.4	.7	.1								2.3	5.9
SE	.8	1.4	1.5	.5								4.2	6.2
SSE	1.1	3.1		.3								4.5	4.8
S	8.7	9.0	3.3									21.0	4.3
SSW	3.9	6.5	4.1									14.6	5.3
SW	3.1	4.1	1.9	.3								9.4	4.9
WSW	1.8	1.5	.8	.3								4.4	4.9
W	1.6	1.4	1.8									4.8	5.1
WNW	1.5	1.0	.4									2.9	4.1
NW	1.8	1.0	1.0									3.7	4.7
NNW	2.3	1.6	.8	.1								4.9	4.4
VARBL													
CALM												11.7	
	29.5	37.9	19.2	2.2								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 735

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AUG (MONTH)

ALL WEATHER (GRADE) ALL (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.2	.9	.1	.0							5.0	4.8
NNE	1.1	2.3	.7	.2	.0							4.3	5.2
NE	.9	1.5	.7	.2								3.2	5.3
ENE	.9	1.6	.8	.1	.0							3.4	5.4
E	1.2	2.3	.7	.3								4.4	5.2
ESE	.8	1.5	.9	.2								3.3	5.5
SE	.8	2.2	1.7	.9								5.6	7.0
SSE	1.0	2.1	1.8	.9	.1							5.8	6.9
S	3.6	4.8	2.3	.5								11.2	5.1
SSW	1.9	3.3	2.7	.9								8.6	6.2
SW	1.6	3.2	3.1	.9								8.9	6.9
WSW	1.2	2.5	1.9	.5	.0							6.0	6.1
W	2.6	3.3	1.3	.1	.0							7.3	4.7
WNW	1.8	2.3	.7	.0								4.8	4.5
NW	1.5	1.9	1.1	.2								4.6	5.1
NNW	2.3	1.9	1.2	.1								5.4	4.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.0	
	28.7	38.8	22.8	6.0	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 5819

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

2174

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72404C (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.0	.3								2.1	7.0
NNE	.7	2.0	2.0	.3								5.0	6.8
NE	1.3	2.4	1.7	.4	.1							6.0	6.4
ENE	.7	1.1	2.1									4.0	6.2
E	.9	1.0	1.0	.4								3.3	6.3
ESE	.6	1.9	1.0									3.4	5.8
SE	.4	1.7	1.0	.3								3.4	6.4
SSE	1.6	2.1	.3	.6								4.6	5.0
S	3.9	3.2	.6	.7	.4							8.7	5.3
SSW	3.4	2.7	1.9	.7								8.7	5.1
SW	1.7	3.4	3.3	.3								8.7	6.0
WSW	1.9	2.1	1.6									5.6	4.9
W	3.6	2.4	.6	.1								6.7	3.9
WNW	1.9	1.3	.9	.4	.1							4.6	5.7
NW	1.4	3.0	1.3	.1								5.9	5.1
NNW	2.0	2.1	1.4	.4								6.0	5.0
VARBL													
CALM												13.0	
	26.2	33.2	21.6	5.2	.7							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 698

USAFETAC FORM AWS 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)

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | SEP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.7	.6	.1								2.0	5.7
NNE	.4	1.8	2.8	.7								5.8	7.4
NE	1.4	2.4	1.6	.6								5.9	5.9
ENE	2.0	2.4	1.6									5.9	5.0
E	1.1	1.4	2.0	.3								4.8	6.2
ESE	.4	1.3	.8									2.5	6.1
SE	.6	1.1	1.0	.4								3.1	6.7
SSE	.7	1.4	.1	.9								2.7	5.4
S	2.8	2.3	.1	.6								5.8	4.5
SSW	1.6	1.7	1.1	.7	.3							5.4	6.9
SW	2.4	2.8	2.4	.1	.1							7.9	5.5
WSW	1.7	1.8	1.7	.1								5.4	5.3
W	4.5	3.5	.6									8.6	3.8
WNW	2.7	1.8	.6	.1								5.2	4.0
NW	3.3	3.1	1.7	.6								8.6	5.0
NNW	2.7	3.1	1.9	.1								7.9	4.9
VARBL													
CALM												12.9	
	28.9	32.8	20.1	5.0	.4							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 707

2175

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)

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0600-0803 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.1	1.3									4.0	5.2
NNE	.3	3.3	2.1	.3								6.0	6.7
NE	.6	4.3	2.4	.7								8.0	6.5
ENE	1.7	4.1	1.6									7.4	5.0
E	1.0	1.9	1.9									4.7	6.2
ESE		1.0	.4	.1								1.6	6.4
SE		.9	.9	.6								2.3	8.1
SSE	.4	.6	.1	.6								1.7	7.7
S	2.9	1.7	1.4	.6	.1							6.7	5.4
SSW	2.1	2.4	1.6	.6	.1							6.8	5.8
SW	2.0	2.6	2.0	.7	.1		.1					7.6	6.6
WSW	1.9	2.6	1.6									6.0	5.1
W	3.9	3.3	1.4		.1							8.7	4.3
WNW	3.1	3.3	.9	.1								7.4	4.3
NW	2.6	1.4	2.4	.6								7.0	5.6
NNW	1.7	2.4	2.0	.1	.1							6.4	5.7
VARBL													
CALM												7.7	
	25.7	36.8	24.0	5.0	.7		.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 701

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

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 PATUXENT RIVER NAS MD 73-80 SEP
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	4.4	2.9	.3								8.9	6.0
NNE	1.4	4.1	2.3	.6								8.4	5.8
NE	1.3	4.1	1.9	.6								7.9	5.9
ENE	1.1	2.6	2.3	.3								6.3	5.9
E	1.4	5.1	2.0	.3								8.9	5.6
ESE	1.3	2.4	.6	.6								4.9	5.6
SE	.4	2.3	1.1	.7								4.6	7.3
SSE		1.0	1.1									2.1	6.8
S	1.0	1.1	2.3	.9								5.3	7.2
SSW	.7	2.1	2.4	1.4								6.7	7.6
SW	.6	3.1	2.1	.7	.1							6.7	7.0
WSW	.7	2.4	1.7	.1	.3							5.3	6.6
W	.9	2.3	1.6	.3								5.0	5.9
WNW	1.3	3.0	1.6	.4								6.3	5.8
NW	.6	3.0	2.4	.4								6.4	6.5
NNW	.6	2.1	1.9	.4								5.0	6.6
VARBL													
CALM												1.4	
	14.6	45.4	30.1	8.0	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 700

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

02176

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	4.2	3.4	.1								8.7	6.3
NNE	1.7	5.3	3.2	.3								10.5	5.8
NE	1.0	2.1	1.5									4.6	5.7
ENE	1.1	2.2	1.4	.1								4.9	5.4
E	1.0	3.4	.6	.8	.3	.1						6.2	6.9
ESE	.3	4.4	2.8									7.4	5.9
SE	1.4	3.9	4.5	1.5	.1							11.5	7.4
SSE	1.0	3.7	3.8	2.1	.1							10.7	7.7
S	.7	1.3	1.3	1.1								4.4	8.1
SSW	1.0	1.4	2.4	1.4								6.2	7.9
SW	.3	.8	.7	.8	.1							2.8	8.6
WSW		1.4	.7	.3								2.4	6.8
W	1.0	2.2	.7	.6								4.5	6.1
WNW	.8	1.3	1.5	.4	.1							4.2	6.7
NW	.6	1.3	2.0	.4	.1							4.4	7.2
NNW	.8	2.9	1.7	.1	.3							5.9	6.3
VARBL													
CALM												.7	
	13.6	41.9	32.2	10.3	1.3	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 712

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

... MD | PATUXENT RIVER NAS MD | 73-80 | SEP
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.6	2.4									7.4	5.0
NNE	2.4	5.1	1.9	.1								9.5	5.1
NE	1.4	2.3	.7									4.4	4.6
ENE	1.0	2.0	1.7	1.0		.1						5.8	7.3
E	1.3	1.8	1.1	.5		.1						4.7	6.2
ESE	.7	2.7	1.3	.1								4.8	5.5
SE	1.0	3.6	5.3	1.7	.3	.1						11.9	7.9
SSE	1.1	5.5	7.3	2.1								16.1	7.4
S	1.1	2.8	2.8	.9								7.7	6.8
SSW	.6	1.1	1.3	.9	.1							4.0	7.8
SW	.1	.4	.7	.1								1.8	6.1
WSW	.3	2.0	.7	.1								3.1	6.0
W	.7	1.3	1.4	.1								3.6	5.9
WNW	.7	1.0	1.4	.6								3.7	6.8
NW	1.3	1.6	1.3	.4								4.6	5.9
NNW	.4	1.3	1.0	.7								3.4	7.3
VARBL													
CALM												3.4	
	16.6	37.6	32.3	9.2	.4	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 703

2177

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

...BAL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

4...	PATUXENT RIVER NAS MD	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.4	.6									4.0	4.0
NNE	1.8	2.0	1.0	.1								5.0	4.8
NE	.7	1.6	1.7	.6								4.5	6.7
ENE	.7	.8	2.0	.6								4.1	7.2
E	.7	1.4	2.3									4.4	5.9
ESE	.6	1.0	1.8	.3	.1							3.8	7.6
SE	.4	1.4	.8	.1								2.8	6.3
SSE	2.8	4.8	1.0	1.0								9.6	5.4
S	9.8	9.8	2.8	.4								21.8	4.5
SSW	1.7	1.6	1.3	.3								4.9	5.0
SW	1.1	1.6	.4									3.1	4.5
WSW	1.1	.8	.1									2.1	4.0
W	.8	1.6	.3									2.7	4.3
WNW	1.0	1.3	.7									3.0	4.9
NW	1.4	1.0	.7	.6								3.7	5.5
NNW	2.0	2.3	1.7	.4								6.4	5.2
VARBL													
CALM												14.2	
	27.8	34.3	19.3	4.4	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 706

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	1.8	.1								3.6	6.4
NNE	.7	1.0	1.6	.4								3.7	6.7
NE	.7	2.0	1.4	.9								5.0	6.9
ENE	.9	1.1	1.4	.3								3.7	6.3
E	1.0	2.6	2.4									6.0	6.0
ESE	1.0	.7	4.1									5.8	6.9
SE	.4	1.3	.7	.3								2.7	6.2
SSE	1.7	1.8	.9	.6		.1						5.1	5.8
S	4.4	7.0	2.1	.6								14.1	4.8
SSW	3.6	4.1	2.1	.6								10.4	5.1
SW	2.4	2.8	1.6	.1								7.0	4.9
WSW	2.1	2.0	1.1	.1								5.4	4.8
W	1.6	1.1	.3	.1								3.1	4.1
WNW	1.8	.9	.7	.3								3.7	4.8
NW	1.3	2.0	.9	.3								4.4	5.4
NNW	2.3	1.7	.7	.3	.3							5.3	5.3
VARBL													
CALM												11.2	
	26.3	35.2	23.9	5.0	.5	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 704

2178

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)

[illegible]MD (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.2	2.0	1.7	.1								5.1	5.7
NNE	1.2	3.1	2.1	.4								6.7	6.0
NE	1.0	2.6	1.6	.5	.0							5.8	6.1
ENE	1.2	2.1	1.8	.3		.0						5.3	5.9
E	1.0	2.3	1.7	.3	.0	.0						5.4	6.1
ESE	.6	1.9	1.6	.1	.0							4.3	6.2
SE	.6	2.0	1.9	.7	.1	.0						5.3	7.3
SSE	1.2	2.6	1.8	.9	.0	.0						6.6	6.6
S	3.2	3.6	1.7	.7	.1							9.3	5.4
SSW	1.8	2.1	1.8	.8	.1							6.6	6.2
SW	1.3	2.3	1.7	.4	.1		.0					5.7	6.0
WSW	1.2	1.9	1.2	.1	.0							4.4	5.4
W	2.1	2.2	.9	.2	.0							5.4	4.6
WNW	1.7	1.7	1.0	.3	.0							4.8	5.3
NW	1.5	2.0	1.6	.4	.0							5.6	5.7
NNW	1.6	2.3	1.5	.3	.1							5.7	5.6
VARBL													
CALM												3.1	
	22.4	36.9	25.4	6.5	.6	.1	.0					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 5631

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...CHO (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	2.6	.5								5.0	6.8
NNE	1.2	2.3	1.9	.7								6.1	6.4
NE	1.0	1.9	.5									3.4	4.6
ENE	.7	1.9	1.2	.3								4.1	5.9
E	.5	1.0	1.0	.4								2.9	6.5
ESE	1.0	.7	1.0	.3								2.9	5.7
SE	.7	.5	.3	.4								1.9	6.3
SSE	.3	.7	.8	.3								2.0	7.1
S	2.0	1.9	2.0									6.0	5.1
SSW	2.6	3.3	1.9	1.0								8.7	5.7
SW	3.1	1.6	1.9	.7								7.4	5.4
WSW	1.9	1.6	1.4	.4								5.3	5.3
W	1.4	2.9	2.9	.3	.3							7.6	6.4
WNW	1.2	3.3	1.6	1.5								7.6	6.8
NW	1.5	3.0	2.3	.3		.1						7.2	6.2
NNW	1.8	1.9	3.3	.7								7.6	6.6
VARBL													
CALM												14.1	
	21.8	29.5	26.6	7.6	.3	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 733

2179

USAFETAC FORM AIR 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)

72[illegible] (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.6	3.0	1.0								5.7	7.9
NNE	1.0	3.0	1.9	1.0								6.8	6.7
NE	.7	1.6	2.0	.1								4.5	6.5
ENE	.4	1.8	1.2									3.4	5.6
E	.8	1.8	.5	.3								3.4	5.4
ESE	.7	.4	.1	.4								1.6	6.2
SE	.4	.1	.3	.1								1.0	5.9
SSE	1.0	.4	.4	.3								2.0	5.3
S	1.5	1.2	1.6	.8								5.2	6.4
SSW	2.0	2.6	1.9	.5								7.1	5.5
SW	1.6	4.1	1.9	.7								8.3	5.8
WSW	1.9	1.6	1.1	.4								5.0	5.1
W	2.4	4.1	1.6	.7	.1							9.0	5.8
WNW	2.3	2.6	2.4	.8								8.2	6.0
NW	1.6	3.0	1.8	.7								7.1	6.0
NNW	1.5	4.3	2.6	.4								8.8	5.6
VARBL													
CALM												13.0	
	20.0	34.2	29.5	8.2	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 736

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.3	1.9	1.0								6.0	6.9
NNE	.5	1.5	2.3	.8								5.2	7.4
NE	.7	1.3	2.3	.8								5.3	7.4
ENE	.8	1.2	1.2	.4								3.7	6.2
E	.8	1.5	1.0	.1								3.4	5.8
ESE	.1	.4	.3	.1								1.0	7.1
SE	.3		.5									.8	5.7
SSE	.8	1.5	.5	.3								3.2	5.5
S	.7	1.1	1.8	.3								3.8	6.8
SSW	1.8	1.5	1.5	.7								5.5	6.0
SW	1.9	3.0	1.6	1.0								7.0	6.3
WSW	1.2	2.2	1.5	.1								5.1	5.3
W	3.9	4.3	2.6	1.0								11.2	5.7
WNW	1.8	2.5	2.7	1.1								8.1	6.5
NW	2.5	3.6	2.1	.8								8.9	5.8
NNW	1.5	4.4	3.6	1.2								10.7	6.5
VARBL													
CALM												11.0	
	19.2	32.5	27.8	9.7								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 729

2180

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

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

7...40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

(DESCRIPTION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.5	3.1	1.4								9.1	7.1
NNE	1.1	4.0	3.0	1.2								9.3	6.7
NE	.8	2.2	.8	.5								4.4	6.3
ENE	.5	1.5	1.5	.4								4.0	6.7
E	.1	2.0	1.5	.7								4.4	7.1
ESE	.4	1.4	.7	.3								2.7	6.1
SE	.7	1.1	.8									2.6	5.3
SSE	.8	.8	1.0	.4								3.0	6.7
S	1.0	.4	1.2	.7								3.3	7.2
SSW	.5	1.9	1.8	1.1								5.2	7.4
SW	.5	1.5	2.0	2.3	.3							6.7	8.8
WSW	1.4	2.6	3.5	1.4								8.9	7.2
W	1.5	2.2	4.0	.5	.1							8.3	6.8
WNW	.7	2.0	2.5	2.9	.3							8.3	9.1
NW	.4	1.6	4.1	2.5	.1							8.7	9.1
NNW	.7	3.3	3.7	1.4	.1							9.1	7.7
VARBL													
CALM												2.0	
	12.3	32.1	35.1	17.6	1.8							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 733

USAFETAC FORM 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)

72[illegible]040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	5.0	3.4	1.0								10.3	6.5
NNE	.6	3.3	2.3	.4								6.6	6.5
NE	.3	2.3	1.9	.6								5.1	6.9
ENE	.4	1.5	.4	.3								2.6	5.6
E	1.8	2.3	1.0									5.1	4.7
ESE	.7	3.7	1.4	.4								6.2	6.0
SE	.6	4.1	2.5	.6								7.7	6.6
SSE	.4	1.2	1.8	.8	.1							4.4	7.8
S	.6	1.4	1.2	1.1	.1							4.4	8.3
SSW		1.1	2.5	1.1								4.7	8.5
SW	.1	.6	1.5	1.7	.1							4.0	10.3
WSW	.1	1.1	3.6	1.8	.1							6.7	9.3
W	.6	2.5	2.5	1.0	.3							6.6	7.9
WNW	.4	1.9	3.6	2.1	.3							8.3	8.9
NW	.6	1.1	4.3	2.6	.1							8.7	9.3
NNW	.7	1.9	3.6	.8	.3							7.3	8.0
VARBL													
CALM												1.2	
	8.7	35.0	37.5	16.1	1.5							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 726

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

2181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	4.1	3.0	.4								10.0	5.5
NNE	1.0	2.6	1.6	.5								5.7	6.2
NE	.3	2.0	.5	.1	.1							3.1	6.2
ENE	.7	.4	.4	.1								1.6	5.5
E	.7	.7	1.0	.4								2.7	6.5
ESE	1.8	2.0	1.0	.3	.1							5.2	5.5
SE	.8	3.8	3.0	1.0								8.6	6.7
SSE	1.8	4.4	3.3	1.6								11.1	6.7
S	1.5	2.7	2.0	.8								7.1	6.0
SSW	.3	1.6	1.0	.4	.1	.1						3.5	8.0
SW	1.0	1.0	1.5	.7	.1							4.2	7.4
WSW	.1	1.2	1.2	.7	.1							3.4	8.3
W	.4	2.3	2.6	.8	.3	.1						6.5	8.0
WNW	.5	2.5	2.6	1.5	.5							7.6	8.5
NW	1.8	1.5	3.0	2.3								8.6	7.8
NNW	1.0	2.5	2.9	1.0								7.2	7.0
VARBL													
CALM												3.7	
	16.0	35.3	30.6	12.7	1.5	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 733

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

[redacted]

[redacted] CLIMATOLOGY BRANCH
USAFETAC
[redacted] WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	2.3	2.9	2.1	.9								7.7	5.3
NNE	1.1	1.9	.8									3.3	4.8
NE	1.0	1.1	1.1	.3								3.4	5.6
ENE	.4	1.1	.5									2.1	5.4
E	.8	1.1	1.5	.8								4.3	6.7
ESE	.5	.8	.4	.5								2.3	6.7
SE	.8	.7	.7	.1								2.3	5.8
SSE	2.5	2.7	1.1	.1								6.5	4.7
S	5.2	7.1	1.8									14.1	4.4
SSW	3.0	3.0	1.2	.5								7.8	5.1
SW	2.1	2.2	.7									4.9	4.2
WSW	.7	1.4										2.1	3.5
W	1.4	1.9	2.5	.9	.1	.1						5.9	7.0
WNW	.9	1.5	1.9	.8	.1							4.3	7.6
NW	1.4	1.1	1.9	1.5								5.9	7.7
NNW	2.6	2.5	2.7	.8								8.7	5.9
VARBL													
CALM												14.4	
	29.2	32.9	20.5	6.5	.3	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 728

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

2182

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72406 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.0	.7								5.5	5.8
NNE	1.2	1.1	1.8	.5								4.7	6.2
NE	1.1	1.5	1.1	.4								4.1	5.8
ENE	.7	.5	.5	.1								1.9	5.2
E	.4	2.5	1.6	.1								4.7	6.0
ESE	.4	1.0	.7	.1								2.2	6.0
SE	.4	1.4	.8	.3								2.9	6.2
SSE	1.8	1.4	.5	.1								3.8	4.5
S	3.2	4.3	2.6									10.0	4.8
SSW	2.3	3.2	2.1	.5								8.1	5.7
SW	1.9	3.2	2.3	.7								8.1	5.9
WSW	.8	1.2	1.1	.1								3.3	5.6
W	1.4	2.2	1.5	.4	.4							5.9	6.7
WNW	1.2	1.1	1.5	.5								4.4	6.3
NW	2.1	1.6	1.4	1.2								6.3	6.0
NNW	.5	4.1	3.8	.8								9.1	6.7
VARBL													
CALM												15.0	
	20.9	32.7	24.5	6.6	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 728

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.3	2.9	2.5	.8								7.4	6.4
NNE	1.0	2.4	2.0	.7								6.0	6.5
NE	.7	1.8	1.3	.4	.0							4.2	6.3
ENE	.6	1.2	.9	.2								2.9	5.9
E	.8	1.6	1.1	.4								3.8	6.0
ESE	.7	1.3	.7	.3	.0							3.0	6.0
SE	.6	1.5	1.1	.3								3.5	6.3
SSE	1.2	1.6	1.2	.5	.0							4.5	6.1
S	2.0	2.5	1.8	.5	.0							6.7	5.6
SSW	1.6	2.3	1.7	.7	.0	.0						6.3	6.2
SW	1.5	2.1	1.7	1.0	.1							6.3	6.5
WSW	1.0	1.6	1.7	.6	.0							5.0	6.6
W	1.6	2.7	2.5	.6	.2	.0						7.6	6.6
WNW	1.1	2.2	2.3	1.4	.2							7.1	7.5
NW	1.5	2.1	2.6	1.5	.0	.0						7.7	7.3
NNW	1.3	3.1	3.3	.9	.1							8.6	6.7
VARBL													
CALM												9.3	
	18.1	32.9	28.3	10.6	.6	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 5896

2183

USAFETAC FORM AA 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)

72240	PATUXENT RIVER NAS MD	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.4	2.5	.3								6.0	6.4
NNE	.3	1.7	2.1	.6								4.6	6.8
NE	.7	2.9	1.4									5.0	5.7
ENE	.3	1.1	1.4									2.8	6.5
E	.1	.7	.4	.1								1.4	5.9
ESE	.1	.6	.6									1.3	6.1
SE	.4	.7	.3	.3								1.7	6.0
SSE	1.1	.7	1.0									2.8	4.9
S	1.0	1.8	1.8	.8								5.5	6.9
SSW	.7	2.1	2.5	1.5								6.9	7.8
SW	.8	1.8	2.4	2.2								7.3	8.1
WSW	1.3	1.3	2.1	1.7	.1							6.5	7.9
W	3.2	3.2	2.1	.7								9.3	5.3
WNW	1.5	2.2	2.9	1.0								7.7	6.6
NW	1.7	3.5	2.7	1.7								9.5	7.1
NNW	1.0	3.4	4.1	1.5								10.0	7.3
VARBL													
CALM												11.8	
	15.1	30.2	30.3	12.5	.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 713

...AL CLIMATOLOGY BRANCH
...IAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...540 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.5	2.0	.4								5.6	6.5
NNE	1.0	2.8	2.7	.1								6.6	6.0
NE	1.0	1.5	1.6	.1								3.9	5.9
ENE	.4	1.1	1.1	.1								2.8	6.1
E	.7	1.1	.3									2.1	4.2
ESE		.6	.7									1.3	6.8
SE	.3	.7	.6									1.6	5.5
SSE	.5	1.4	.6									2.3	5.6
S	1.1	1.6	1.6	.4								4.7	5.8
SSW	.7	2.4	1.3	1.1								5.5	7.2
SW	1.4	2.1	2.3	1.8								7.6	7.2
WSW	.9	1.7	1.8	.8	.1							5.4	7.3
W	2.3	4.7	2.7	.7								10.3	5.7
WNW	2.0	2.5	2.5	.8								7.6	6.3
NW	3.2	2.8	3.1	1.3								10.4	6.1
NNW	1.6	4.2	4.1	1.8	.4							12.1	7.5
VARBL													
CALM												10.0	
	17.6	33.3	28.8	9.7	.6							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 709

2184

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

L AL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

4	PATUXENT RIVER NAS MD	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.4	2.7	.6								5.7	7.1
NNE	.3	1.3	3.0	.1								4.7	7.3
NE	.4	1.7	1.7									3.8	6.2
ENE	.6	1.1	1.1									2.8	6.1
E	.7	1.4	.7	.3	.1							3.3	6.3
ESE		.1	.6	.1								.9	8.2
SE	.3	.9	.3									1.4	5.1
SSE		1.3	.7	.1								2.1	6.4
S	1.0	2.0	.7	.9								4.6	6.6
SSW	1.1	1.6	2.7	.6								6.0	6.7
SW	.9	2.3	2.6	1.8								7.5	7.7
WSW	2.6	2.8	1.3	.7	.1							7.5	5.6
W	2.3	3.6	2.4	1.1								9.4	6.2
WNW	1.0	2.4	1.4	2.0								8.8	6.3
NW	2.6	2.6	2.6	1.7	.1							9.5	6.7
NNW	1.3	4.6	3.8	1.7								11.4	7.0
VARBL													
CALM												10.5	
	17.9	31.0	28.3	11.8	.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 703

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

... 43 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.7	2.5	3.5	1.4	.1							8.3	7.6
NNE	.8	1.7	3.0	.6								6.1	6.7
NE	.3	1.7	1.8	.3								4.1	6.7
ENE	.3	.8	1.7	.4								3.2	7.4
E	.6	1.0	1.3	.3								3.1	6.0
ESE	.4	1.1	1.3									2.8	6.7
SE	.4	1.0	.7	.4								2.5	6.8
SSE	.3	1.4	.8	.4								3.5	5.8
S	.7	1.3	2.4	.6	.3							5.2	8.4
SSW		.7	2.3	1.4	.1							4.5	9.8
SW	.4	1.7	2.7	2.1	.3							7.2	8.9
WSW	.7	1.3	1.6	1.8								5.4	8.3
W	1.6	2.5	5.1	2.3	.3							11.7	8.0
WNW	.7	2.4	1.7	2.0	.3							7.1	8.7
NW	.8	1.4	2.7	3.7	.1							8.8	9.4
NNW	1.0	3.2	5.2	2.8	.1							12.4	6.4
VARBL													
CALM												4.0	
	10.3	25.8	37.7	20.5	1.7							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 708

2185

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)

72[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.0	4.8	3.1	.9								9.8	6.4
NNE	.1	2.4	3.0									5.5	6.9
NE	.6	1.4	2.1									4.1	6.6
ENE	.4	.9	.6	.4								2.3	6.7
E	.9	1.1	.9	.1								3.0	5.5
ESE	.6	2.4	.9									3.8	5.2
SE	1.4	3.7	3.3	.3								8.7	6.0
SSE	.4	1.7	2.8	1.6								6.5	8.3
S	.3	.3	2.6	1.4								4.5	9.3
SSW	.3	1.6	1.8	1.0								4.7	8.1
SW	.6	.9	2.1	2.0	.1	.1						5.8	9.4
WSW	.4	.9	2.0	1.8	.1							5.3	9.6
W	.6	1.7	4.1	1.8	.1	.1						8.5	8.7
WNW		1.8	2.7	2.8	.6							8.0	10.2
NW	.4	.7	3.0	3.6	.1	.1						8.0	10.4
NNW	.7	1.8	3.6	3.7	.3							10.1	9.5
VARBL													
CALM												1.4	
	8.7	28.1	38.5	21.4	1.4	.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 704

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72-80 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	5.1	5.1	1.0								10.0	6.0
NNE	.4	3.1	1.7									5.3	5.6
NE	1.0	1.1	1.1	.3								3.6	5.9
ENE	.7	1.1	.4	.1								2.4	5.0
E	.6	.9	.7	.1								2.3	5.7
ESE	.7	1.7	.9									3.3	5.0
SE	2.1	4.0	1.9	.1								8.1	5.3
SSE	.7	4.9	5.3	.7								11.6	6.9
S	1.9	2.4	2.3	.4								7.0	5.8
SSW	.3	.6	2.1	.7	.1							3.9	8.6
SW	.4	1.0	2.0	1.0	.1							4.6	8.5
WSW	.4	1.3	2.3	1.1								5.1	8.2
W	.7	3.4	2.9	.7								7.7	6.9
WNW	.6	.4	1.4	2.0	.6							5.0	10.7
NW	.3	2.0	2.6	2.3								7.1	8.7
NNW	1.6	2.7	3.0	2.4	.3	.1						10.1	8.4
VARBL													
CALM												2.9	
	15.1	33.9	33.7	13.1	1.1	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 700

2186

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	2.0	2.8	1.8	.4								7.1	5.5
NNE	.6	1.1	1.6									3.3	5.9
NE	.6	1.4	1.3									3.3	6.0
ENE	.4	.6	1.0	.6								2.6	7.4
E	.3	.9	1.4	.4								3.0	7.4
ESE	.9	.1	.6									1.6	4.6
SE	1.3	1.6	1.6									4.4	5.4
SSE	1.3	2.3	1.6	.3								5.4	5.7
S	4.3	4.1	2.6	.6								11.5	5.0
SSW	2.0	2.4	3.1	.4								7.9	6.1
SW	1.8	1.4	1.3	.6								5.1	5.7
WSW	1.1	.9	.3	.3	.1							2.7	5.5
W	1.4	1.0	1.7	.7								4.8	6.4
WNW	1.3	1.4	1.0	1.4	.4	.1						5.7	8.3
NW	1.3	1.8	1.8	1.7								6.7	7.4
NNW	1.7	3.4	3.0	2.1	.4							10.6	7.7
VARBL													
CALM												14.5	
	22.1	27.2	25.5	9.5	1.0	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 705

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.6	1.6	1.1								6.6	6.8
NNE	1.3	1.8	.4	.3								3.5	5.1
NE	.6	2.1	1.6	.1								4.4	6.1
ENE	.7	1.1	1.4	.3								3.5	6.4
E	.1	.6	.6	.7								2.0	8.8
ESE	.1	.6	.8									1.6	6.3
SE	1.0	.4	1.7									3.1	6.1
SSE	1.0	1.7	1.4	.1								4.2	5.5
S	2.1	2.5	1.8	1.0	.1							7.6	6.1
SSW	1.7	1.8	3.2	1.3								8.1	6.9
SW	1.4	1.8	2.3	2.0								7.5	7.6
WSW	1.1	1.1	1.6	.1								4.0	5.7
W	1.6	1.1	1.8	.6								5.1	6.1
WNW	1.8	2.3	2.7	2.0								8.8	7.3
NW	1.6	2.0	2.3	2.0	.1							7.9	7.5
NNW	1.6	4.8	2.8	1.6	.3							11.0	7.1
VARBL													
CALM												11.2	
	18.5	28.7	28.0	13.1	.6							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 708

2187

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)

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.5	2.8	2.5	.8	.0							7.4	6.5
NNE	.6	2.0	2.2	.2								5.0	6.3
NE	.6	1.7	1.6	.1								4.0	6.1
ENE	.5	1.0	1.1	.2								2.8	6.5
E	.5	1.0	.8	.3	.0							2.5	6.2
ESE	.4	.9	.8	.0								2.1	5.7
SE	.9	1.6	1.3	.1								3.9	5.7
SSE	.7	1.9	1.8	.4								4.8	6.5
S	1.5	2.0	2.0	.8	.1							6.3	6.4
SSW	.8	1.6	2.4	1.0	.0							5.9	7.4
SW	1.0	1.6	2.2	1.7	.1	.0						6.6	7.9
WSW	1.1	1.4	1.6	1.1	.1							5.2	7.4
W	1.7	2.7	2.8	1.1	.1	.0						8.4	6.7
WNW	1.4	1.9	2.1	1.8	.2	.0						7.3	7.9
NW	1.5	2.1	2.6	2.2	.1	.0						8.5	7.8
NNW	1.3	3.5	3.7	2.2	.2	.0						11.0	7.9
VARBL													
CALM												8.3	
	15.7	29.8	31.3	19.0	.9	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 5650

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

REGIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72 40 PATUXENT RIVER NAS MD 73-80 DEC
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	4.4	1.5	1.0	.5	.1						9.7	6.2
NNE	.8	1.4	2.2	.1								4.5	6.5
NE	.7	1.0	.7	.8								3.1	6.9
ENE	1.1	1.6	.1									2.9	4.0
E	1.0	.8	.5									2.3	4.5
ESE	.4	.4	.1									1.0	4.6
SE	.7	.8	.5									2.1	5.3
SSE	1.5	1.1	.4	.4								3.4	5.2
S	1.0	2.2	1.4	1.1								5.6	7.3
SSW	1.2	1.5	.8	1.1	.1							4.8	7.1
SW	1.6	2.2	3.3	2.6	.1							9.8	8.1
WSW	.7	1.4	1.9	1.2								5.2	7.8
W	1.2	1.8	1.5	1.2								5.7	6.7
WNW	.7	1.6	2.5	2.3	.5							7.7	9.6
NW	2.1	2.9	2.3	2.1	.5							9.8	7.6
NNW	1.4	3.6	4.4	1.0								10.3	6.9
VARBL													
CALM												12.0	
	18.5	28.6	28.2	19.9	1.6	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 731

2188

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.2	2.6	1.0	.1	.3						8.3	6.9
NNE	1.8	1.8	3.0	.1								6.7	5.9
NE	.8	1.5	1.6	.4								4.4	6.5
ENE	.7	1.4	.1	.3								2.5	5.2
E	.4	.8	.8	.3								2.3	6.4
ESE	.7	.7	.1									1.5	4.4
SE	.4	1.0	.7									2.1	5.7
SSE	.7	1.1	.4	.4								2.6	6.7
S	3.0	2.2	.7	.8	.1							6.4	4.9
SSW	.5	1.8	1.4	1.1	.1	.1						5.1	8.3
SW	.4	1.5	2.1	1.1								5.1	8.0
WSW	2.2	2.3	2.5	.7								7.7	5.9
W	1.6	3.1	1.9	.4								7.1	5.6
WNW	1.2	1.4	1.8	2.9	.7							7.9	9.3
NW	1.9	2.1	2.3	2.3	.3	.1						9.0	8.2
NNW	2.6	3.7	3.7	1.0	.5							11.5	6.7
VARBL													
CALM												9.8	
	21.2	28.5	25.7	12.3	1.9	.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 731

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

72 040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	2.6	1.8	4.1	.8	.1							9.4	6.6
NNE	.4	2.3	1.4	.5								4.6	6.7
NE	.4	1.4	.7									2.4	5.3
ENE	.5	2.9	.8									4.2	5.3
E	1.0	1.2	.5	.4	.3							3.4	7.1
ESE	.4	.7	.3									1.4	5.3
SE	.7	.3	.4									1.4	4.8
SSE	1.2	1.0	.5	.5								3.3	5.8
S	2.2	1.9	1.2	.1								5.4	4.8
SSW	1.4	1.1	2.6	1.6	.4							7.1	8.4
SW	.5	1.6	2.3	1.4								5.9	7.6
WSW	1.5	1.2	1.5	.3								4.5	5.7
W	2.9	2.6	1.5	.7								7.6	5.1
WNW	1.5	1.4	1.8	2.0	1.0							7.6	9.4
NW	1.6	2.4	1.8	3.4	.3							9.5	8.5
NNW	2.2	3.3	4.2	1.2	.4	.1						11.4	7.2
VARBL													
CALM												10.9	
	21.4	26.9	25.6	15.1	2.9	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 735

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

7189

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72240 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.4	1.6	4.8	1.4	.1							8.3	8.5
NNE	.7	1.9	2.3	.3								5.2	6.6
NE	.5	1.6	1.0									3.1	5.5
ENE	1.2	2.3	.8									4.4	4.9
E	1.2	2.0	1.0		.1	.1	.1					4.6	6.5
ESE	.7	1.1	.3	.1								2.2	4.8
SE	.7	1.2	1.1	.1								3.1	5.7
SSE	.1	1.2	1.5	.1								3.0	7.0
S	.4	1.4	2.6	.8								5.2	7.8
SSW	1.0	1.6	1.9	1.4	.8	.1						6.8	9.0
SW	1.5	1.4	2.3	4.0								9.2	9.0
WSW		.8	2.9	1.6								5.3	9.2
W	1.0	1.2	1.8	.5								4.5	6.5
WNW	1.1	2.0	2.2	1.5	1.1	.3						8.2	9.7
NW	.7	1.9	2.5	5.2	.8							11.1	10.3
NNW	1.1	2.5	3.3	2.7	.4	.1						10.1	9.1
VARBL													
CALM												5.6	
	12.3	26.0	32.1	19.8	3.4	.7	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.6	2.5	2.9	1.2								7.2	7.5
NNE	1.1	3.6	2.8	.1								7.6	6.0
NE	.6	2.3	.8									3.7	5.1
ENE	1.5	1.4	.4			.1						3.4	4.7
E	.8	1.5	.1			.1	.1					2.8	6.2
ESE	.8	2.1	.4	.1								3.4	5.0
SE	1.0	2.2	2.3	.4								5.9	6.4
SSE	.4	.6	1.9	.4								3.3	7.6
S	.3	1.9	2.1	1.5	.1							5.9	8.3
SSW	.4	1.8	2.9	1.8	.4							7.3	8.8
SW		.7	3.2	3.3	.4							7.6	11.0
WSW	.4	.8	2.5	2.1	.1							5.9	9.1
W	.8	1.5	1.9	1.5	.3							6.1	8.8
WNW	.1	1.8	1.9	2.8	.6	.4						7.6	11.1
NW	.8	1.2	4.4	5.4	.6	.4						12.8	10.7
NNW	.6	1.4	2.9	2.3	.4							7.6	9.6
VARBL													
CALM												2.1	
	10.2	27.2	33.4	23.0	2.9	1.1	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 727

2190

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

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

(...)34) | PATUXENT RIVER NAS MD | 73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.3	2.6	.8								7.9	6.3
NNE	1.5	2.7	1.4	.1								5.7	5.2
NE	1.5	1.6	.8									4.0	4.7
ENE	1.2	1.0	.3									2.5	3.8
E	1.9	.4	.7	.1			.1					3.3	5.3
ESE	.8	1.4	.7	.1	.1	.1						3.3	6.9
SE	1.5	2.5	1.2	.5								5.7	5.7
SSE	1.6	1.8	2.5	.4	.3							6.6	6.6
S	2.6	2.6	1.6	.8								7.7	5.5
SSW	.7	2.6	1.8	1.6								6.7	7.4
SW	.5	1.4	1.1	2.2	.1							5.3	9.3
WSW	.1	1.2	1.0	1.0	.1							3.4	8.2
W	1.2	2.6	1.6	1.5								7.0	7.0
WNW	.7	1.5	2.2	2.3	.8	.1						7.7	10.5
NW	.7	1.6	3.8	3.1	.1							9.4	9.2
NNW	1.1	2.7	1.8	2.0								7.7	7.8
VARBL													
CALM												6.3	
	19.9	29.9	25.0	16.8	1.6	.3	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 732

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

...AL CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

...340 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) CLC (MONTH)

ALL WEATHER (CLASS) 1...-2... (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	3.5	1.8	.7	.3							7.9	6.5
NNE	.8	1.0	1.5	.5								3.8	6.9
NE	1.6	.5	.7	.3								3.1	4.9
ENE	1.4	1.1	.1	.4								3.0	4.7
E	.8	1.4	.1	.3								2.6	5.2
ESE	.3	.7	.3	.3		.1						1.6	7.5
SE	1.2	1.0	.5	.1	.1							3.0	5.1
SSE	1.2	1.9	.8	1.0	.1							5.0	6.9
S	3.0	4.0	1.9	.7								9.5	5.4
SSW	2.7	2.0	1.2	.8	.5							7.4	6.5
SW	1.2	1.0	2.3	2.0								6.5	8.3
WSW	1.2	.5	1.0	.3								3.0	5.6
W	1.0	1.8	.8	.4	.1							4.1	6.0
WNW	.4	.5	1.8	1.6	.5	.1						4.8	11.5
NW	1.4	1.1	1.9	1.8	.1	.3						6.5	8.9
NNW	2.0	3.3	3.1	1.8	.1							10.4	7.0
VARBL													
CALM												17.6	
	22.0	25.0	19.9	13.0	2.0	.5						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 733

2181

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] | PATUXENT RIVER NAS MD | 73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	3.[illegible]	2.3	.8	.1							[illegible].6	[illegible].1
NNE	.4	2.2	1.9	.4								4.9	7.[illegible]
NE	.8	.8	1.[illegible]	.4								[illegible].[illegible]	[illegible].5
ENE	1.8	1.[illegible]	.3									[illegible].[illegible]	[illegible].[illegible]
E	1.5	1.[illegible]	.3									3.7	3.7
ESE	.5	.8	.3									1.6	4.8
SE	1.2	.5	1.1									2.9	4.9
SSE	.8	.7	.7	.3								2.5	6.[illegible]
S	2.3	3.4	1.5	1.0								8.2	5.7
SSW	1.4	1.6	2.5	1.4								6.8	7.1
SW	1.6	.7	2.9	1.9	.3							7.4	8.5
WSW	1.0	1.1	1.1	.7	.1							4.0	7.2
W	1.5	1.6	1.5	.3								4.9	5.6
WNW	1.2	1.0	1.2	2.9	.3							6.5	9.5
NW	1.6	2.2	1.2	2.0	.5	.1						7.8	[illegible].[illegible]
NNW	1.6	3.5	4.1	1.5								[illegible].[illegible]	7.1
VARBL													
CALM												14.6	
	21.7	25.1	23.7	13.5	1.4	.1						[illegible]0.0	5.3

TOTAL NUMBER OF OBSERVATIONS 734

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

...NAL CLIMATOLOGY BRANCH
...ATHER SERVICE/MAC

SURFACE WINDS

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

7..40	PATUXENT RIVER NAS MD	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.7	2.8	1.0	.1	.1						8.4	6.8
NNE	.9	2.1	2.0	.3								5.4	6.3
NE	.9	1.3	.9	.2								3.4	5.7
ENE	1.2	1.6	.4	.1		.0						3.2	4.6
E	1.1	1.1	.5	.1	.1	.0	.1					3.0	5.7
ESE	.6	1.0	.3	.1	.0	.0						2.0	5.5
SE	.9	1.2	1.0	.2	.0							3.3	5.6
SSE	1.0	1.2	1.1	.4	.1							3.7	6.5
S	1.4	2.4	1.6	.8	.0							6.7	6.1
SSW	1.2	1.8	1.9	1.3	.3	.0						6.5	7.8
SW	.9	1.3	2.4	2.3	.1							7.1	8.7
WSW	.9	1.2	1.8	1.0	.1							4.9	7.4
W	1.4	2.0	1.6	.8	.1							5.9	6.4
WNW	.9	1.4	1.9	2.3	.7	.1						7.2	10.0
NW	1.3	1.9	2.5	3.2	.4	.1						9.5	9.1
NNW	1.6	3.0	3.4	1.7	.2	.0						10.0	7.6
VARBL													
CALM												9.9	
	18.3	27.1	26.2	15.8	2.2	.4	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 5855

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

...BAL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

7... 40	PATUXENT RIVER NAS MD	73-81	ALL
STATION	STATION NAME	YEARS	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	2.4	2.0	.6	.0	.0						6.5	6.3
NNE	1.0	2.3	1.7	.4	.0	.0						5.3	6.2
NE	.8	1.7	.9	.2	.0		.0					3.7	5.8
ENE	.8	1.3	.7	.2	.0	.0						2.9	5.6
E	.9	1.5	.9	.2	.0	.0	.0					3.5	5.7
ESE	.7	1.6	.9	.2	.0	.0						3.4	5.7
SE	.8	2.1	2.1	.6	.0	.0						5.6	6.8
SSE	1.1	2.3	2.4	1.0	.1	.0						6.9	7.0
S	2.1	3.0	2.0	.7	.0							7.9	5.9
SSW	1.1	1.8	2.1	1.0	.1	.0	.0					6.1	7.2
SW	1.0	1.8	2.2	1.3	.1	.0	.0					6.4	7.7
WSW	.8	1.4	1.6	.8	.1	.0	.0					4.8	7.4
W	1.5	2.3	1.7	.7	.1	.0	.0					6.3	6.5
WNW	1.3	1.9	1.7	1.3	.3	.1	.0					6.6	7.9
NW	1.4	2.0	2.3	2.0	.3	.1	.0					8.0	8.1
NNW	1.5	2.5	2.6	1.2	.2	.0	.0					7.9	7.1
VARBL													
CALM												8.2	
	18.2	31.7	27.9	12.4	1.4	.3	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 68788

...L MAL CLIMATOLOGY BRANCH
...FETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72[illegible]40 PATUXENT RIVER NAS MD 73-81 ALL
STATION STATION NAME YEARS 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	2.0	4.1	4.1	1.5	.1							11.8	6.6
NNE	1.6	4.5	4.2	1.1	.1	.0						11.4	6.7
NE	.9	2.8	2.3	.9	.0		.0					6.9	6.9
ENE	.9	2.1	2.0	.6	.1							5.7	6.8
E	1.2	2.7	2.2	.8	.1	.0	.0					7.1	6.9
ESE	.8	1.9	1.7	.5	.0	.0						4.9	6.7
SE	.7	2.2	2.3	.7	.1	.0						5.9	7.2
SSE	.8	1.6	1.8	1.0	.1	.0						5.4	7.6
S	1.3	2.1	1.4	.7	.2							5.6	6.7
SSW	.6	1.3	1.3	.7	.0							3.9	7.2
SW	.6	1.2	1.1	.6	.1							3.7	7.3
WSW	.5	1.0	.7	.2	.1							2.6	6.7
W	1.3	1.9	1.1	.3	.1	.0						4.6	5.7
WNW	1.1	1.3	.6	.3	.1	.0	.0					3.4	5.8
NW	1.2	1.3	1.4	.5	.1	.0						4.6	6.6
NNW	1.4	1.7	1.7	.5	.0		.0					5.4	6.3
VARBL													
CALM												7.0	
	17.0	35.7	30.0	10.9	1.2	.2	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7527

2163

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	.4	49.9	50.3	50.3	50.6	50.9	51.0	51.0	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	.4	54.6	55.0	55.1	55.7	55.9	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	.4	54.6	55.0	55.1	55.7	55.9	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	.4	54.6	55.0	55.1	55.7	55.9	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3
≥ 14000	.4	54.6	55.0	55.1	55.7	55.9	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	.4	55.1	55.5	55.7	56.2	56.5	56.6	56.6	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	.4	59.3	60.2	60.3	60.8	61.1	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	.4	59.5	60.3	60.4	61.0	61.3	61.4	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000	.4	64.8	65.9	66.0	66.6	66.8	67.0	67.0	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	.7	66.2	67.3	67.5	68.1	68.3	68.5	68.5	68.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000	.7	66.4	67.5	67.8	68.3	68.6	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	.7	67.1	68.2	68.5	69.0	69.3	69.4	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	.7	69.0	70.1	70.4	71.1	71.4	71.5	71.5	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4000	.7	70.8	72.0	72.4	73.4	73.7	73.8	73.8	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3500	.7	71.9	73.4	73.8	74.8	75.0	75.2	75.2	75.2	75.3	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3000	.8	73.5	75.0	75.6	76.8	77.1	77.2	77.4	77.4	77.5	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2500	.8	73.8	76.0	76.5	77.8	78.0	78.2	78.3	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000	.8	75.2	77.4	77.9	79.1	79.4	79.5	79.7	79.7	79.9	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1800	.8	76.1	78.6	79.1	80.4	80.6	80.8	80.9	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1500	.8	77.1	79.7	80.2	81.6	81.9	82.1	82.3	82.3	82.5	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1200	.8	77.4	79.9	80.5	81.9	82.3	82.5	82.7	82.7	82.9	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1000	.8	78.6	81.3	81.9	83.8	84.3	84.7	85.0	85.1	85.5	85.9	85.9	85.9	85.9	85.9	85.9
≥ 900	.8	78.7	81.6	82.4	84.9	85.7	86.1	86.4	86.5	86.9	87.3	87.3	87.3	87.3	87.3	87.3
≥ 800	.8	78.9	81.7	82.8	85.3	86.2	86.6	86.9	87.0	87.6	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	.8	79.4	82.3	83.5	86.1	87.0	87.4	87.7	87.9	88.4	88.8	88.8	88.8	88.8	88.8	88.8
≥ 600	.8	79.9	82.8	84.2	87.0	88.0	88.5	88.8	88.9	89.5	89.9	89.9	89.9	89.9	89.9	89.9
≥ 500	.8	80.4	83.4	85.4	89.2	90.2	90.9	91.3	91.4	92.0	92.4	92.4	92.5	92.5	92.5	92.5
≥ 400	.8	80.6	83.8	85.8	89.9	91.0	91.7	92.4	92.5	93.2	94.0	94.0	94.3	94.3	94.3	94.3
≥ 300	.8	80.6	83.8	86.1	90.5	91.5	92.8	93.7	94.0	95.0	95.8	95.8	96.3	96.5	96.5	96.6
≥ 200	.8	80.6	83.8	86.1	90.6	91.8	93.2	94.4	94.7	95.8	96.7	96.7	97.3	97.4	97.5	98.0
≥ 100	.8	80.8	83.9	86.2	90.7	92.0	93.5	94.7	95.0	96.2	97.1	97.1	97.8	98.0	98.5	99.6
≥ 0	.8	80.8	83.9	86.2	90.7	92.0	93.5	94.7	95.0	96.2	97.1	97.1	97.8	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 733

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

[illegible] (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	.3	48.4	49.2	49.5	49.9	50.0	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	.3	52.2	53.1	53.7	54.1	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 18000	.3	52.2	53.1	53.7	54.1	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	.3	52.2	53.1	53.7	54.1	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	.3	52.3	53.3	53.8	54.2	54.4	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	.3	52.7	53.7	54.2	54.6	54.8	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 10000	.3	57.1	58.6	59.1	59.5	59.7	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 9000	.3	57.8	59.3	59.8	60.2	60.4	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	.3	62.4	64.0	64.6	65.0	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 7000	.3	64.6	66.3	67.2	67.6	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	.3	64.6	66.3	67.2	67.6	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5000	.3	65.4	67.2	68.0	68.5	68.7	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4500	.3	68.0	70.2	71.1	71.8	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	.3	68.7	71.4	72.6	73.3	73.4	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	.3	69.8	72.5	73.7	74.7	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	.3	70.6	73.6	74.9	75.9	76.2	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.2
≥ 2500	.4	71.5	74.9	76.4	77.4	77.7	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.7
≥ 2000	.4	73.0	76.4	77.9	79.0	79.3	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.4
≥ 1800	.4	73.0	76.4	77.9	79.0	79.3	80.0	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.5
≥ 1500	.4	73.4	76.8	78.6	79.8	80.1	80.8	80.8	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.5
≥ 1200	.4	73.6	77.1	79.2	80.7	80.9	81.6	81.6	81.6	81.7	82.0	82.0	82.0	82.0	82.0	82.3
≥ 1000	.4	74.7	78.3	80.9	83.0	83.2	83.9	83.9	83.9	84.1	84.3	84.3	84.3	84.5	84.5	84.9
≥ 900	.4	74.8	78.6	81.5	83.7	83.9	84.6	84.6	84.6	84.9	85.1	85.1	85.1	85.3	85.4	85.8
≥ 800	.4	75.1	79.2	82.2	84.6	85.0	85.7	85.7	85.7	86.1	86.4	86.4	86.5	86.6	86.8	87.2
≥ 700	.4	75.5	79.7	82.7	85.4	86.1	86.8	86.8	86.8	87.2	87.5	87.5	87.6	87.7	87.9	88.4
≥ 600	.4	75.9	80.1	83.4	86.5	87.2	87.9	87.9	87.9	88.3	88.6	88.6	88.7	88.8	89.0	89.5
≥ 500	.4	76.2	80.7	84.6	88.1	89.1	90.1	90.1	90.1	90.5	90.7	90.7	90.9	91.0	91.1	91.7
≥ 400	.4	76.3	80.8	85.0	89.9	91.1	92.5	92.6	92.6	93.1	93.3	93.3	93.6	93.7	94.0	94.6
≥ 300	.4	76.3	80.8	85.0	90.2	91.6	93.1	93.6	93.7	94.6	94.8	94.8	95.1	95.2	95.6	96.2
≥ 200	.4	76.4	80.9	85.1	90.3	91.7	93.2	93.9	94.1	95.2	95.9	95.9	96.5	96.6	97.1	97.8
≥ 100	.4	76.4	80.9	85.1	90.3	91.8	93.3	94.0	94.3	95.5	96.2	96.2	97.3	97.4	98.2	99.2
≥ 0	.4	76.4	80.9	85.1	90.3	91.8	93.3	94.0	94.3	95.5	96.2	96.2	97.4	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 734

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

72[illegible]4U (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (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	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.1	40.7	42.6	43.2	43.3	43.3	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 20000	.1	47.0	49.2	49.9	50.0	50.0	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	.1	47.0	49.2	49.9	50.0	50.0	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 16000	.1	47.1	49.3	50.0	50.1	50.1	50.5	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000	.1	47.3	49.5	50.1	50.3	50.3	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 12000	.1	48.4	50.5	51.2	51.4	51.4	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 10000	.1	53.3	55.7	56.6	57.0	57.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 9000	.1	53.7	56.1	57.0	57.4	57.4	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 8000	.1	58.5	61.3	62.3	62.7	62.7	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	.1	60.4	63.7	64.8	65.3	65.3	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 6000	.1	61.1	64.3	65.4	66.1	66.1	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 5000	.1	62.2	65.6	66.7	67.6	67.6	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4500	.3	65.2	68.7	69.8	70.8	70.8	71.2	71.6	71.6	71.7	71.7	71.9	71.9	71.9	72.0	72.0
≥ 4000	.3	67.6	70.8	72.0	73.1	73.1	73.5	73.9	73.9	74.0	74.0	74.2	74.2	74.2	74.3	74.3
≥ 3500	.3	67.5	71.2	72.5	73.6	73.6	74.0	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.9	74.9
≥ 3000	.3	68.3	72.0	73.4	74.7	74.7	75.3	75.7	75.7	75.8	76.1	76.4	76.4	76.4	76.5	76.5
≥ 2500	.3	69.9	73.6	75.1	76.9	76.9	77.5	77.9	77.9	78.0	78.3	78.6	78.6	78.6	78.7	78.7
≥ 2000	.3	70.8	74.5	76.2	78.0	78.0	78.6	79.0	79.0	79.2	79.5	79.8	79.8	79.8	79.9	79.9
≥ 1800	.3	70.8	74.5	76.6	78.4	78.4	79.0	79.4	79.4	79.6	79.9	80.2	80.2	80.2	80.3	80.3
≥ 1500	.3	71.7	75.4	77.9	79.6	79.6	80.2	80.6	80.6	80.9	81.3	81.6	81.6	81.6	81.7	81.7
≥ 1200	.3	72.7	76.4	79.0	81.0	81.0	81.6	82.0	82.0	82.4	82.8	83.1	83.1	83.1	83.2	83.2
≥ 1000	.3	73.1	77.0	80.2	82.5	82.7	83.3	83.7	83.7	84.3	84.7	85.0	85.0	85.0	85.1	85.1
≥ 900	.3	73.1	77.2	80.5	82.9	83.5	84.3	84.7	84.7	85.2	85.7	85.9	85.9	85.9	86.1	86.1
≥ 800	.3	73.2	77.3	80.7	83.5	84.0	84.8	85.2	85.2	85.8	86.2	86.5	86.6	86.6	86.7	86.7
≥ 700	.3	73.5	77.9	81.8	84.6	85.2	86.1	86.5	86.5	87.0	87.4	87.7	87.8	87.8	88.0	88.0
≥ 600	.3	73.5	77.9	81.8	85.0	85.7	86.9	87.3	87.3	87.8	88.3	88.5	88.7	88.7	88.8	88.8
≥ 500	.3	73.8	78.4	82.8	86.3	87.0	88.5	89.2	89.2	90.0	90.4	90.7	90.8	90.8	91.0	91.0
≥ 400	.3	73.8	78.4	83.1	87.8	88.9	90.7	91.4	91.4	92.3	92.8	93.0	93.9	93.9	94.0	94.0
≥ 300	.3	73.8	78.4	83.1	87.8	89.1	91.4	92.3	92.3	93.3	94.1	94.4	95.4	95.4	95.9	95.9
≥ 200	.3	73.8	78.4	83.1	87.8	89.1	91.4	92.3	92.5	93.6	94.5	94.8	96.3	96.3	97.4	97.4
≥ 100	.3	73.8	78.4	83.1	87.8	89.1	91.4	92.3	92.5	93.9	94.8	95.1	97.4	97.7	98.8	99.6
≥ 0	.3	73.8	78.4	83.1	87.8	89.1	91.4	92.3	92.5	93.9	94.8	95.1	97.4	97.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 732

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

72-040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	>0	≥0
NO CEILING	.4	38.8	41.3	42.4	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000	.5	45.0	47.5	48.6	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 18000	.5	45.0	47.5	48.6	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 16000	.5	45.0	47.5	48.6	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 14000	.5	45.6	48.2	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 12000	.5	46.5	49.3	50.8	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 10000	.5	50.3	53.3	54.9	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 9000	.5	51.1	54.2	55.9	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000	.5	56.0	59.4	61.0	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	.5	58.2	61.7	63.4	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	.5	59.0	62.7	64.6	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	.5	61.0	64.7	66.6	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4500	1.0	63.9	68.1	70.3	71.4	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4000	1.0	65.9	70.2	72.3	73.6	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	1.0	66.2	70.4	73.0	74.3	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3000	1.0	67.4	71.9	74.9	76.4	77.0	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2500	1.0	67.8	72.3	75.5	77.0	77.5	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2000	1.0	68.8	73.6	76.7	78.5	79.0	80.0	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1800	1.0	69.1	73.8	77.2	79.2	79.7	80.7	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	1.0	69.8	74.5	77.9	80.0	80.5	81.6	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1200	1.0	70.2	75.1	78.7	80.9	81.5	82.7	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1000	1.0	70.7	75.6	80.2	83.0	83.7	85.1	85.7	85.7	86.0	86.4	86.4	86.4	86.4	86.4	86.4
≥ 900	1.0	70.7	75.6	80.5	83.8	84.5	86.0	86.5	86.5	86.9	87.3	87.3	87.3	87.3	87.3	87.3
≥ 800	1.0	70.7	75.6	80.5	83.8	84.6	86.2	86.9	86.9	87.5	87.9	87.9	87.9	87.9	87.9	87.9
≥ 700	1.0	71.0	76.2	81.3	84.9	85.8	87.5	88.3	88.3	88.8	89.4	89.4	89.6	89.6	89.6	89.6
≥ 600	1.0	71.1	76.4	81.7	85.4	86.4	88.4	89.4	89.4	90.2	90.7	90.7	91.0	91.0	91.0	91.0
≥ 500	1.0	71.1	76.7	82.6	86.5	87.9	91.0	92.1	92.1	93.2	93.9	93.9	94.7	94.7	94.7	94.7
≥ 400	1.0	71.1	76.7	82.7	86.6	88.0	91.4	92.5	92.5	93.6	94.3	94.3	95.1	95.1	95.1	95.1
≥ 300	1.0	71.3	76.8	82.8	87.1	88.4	92.1	93.2	93.2	94.4	95.4	95.4	96.6	96.6	96.7	96.7
≥ 200	1.0	71.3	76.8	82.8	87.1	88.4	92.1	93.3	93.5	95.1	96.2	96.3	98.2	98.2	98.9	98.9
≥ 100	1.0	71.3	76.8	82.8	87.1	88.4	92.1	93.3	93.5	95.1	96.2	96.3	98.6	98.6	99.3	100.0
≥ 0	1.0	71.3	76.8	82.8	87.1	88.4	92.1	93.3	93.5	95.1	96.2	96.3	98.6	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 734

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

...CAL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

... 40 | PATUXENT RIVER NAS MD | 74-81 | JAN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	.1	36.3	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 20000	.1	44.5	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 18000	.1	44.9	46.4	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 6000	.1	45.2	46.7	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 4500	.1	45.9	47.4	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 3000	.1	47.3	48.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 2500	.1	51.5	53.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 2000	.1	52.2	54.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 1500	.1	58.5	61.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 1000	.1	61.9	64.8	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 800	.1	62.6	65.5	67.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 500	.1	64.7	67.7	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 400	1.0	65.5	68.6	70.4	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 300	1.0	67.9	71.2	73.4	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 200	1.0	69.0	72.3	74.5	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 150	1.0	71.2	74.7	77.0	77.8	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 100	1.0	72.3	75.8	78.2	79.0	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 200	1.0	73.8	77.5	80.3	81.2	81.5	82.1	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 800	1.1	74.0	77.7	80.4	81.4	81.6	82.2	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 500	1.1	74.8	78.8	81.6	82.7	83.0	83.6	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 200	1.1	75.6	79.6	82.5	83.8	84.1	84.8	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 000	1.1	76.0	80.1	83.2	84.9	85.5	86.7	87.3	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 900	1.1	76.0	80.1	83.2	85.2	85.8	87.0	87.5	87.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	1.1	76.0	80.1	83.3	85.3	85.9	87.1	87.7	87.7	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 700	1.1	76.2	80.4	84.1	86.3	87.1	88.4	88.9	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 600	1.1	76.2	80.7	84.4	87.0	88.1	89.7	90.5	90.7	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 500	1.1	76.2	80.8	84.5	87.8	88.9	90.8	91.9	92.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 400	1.1	76.2	81.1	84.9	88.4	89.5	91.6	93.0	93.2	94.9	95.1	95.1	95.2	95.2	95.3	95.3
≥ 300	1.1	76.2	81.1	84.9	88.5	89.6	92.1	93.8	94.1	96.4	96.7	96.7	97.7	97.7	97.9	97.9
≥ 200	1.1	76.2	81.1	84.9	88.5	89.6	92.1	93.8	94.2	96.7	97.0	97.0	97.9	97.9	98.6	99.0
≥ 100	1.1	76.2	81.1	84.9	88.5	89.6	92.1	93.8	94.2	96.7	97.0	97.0	98.1	98.1	99.0	99.7
0	1.1	76.2	81.1	84.9	88.5	89.6	92.1	93.8	94.2	96.7	97.0	97.0	98.1	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

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

72-[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (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	≥1¾	≥1½	≥1	≥⅞	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	1.1	41.2	41.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	1.1	48.6	49.7	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 18000	1.1	48.8	49.9	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 16000	1.1	48.8	49.9	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 14000	1.1	49.5	50.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	1.1	50.8	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 10000	1.1	53.6	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 9000	1.1	53.9	55.4	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 8000	1.1	57.6	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 7000	1.1	62.1	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 6000	1.1	62.9	65.1	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	1.1	64.8	67.0	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
≥ 4500	1.1	65.4	67.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	1.1	68.3	70.9	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3500	1.1	70.5	73.1	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3000	1.1	73.5	76.3	78.5	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	1.1	74.1	77.0	79.2	79.8	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2000	1.1	75.2	78.1	80.8	81.8	81.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1800	1.1	75.5	78.4	81.3	82.2	82.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1500	1.1	76.7	79.8	82.6	84.0	84.1	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1200	1.1	77.0	80.0	82.9	84.7	84.8	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1000	1.1	77.0	80.2	83.2	85.2	85.4	86.7	87.0	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3
≥ 900	1.1	77.2	80.3	83.4	85.6	85.8	87.1	87.4	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0
≥ 800	1.1	77.3	80.4	83.9	86.6	86.9	88.4	88.9	88.9	89.3	89.5	89.5	89.5	89.5	89.5	89.5
≥ 700	1.1	77.3	80.6	84.1	87.0	87.3	88.8	89.3	89.3	90.0	90.2	90.2	90.3	90.3	90.3	90.3
≥ 600	1.1	77.3	80.6	84.1	87.6	88.0	89.7	90.4	90.4	91.2	91.4	91.4	91.5	91.5	91.5	91.5
≥ 500	1.1	77.4	80.7	84.3	88.2	88.6	90.4	91.1	91.1	92.3	92.7	92.7	92.9	92.9	92.9	92.9
≥ 400	1.1	77.4	80.7	84.4	88.8	89.3	91.4	92.3	92.3	94.1	94.7	94.7	95.1	95.1	95.1	95.1
≥ 300	1.1	77.4	80.7	84.5	89.1	89.6	91.9	93.7	93.7	95.9	96.6	96.6	97.1	97.1	97.3	97.3
≥ 200	1.1	77.4	80.7	84.5	89.1	89.7	92.3	94.5	94.5	97.0	97.9	97.9	98.8	98.8	99.0	99.0
≥ 100	1.1	77.4	80.7	84.5	89.1	89.7	92.3	94.5	94.5	97.0	97.9	97.9	98.9	98.9	99.5	99.6
≥ 0	1.1	77.4	80.7	84.5	89.1	89.7	92.3	94.5	94.5	97.0	97.9	97.9	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 731

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	.4	47.2	47.8	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	.8	54.3	55.0	56.1	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	.8	54.4	55.1	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	.8	54.4	55.1	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	.8	54.5	55.2	56.3	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	.9	55.4	56.1	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	.8	58.4	59.1	60.2	60.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 9000	.8	58.7	59.4	60.5	60.5	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	.9	63.2	64.0	65.2	65.3	65.4	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0
≥ 7000	.9	63.2	64.0	65.2	65.3	65.4	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0
≥ 6000	.9	65.6	66.4	67.6	67.8	67.9	68.3	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5
≥ 5000	.9	66.7	67.5	68.7	68.9	69.0	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6
≥ 4500	.9	68.3	69.4	70.7	70.8	70.9	71.5	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8
≥ 4000	.9	70.7	72.5	74.2	74.5	74.7	75.2	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5
≥ 3500	.8	71.5	73.7	75.5	75.8	75.9	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7
≥ 3000	.8	74.8	77.0	78.9	79.2	79.3	79.9	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2
≥ 2500	.8	76.3	78.5	80.7	81.0	81.3	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2
≥ 2000	.8	77.0	79.2	81.5	82.0	82.2	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5
≥ 1800	.8	77.0	79.2	81.7	82.2	82.5	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7
≥ 1500	.9	77.7	80.0	82.5	83.3	83.6	84.8	85.0	85.0	85.0	85.1	85.1	85.3	85.3	85.3
≥ 1200	.8	78.0	80.3	82.9	83.9	84.2	85.4	85.5	85.5	85.5	85.7	85.7	85.8	85.8	85.8
≥ 1000	.8	78.4	80.7	83.5	85.1	85.7	87.1	87.2	87.3	87.3	87.5	87.5	87.6	87.6	87.6
≥ 900	.8	78.5	81.0	83.9	85.7	86.2	87.7	88.3	88.6	88.8	89.0	89.0	89.1	89.1	89.1
≥ 800	.8	78.8	81.4	84.8	86.8	87.3	88.8	89.4	89.7	90.1	90.2	90.2	90.4	90.4	90.4
≥ 700	.9	79.1	81.8	85.4	87.7	88.4	89.9	90.6	90.9	91.3	91.5	91.5	91.6	91.6	91.6
≥ 600	1.0	79.3	82.5	86.2	88.8	89.5	91.2	91.9	92.1	92.7	92.8	92.8	93.0	93.0	93.0
≥ 500	1.0	79.3	82.6	86.4	89.4	90.5	92.4	93.1	93.4	94.1	94.5	94.5	94.6	94.6	94.6
≥ 400	1.0	79.3	82.8	86.6	89.8	90.9	93.3	93.9	94.2	95.0	95.7	95.7	95.9	95.9	95.9
≥ 300	1.0	79.3	82.8	86.6	89.8	90.9	93.5	94.2	94.8	95.7	96.4	96.4	96.7	96.7	96.8
≥ 200	1.0	79.3	82.8	86.6	89.8	90.9	93.9	94.6	95.3	96.8	97.7	97.7	98.1	98.2	98.6
≥ 100	1.0	79.3	82.8	86.6	89.8	90.9	93.9	94.6	95.3	96.8	97.7	97.7	98.1	98.2	99.0	99.3
≥ 0	1.1	79.3	82.8	86.6	89.8	90.9	93.9	94.6	95.3	96.8	97.7	97.7	98.1	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 726

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	0
NO CEILING	.5	50.3	51.1	51.5	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	.5	55.2	56.3	56.7	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	.5	55.2	56.3	56.7	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	.5	55.2	56.3	56.7	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	.5	55.2	56.3	56.7	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 12000	.5	55.9	57.0	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	.5	59.3	60.9	61.3	61.3	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 9000	.5	59.6	61.1	61.5	61.5	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	.3	66.3	68.0	68.4	68.4	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 7000	.4	67.9	69.5	69.9	69.9	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 6000	.4	68.3	69.9	70.3	70.3	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	.4	69.2	70.9	71.4	71.4	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4500	.4	70.9	72.5	73.1	73.1	73.4	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	.4	72.3	73.9	74.5	74.5	74.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	.4	73.4	75.4	76.0	76.0	76.2	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	.4	75.8	78.4	78.7	78.7	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500	.8	76.8	79.1	79.8	80.1	80.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	.8	78.3	80.6	81.6	82.0	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	.8	78.4	80.8	81.7	82.3	82.6	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1500	.8	79.1	81.9	83.0	83.7	83.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	.8	80.2	83.1	84.8	85.6	85.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	.8	80.2	83.1	84.9	86.0	86.4	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 900	.8	80.2	83.2	85.2	86.3	86.7	87.9	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	.8	80.2	83.2	85.4	86.5	87.1	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 700	.5	80.4	83.5	85.9	87.2	87.9	89.3	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 600	.5	80.4	83.5	85.9	87.4	88.2	89.7	89.7	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2
≥ 500	.3	80.6	84.3	87.2	89.1	90.1	91.6	91.6	91.8	92.2	92.4	92.4	92.6	92.6	92.6	92.6
≥ 400	.3	80.6	84.9	88.0	90.2	91.5	93.1	93.5	93.7	94.4	94.9	94.9	95.1	95.1	95.2	95.2
≥ 300	.3	80.6	84.9	88.3	90.7	92.0	93.7	94.4	94.5	95.3	96.0	96.0	96.4	96.4	96.7	96.7
≥ 200	.4	80.6	84.9	88.5	90.8	92.2	93.8	94.5	94.6	95.9	96.6	96.6	97.4	97.5	97.8	97.8
≥ 100	.4	80.6	84.9	88.5	90.8	92.2	93.8	94.5	94.6	96.3	97.1	97.1	98.2	98.4	98.8	99.5
≥ 0	.4	80.6	84.9	88.5	90.8	92.2	93.8	94.5	94.6	96.3	97.1	97.1	98.2	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 728

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (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	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	.5	44.1	45.2	45.7	45.8	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	.6	50.4	51.5	52.1	52.3	52.4	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	.6	50.3	51.6	52.2	52.4	52.5	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8
≥ 16000	.6	50.3	51.6	52.3	52.5	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 14000	.6	50.6	51.9	52.6	52.8	52.9	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	.6	51.5	52.9	53.6	53.8	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 10000	.6	55.4	57.1	57.9	58.1	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	.6	55.8	57.5	58.3	58.6	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 8000	.6	60.9	62.9	63.7	64.0	64.1	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	.6	63.3	65.4	66.4	66.7	66.8	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	.6	63.8	66.0	67.0	67.4	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 5000	.6	65.1	67.3	68.4	68.9	69.0	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	.7	67.0	69.4	70.6	71.0	71.3	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	.7	69.0	71.6	73.0	73.6	73.8	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	.7	70.0	72.7	74.2	74.9	75.1	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3000	.8	71.9	74.8	76.5	77.3	77.5	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.4
≥ 2500	.8	72.8	75.9	77.7	78.6	78.9	79.4	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.8	79.8
≥ 2000	.8	74.0	77.2	79.1	80.2	80.5	81.2	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.7
≥ 1800	.8	74.2	77.4	79.5	80.6	80.9	81.6	81.8	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.1
≥ 1500	.8	75.0	78.4	80.5	81.8	82.1	82.9	83.1	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.6
≥ 1200	.8	75.6	78.9	81.3	82.8	83.1	83.9	84.1	84.1	84.3	84.5	84.5	84.6	84.6	84.6	84.6
≥ 1000	.8	76.1	79.5	82.2	84.2	84.6	85.7	85.9	86.0	86.3	86.5	86.5	86.6	86.6	86.6	86.6
≥ 900	.8	76.1	79.7	82.6	84.7	85.2	86.3	86.7	86.7	87.1	87.4	87.4	87.4	87.4	87.5	87.5
≥ 800	.8	76.3	79.9	83.0	85.3	85.9	87.0	87.4	87.5	87.9	88.2	88.2	88.3	88.3	88.3	88.4
≥ 700	.8	76.5	80.3	83.6	86.1	86.9	88.0	88.4	88.5	89.0	89.2	89.3	89.4	89.4	89.4	89.5
≥ 600	.8	76.7	80.6	84.0	86.8	87.6	89.0	89.5	89.6	90.2	90.4	90.4	90.6	90.6	90.6	90.7
≥ 500	.8	76.9	81.0	84.7	88.1	89.0	90.7	91.3	91.4	92.2	92.5	92.6	92.8	92.8	92.8	92.9
≥ 400	.8	76.9	81.1	85.1	88.9	90.0	92.0	92.7	92.8	93.8	94.3	94.4	94.8	94.8	94.9	94.9
≥ 300	.8	76.9	81.2	85.2	89.2	90.3	92.6	93.6	93.8	95.1	95.7	95.8	96.4	96.4	96.7	96.8
≥ 200	.8	76.9	81.2	85.2	89.2	90.4	92.7	93.9	94.2	95.8	96.6	96.6	97.6	97.6	98.1	98.3
≥ 100	.8	77.0	81.2	85.2	89.3	90.5	92.8	94.0	94.2	95.9	96.8	96.8	98.1	98.2	98.9	99.6
≥ 0	.8	77.0	81.2	85.2	89.3	90.5	92.8	94.0	94.2	95.9	96.8	96.8	98.1	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5848

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 7/8	≥2	≥1 1/2	≥1 1/4	≥1	≥7/8	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING		55.2	56.4	57.2	58.0	58.0	58.0	58.0	58.0	58.1	58.3	58.3	58.3	58.3	58.4	58.4
≥ 20000		61.0	62.3	63.2	64.0	64.0	64.1	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.6	64.6
≥ 18000		61.1	62.5	63.4	64.1	64.1	64.3	64.3	64.3	64.4	64.6	64.6	64.6	64.6	64.7	64.7
≥ 16000		61.1	62.5	63.4	64.1	64.1	64.3	64.3	64.3	64.4	64.6	64.6	64.6	64.6	64.7	64.7
≥ 14000		61.6	62.9	63.8	64.6	64.6	64.7	64.7	64.7	64.9	65.0	65.0	65.0	65.0	65.2	65.2
≥ 12000		61.7	63.4	64.3	65.0	65.0	65.2	65.2	65.2	65.3	65.5	65.5	65.5	65.5	65.6	65.6
≥ 10000		65.9	67.7	68.6	69.4	69.4	69.5	69.7	69.7	69.8	70.0	70.0	70.0	70.0	70.1	70.1
≥ 9000		66.4	68.2	69.1	69.8	69.8	70.0	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.6	70.6
≥ 8000		68.8	70.6	71.6	72.3	72.3	72.5	72.6	72.6	72.8	72.9	72.9	72.9	72.9	73.2	73.2
≥ 7000		69.1	71.0	72.3	73.1	73.1	73.2	73.4	73.4	73.5	73.7	73.7	73.7	73.7	74.0	74.0
≥ 6000		69.4	71.3	72.8	73.5	73.5	73.7	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.4	74.4
≥ 5000		70.4	72.5	74.1	74.9	74.9	75.0	75.2	75.2	75.3	75.5	75.5	75.5	75.5	75.8	75.8
≥ 4500		71.6	74.3	75.9	76.7	76.7	76.8	77.0	77.0	77.1	77.3	77.3	77.3	77.3	77.6	77.6
≥ 4000		74.1	77.3	79.1	79.8	79.8	80.0	80.1	80.1	80.3	80.4	80.4	80.4	80.4	80.7	80.7
≥ 3500		74.6	77.7	79.5	80.3	80.3	80.4	80.9	80.9	81.0	81.2	81.2	81.2	81.2	81.5	81.5
≥ 3000		75.9	79.1	81.2	81.9	81.9	82.1	82.5	82.5	82.7	82.8	82.8	82.8	82.8	83.1	83.1
≥ 2500		76.7	79.8	81.9	82.8	82.8	83.0	83.4	83.4	83.6	83.7	83.7	83.7	83.7	84.0	84.0
≥ 2000		77.3	80.6	82.7	83.7	83.7	83.9	84.5	84.5	84.6	84.8	84.8	84.8	84.8	85.1	85.1
≥ 1800		77.4	80.7	82.8	83.9	83.9	84.0	84.6	84.6	84.8	84.9	84.9	84.9	84.9	85.2	85.2
≥ 1500		77.7	81.2	83.3	84.5	84.5	84.6	85.2	85.2	85.4	85.5	85.5	85.5	85.5	85.8	85.9
≥ 1200		78.5	82.2	84.5	85.8	85.8	85.9	86.5	86.5	86.7	86.8	86.8	86.8	86.8	87.1	87.3
≥ 1000		79.4	83.4	85.8	87.4	87.4	87.7	88.3	88.3	88.6	88.8	88.8	88.8	88.8	89.1	89.2
≥ 900		79.7	83.7	86.1	87.9	87.9	88.2	88.8	88.9	89.2	89.4	89.4	89.4	89.4	89.7	89.8
≥ 800		79.7	83.7	86.1	88.0	88.2	88.5	89.1	89.2	89.5	89.7	89.7	89.7	89.7	90.0	90.1
≥ 700		79.7	83.7	86.5	88.5	88.6	88.9	89.5	89.7	90.0	90.1	90.1	90.1	90.1	90.4	90.6
≥ 600		79.7	83.9	86.8	88.9	89.1	89.4	90.0	90.1	90.4	90.6	90.6	90.6	90.6	90.9	91.0
≥ 500		80.0	84.6	87.7	90.0	90.1	90.4	91.2	91.3	91.6	91.8	91.8	91.8	91.8	92.2	92.4
≥ 400		80.3	85.2	88.8	91.3	91.6	91.9	92.8	93.0	93.3	93.4	93.4	93.4	93.7	94.3	94.5
≥ 300		80.4	85.5	89.1	92.1	92.7	93.0	94.0	94.2	94.5	94.8	94.8	94.9	95.2	96.0	96.1
≥ 200		80.4	85.5	89.1	92.4	93.0	93.4	94.5	94.9	95.2	95.5	95.5	95.7	96.0	96.9	97.2
≥ 100		80.4	85.5	89.1	92.4	93.0	93.4	94.5	94.9	95.5	95.8	95.8	96.0	96.3	97.6	98.8
≥ 0		80.4	85.5	89.1	92.4	93.0	93.4	94.5	94.9	95.5	95.8	95.8	96.0	96.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 669

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

724 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.2	51.5	52.3	53.0	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	.2	59.5	60.5	61.4	61.9	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	.2	59.8	60.8	61.7	62.2	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	.2	59.8	60.8	61.7	62.2	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000	.2	60.1	61.1	62.0	62.5	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 12000	.2	60.7	62.3	63.2	63.7	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	.2	66.1	67.7	68.6	69.1	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	.2	66.4	68.0	68.9	69.4	69.5	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	.2	69.8	71.5	72.8	73.4	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	.2	70.0	71.9	73.3	73.9	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	.2	70.3	72.2	73.6	74.2	74.5	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	.2	71.0	73.3	74.6	75.2	75.7	75.8	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	.2	72.2	74.6	76.0	76.6	77.0	77.2	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4000	.2	74.3	76.9	78.4	79.0	79.4	79.6	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	.2	74.9	77.5	79.0	79.6	80.0	80.5	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	.2	75.7	78.4	79.9	80.8	81.2	81.7	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500	.2	76.7	79.4	81.1	82.4	82.9	83.6	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2000	.2	78.1	81.1	82.9	84.2	84.8	85.6	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	.2	78.2	81.2	83.0	84.4	85.0	85.7	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	.2	79.0	82.1	83.9	85.3	85.9	86.6	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	.2	79.7	82.9	84.7	86.0	86.6	87.4	87.5	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	.2	80.2	83.5	85.3	86.9	87.5	88.4	88.6	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	.2	80.6	83.9	85.7	87.4	88.0	89.0	89.3	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 800	.2	81.2	84.5	86.3	88.0	88.6	89.6	89.9	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	.2	81.2	84.5	86.3	88.0	88.6	89.6	89.9	89.9	90.5	90.5	90.5	90.5	90.7	90.7	90.7
≥ 600	.2	81.5	85.0	86.8	88.6	89.2	90.2	90.5	90.5	91.1	91.1	91.1	91.1	91.3	91.3	91.3
≥ 500	.2	81.5	85.0	86.9	88.9	89.5	90.5	91.0	91.0	91.7	91.7	91.7	91.7	91.9	91.9	91.9
≥ 400	.2	82.1	85.6	87.5	89.9	90.7	91.9	92.5	92.5	93.1	93.1	93.1	93.1	93.2	93.2	93.2
≥ 300	.2	82.1	85.6	87.7	90.7	91.6	93.2	94.0	94.0	94.7	94.7	94.7	94.7	94.9	94.9	94.9
≥ 200	.2	82.1	85.6	87.7	91.3	92.2	93.8	94.7	94.7	95.6	95.6	95.8	96.1	96.2	96.2	96.7
≥ 100	.2	82.1	85.6	87.7	91.3	92.2	93.8	95.0	95.0	96.4	96.4	96.5	97.3	97.4	97.6	99.5
≥ 0	.2	82.1	85.6	87.7	91.3	92.2	93.8	95.0	95.0	96.4	96.4	96.5	97.3	97.4	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 666

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

724 '40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.2	49.8	50.9	51.4	51.7	52.1	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	1.2	57.1	58.3	59.2	59.6	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000	1.2	57.1	58.3	59.2	59.6	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000	1.2	57.1	58.4	59.3	59.8	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 14000	1.2	57.1	58.4	59.3	59.8	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	1.2	59.3	61.0	62.0	62.6	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5
≥ 10000	1.2	64.3	65.9	67.0	67.6	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5	68.5
≥ 9000	1.2	64.6	66.2	67.3	67.9	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8
≥ 8000	1.2	67.6	69.2	70.6	71.8	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.0
≥ 7000	1.2	69.1	70.9	72.2	73.4	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6
≥ 6000	1.2	69.2	71.0	72.4	73.6	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.9	74.9
≥ 5000	1.2	69.8	71.6	73.1	74.3	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.7	75.8
≥ 4500	1.2	71.6	73.4	75.1	76.3	77.0	77.0	77.3	77.5	77.5	77.5	77.5	77.6	77.6	77.8	77.9
≥ 4000	1.2	73.7	75.7	77.6	79.1	79.9	79.9	80.2	80.3	80.5	80.5	80.5	80.6	80.6	80.8	80.9
≥ 3500	1.2	73.9	75.8	77.8	79.3	80.0	80.0	80.3	80.5	80.6	80.6	80.6	80.8	80.8	80.9	81.1
≥ 3000	1.2	74.6	76.7	78.7	80.3	81.2	81.7	82.1	82.3	82.6	82.6	82.6	82.7	82.7	82.9	83.0
≥ 2500	1.2	74.6	76.7	79.0	80.8	81.8	82.3	82.7	82.9	83.2	83.2	83.2	83.3	83.3	83.5	83.6
≥ 2000	1.2	76.0	78.1	80.3	82.1	83.2	83.6	84.1	84.2	84.5	84.5	84.5	84.7	84.7	84.8	85.0
≥ 1800	1.2	76.1	78.2	80.5	82.3	83.3	83.8	84.2	84.4	84.7	84.7	84.7	84.8	84.8	85.0	85.1
≥ 1500	1.2	76.9	79.0	81.5	83.3	84.4	84.8	85.3	85.4	85.7	85.7	85.7	85.9	85.9	86.2	86.3
≥ 1200	1.2	77.5	79.9	82.6	84.4	85.4	85.9	86.3	86.5	86.8	86.8	86.8	87.1	87.1	87.4	87.5
≥ 1000	1.2	77.9	80.3	83.3	85.1	86.2	86.8	87.4	87.5	88.3	88.4	88.4	89.0	89.0	89.3	89.5
≥ 900	1.2	78.1	80.6	83.6	85.4	86.5	87.1	87.7	87.8	88.6	88.7	88.7	89.3	89.3	89.6	89.8
≥ 800	1.2	78.5	81.1	84.1	86.0	87.1	87.8	88.6	88.9	89.6	89.8	89.8	90.4	90.4	90.7	90.8
≥ 700	1.2	78.5	81.1	84.1	86.0	87.1	87.8	88.7	89.0	89.8	89.9	89.9	90.5	90.5	90.8	91.0
≥ 600	1.2	78.5	81.2	84.4	86.5	87.7	88.6	89.5	89.8	90.5	90.7	90.7	91.3	91.3	91.6	91.7
≥ 500	1.2	78.5	81.2	84.5	86.8	88.3	89.2	90.1	90.4	91.1	91.3	91.3	92.0	92.0	92.3	92.5
≥ 400	1.2	78.5	81.2	84.8	87.1	88.7	90.2	91.4	91.7	92.5	92.6	92.6	93.5	93.5	93.8	94.0
≥ 300	1.2	78.5	81.2	84.8	87.4	89.3	91.0	92.6	92.9	93.7	93.8	93.8	95.2	95.2	95.8	96.1
≥ 200	1.2	78.5	81.2	84.8	87.4	89.3	91.0	92.6	93.1	94.3	94.4	94.6	96.1	96.1	96.8	97.1
≥ 100	1.2	78.5	81.2	84.8	87.4	89.5	91.1	92.8	93.2	94.4	94.7	94.9	96.4	96.8	97.9	99.4
≥ 0	1.2	78.5	81.4	85.0	87.5	89.6	91.3	92.9	93.4	94.6	94.9	95.0	96.5	97.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 666

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	2.0	49.4	50.5	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	2.0	58.5	59.8	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.6
≥ 18000	2.0	58.5	59.8	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.6
≥ 16000	2.0	58.6	60.0	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7
≥ 14000	2.0	58.9	60.3	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0
≥ 12000	2.0	60.9	62.5	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.4	63.4
≥ 10000	2.0	64.8	66.5	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.4
≥ 9000	2.0	65.1	66.8	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8
≥ 8000	2.0	69.3	71.1	71.5	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.7	72.7
≥ 7000	2.0	70.8	72.7	73.0	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.9	74.9
≥ 6000	2.0	71.3	73.1	73.4	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4	75.4
≥ 5000	2.0	72.1	74.2	74.5	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.4	76.4
≥ 4500	2.0	73.0	75.2	75.7	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6
≥ 4000	2.0	74.9	77.8	78.2	80.4	80.4	80.4	80.5	80.5	80.7	80.7	80.7	80.7	80.7	81.0	81.0
≥ 3500	2.0	75.7	78.5	79.0	81.3	81.3	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.9	81.9
≥ 3000	2.0	76.9	79.8	80.2	82.9	83.1	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.7	83.7
≥ 2500	2.0	77.3	80.2	80.7	83.4	83.5	83.7	83.8	83.8	84.0	84.0	84.0	84.1	84.1	84.4	84.4
≥ 2000	2.0	77.5	80.5	81.1	83.8	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.9	84.9
≥ 1800	2.0	77.6	80.7	81.3	84.0	84.1	84.3	84.4	84.4	84.6	84.6	84.6	84.7	84.7	85.0	85.0
≥ 1500	2.0	78.2	81.4	82.0	84.7	84.9	85.0	85.5	85.5	85.8	85.8	85.8	86.0	86.0	86.3	86.3
≥ 1200	2.0	78.4	81.6	82.3	85.0	85.2	85.3	85.8	85.8	86.1	86.1	86.1	86.3	86.3	86.6	86.6
≥ 1000	2.0	79.2	82.3	83.1	86.0	86.1	86.6	87.0	87.0	87.3	87.3	87.3	87.6	87.6	87.9	87.9
≥ 900	2.0	79.5	82.6	83.4	86.4	86.6	87.0	87.5	87.5	87.8	87.8	87.8	88.1	88.1	88.4	88.5
≥ 800	2.0	79.5	82.9	83.7	86.9	87.0	87.5	88.1	88.1	88.4	88.4	88.4	88.7	88.7	89.0	89.1
≥ 700	2.0	79.6	83.4	84.1	87.3	87.5	88.2	88.8	88.8	89.1	89.1	89.1	89.4	89.4	89.7	89.9
≥ 600	2.0	79.6	83.5	84.4	87.8	87.9	89.1	89.9	89.9	90.3	90.5	90.5	90.8	90.8	91.1	91.2
≥ 500	2.0	79.6	83.5	84.7	88.2	88.4	90.0	90.8	90.8	91.5	92.0	92.0	92.7	92.9	93.4	93.5
≥ 400	2.0	79.6	83.7	84.9	88.8	89.0	90.8	92.0	92.0	93.1	93.8	93.8	94.7	94.9	95.5	95.6
≥ 300	2.0	79.6	83.7	84.9	88.8	89.0	91.1	92.7	92.7	94.0	94.7	94.7	95.6	95.8	96.4	96.7
≥ 200	2.1	79.8	83.8	85.0	89.0	89.1	91.2	92.9	92.9	94.1	95.0	95.0	96.7	97.1	97.7	98.2
≥ 100	2.1	79.8	83.8	85.0	89.0	89.1	91.2	92.9	92.9	94.1	95.0	95.0	96.8	97.3	98.0	99.1
≥ 0	2.1	79.8	83.8	85.0	89.0	89.1	91.2	92.9	92.9	94.1	95.0	95.0	96.8	97.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 662

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1¼	≥1	≥⅝	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	2.1	49.4	50.0	50.0	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	2.1	59.4	60.0	60.0	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	2.1	59.4	60.0	60.0	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	2.1	59.4	60.0	60.0	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	2.1	59.4	60.0	60.0	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	2.1	61.4	62.4	62.4	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	2.1	65.9	67.0	67.0	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	2.1	66.1	67.1	67.1	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 8000	2.1	69.1	70.2	70.2	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	2.1	70.2	71.5	71.5	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 6000	2.1	71.1	72.4	72.4	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	2.1	72.3	73.9	73.9	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	2.1	72.6	74.2	74.5	75.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	2.1	74.5	76.8	77.1	78.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	2.1	75.4	78.2	78.6	79.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	2.1	77.4	80.2	80.6	82.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	2.1	78.0	80.3	80.8	82.3	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	2.1	78.5	80.8	81.2	83.0	84.1	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	2.1	78.5	80.8	81.2	83.0	84.1	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	2.1	79.8	82.1	82.7	84.5	86.1	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	2.1	80.6	83.5	84.1	85.9	87.4	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1000	2.1	80.9	83.8	85.0	87.4	88.9	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	2.1	80.9	83.9	85.2	87.7	89.2	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	2.1	80.9	83.9	85.5	88.9	90.5	91.2	91.4	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8
≥ 700	2.1	80.9	83.9	85.6	89.8	91.4	92.1	92.4	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.0
≥ 600	2.1	80.9	83.9	85.6	90.5	92.1	93.0	93.3	93.5	94.1	94.2	94.4	94.4	94.4	94.4	94.4
≥ 500	2.1	80.9	83.9	85.6	90.9	92.6	94.1	94.4	94.5	95.3	95.8	95.9	96.1	96.1	96.1	96.4
≥ 400	2.1	81.1	84.2	86.1	91.5	93.2	94.8	95.2	95.3	96.2	96.7	96.8	97.3	97.4	97.6	98.2
≥ 300	2.1	81.1	84.2	86.1	91.5	93.3	95.2	95.5	95.6	96.7	97.1	97.3	97.9	98.0	98.2	98.8
≥ 200	2.1	81.1	84.2	86.1	91.5	93.3	95.3	95.6	95.8	96.8	97.3	97.4	98.2	98.5	98.9	99.7
≥ 100	2.1	81.1	84.2	86.1	91.5	93.3	95.3	95.6	95.8	96.8	97.3	97.4	98.3	98.6	99.2	100.0
≥ 0	2.1	81.1	84.2	86.1	91.5	93.3	95.3	95.6	95.8	96.8	97.3	97.4	98.3	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 660

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

72[illegible]40	PATUXENT RIVER NAS MD	73-80	FEB
STATION	STATION NAME	YEARS	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	1.6	50.3	50.6	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	1.6	60.9	62.0	62.4	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	1.6	61.2	62.3	62.7	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 16000	1.6	61.4	62.4	62.9	63.3	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	1.6	61.8	62.9	63.3	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	1.6	63.0	64.1	64.5	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	1.6	65.0	66.0	66.5	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	1.6	65.4	66.5	66.9	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	1.6	68.0	69.2	69.6	70.1	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 7000	1.6	68.3	69.5	70.1	70.7	71.0	71.4	71.6	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	1.6	68.9	70.1	70.7	71.3	71.7	72.2	72.3	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	1.6	70.2	71.7	72.5	73.1	73.5	74.0	74.1	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4500	1.6	72.0	73.5	74.4	75.1	75.6	76.0	76.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	1.6	73.4	75.0	76.0	76.8	77.2	78.0	78.1	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3500	1.6	74.3	76.2	77.2	78.0	78.4	79.2	79.3	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	1.6	75.0	77.1	78.4	79.3	79.9	80.8	81.0	81.0	81.1	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	1.6	75.1	77.7	79.2	80.2	81.0	81.9	82.0	82.0	82.2	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	1.6	75.6	78.7	80.4	82.0	82.8	83.8	84.0	84.0	84.1	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800	1.6	75.6	78.7	80.7	82.3	83.1	84.1	84.3	84.3	84.4	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	1.6	76.2	79.3	81.7	83.5	84.3	85.5	85.6	85.6	85.9	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	1.6	77.1	80.4	82.9	84.7	85.5	86.7	86.8	86.8	87.3	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000	1.6	77.1	81.0	83.7	85.8	86.7	87.9	88.0	88.0	88.6	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900	1.6	77.1	81.0	84.1	86.5	87.4	88.8	89.1	89.1	89.8	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	1.6	77.2	81.4	84.7	87.3	88.3	90.1	90.4	90.6	91.3	91.8	91.8	91.8	91.8	91.8	91.8
≥ 700	1.6	77.2	81.7	85.3	88.0	89.1	91.2	91.6	91.8	92.5	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	1.6	77.4	81.9	85.8	88.6	89.7	91.9	92.4	92.5	93.3	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	1.6	77.4	81.9	85.8	88.6	90.0	92.4	92.8	93.1	94.0	94.8	94.8	95.1	95.1	95.1	95.1
≥ 400	1.6	77.5	82.0	85.9	88.8	90.4	93.0	93.4	93.7	94.9	95.7	95.7	96.1	96.1	96.1	96.6
≥ 300	1.6	77.5	82.2	86.1	88.9	90.6	93.4	94.0	94.3	96.0	96.9	96.9	97.5	97.5	97.5	97.9
≥ 200	1.6	77.5	82.2	86.1	88.9	90.6	93.4	94.0	94.3	96.1	97.3	97.3	98.1	98.1	98.2	98.8
≥ 100	1.6	77.5	82.2	86.1	88.9	90.6	93.4	94.0	94.3	96.1	97.5	97.5	98.2	98.2	98.8	99.9
≥ 0	1.6	77.5	82.2	86.1	88.9	90.6	93.4	94.0	94.3	96.1	97.5	97.5	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 668

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

724 140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.5	54.6	55.5	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2	57.3
≥ 20000	.5	62.3	63.4	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.4
≥ 18000	.5	62.3	63.4	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.4
≥ 16000	.5	62.3	63.4	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.4
≥ 14000	.5	62.3	63.5	64.9	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.4	65.5
≥ 12000	.5	64.1	65.4	66.7	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.3
≥ 10000	.5	65.4	66.6	67.9	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.4	68.5
≥ 9000	.5	65.4	66.6	67.9	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.4	68.5
≥ 8000	.5	68.1	69.3	70.8	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.7
≥ 7000	.5	68.7	70.0	71.6	71.7	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.5
≥ 6000	.5	69.3	70.7	72.2	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.2
≥ 5000	.5	71.4	73.1	74.6	74.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.6
≥ 4500	.5	72.4	74.0	75.5	76.4	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.2	77.3
≥ 4000	.5	73.1	75.8	77.3	78.5	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.6
≥ 3500	.5	74.4	76.7	78.2	79.6	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.6
≥ 3000	.5	74.9	77.6	79.4	80.8	80.9	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.1
≥ 2500	.5	76.6	79.3	81.1	82.6	82.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.3
≥ 2000	.5	77.2	80.3	82.3	84.1	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.8
≥ 1800	.5	77.2	80.3	82.5	84.4	84.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.1
≥ 1500	.5	77.3	80.5	82.9	84.9	85.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.7
≥ 1200	.5	77.3	80.5	82.9	84.9	85.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.8
≥ 1000	.5	77.6	80.9	83.8	86.1	86.5	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.2	88.4
≥ 900	.5	77.6	80.9	83.8	86.1	86.5	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.4	88.5
≥ 800	.5	77.6	81.1	84.1	86.4	86.8	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	89.0	89.1
≥ 700	.5	77.8	81.5	84.7	87.3	87.7	90.0	90.0	90.0	90.2	90.5	90.5	90.5	90.5	90.6	90.8
≥ 600	.5	77.9	81.8	85.0	87.9	88.4	90.8	90.8	90.8	91.2	91.7	91.7	91.8	91.8	92.0	92.1
≥ 500	.5	78.4	82.6	86.1	89.1	89.7	92.1	92.1	92.1	92.7	93.3	93.3	93.5	93.5	93.6	93.8
≥ 400	.5	78.4	82.6	86.1	89.6	90.2	92.7	92.9	92.9	93.5	94.3	94.4	94.6	94.6	94.7	95.0
≥ 300	.5	78.4	82.6	86.1	89.6	90.2	92.7	92.9	92.9	93.8	94.6	94.7	94.9	95.0	95.6	95.9
≥ 200	.5	78.4	82.6	86.1	89.6	90.2	92.7	93.0	93.0	94.1	95.0	95.2	95.5	95.6	96.4	96.7
≥ 100	.5	78.4	82.6	86.1	89.6	90.2	93.0	93.3	93.3	94.4	95.3	95.5	96.1	96.2	97.4	98.8
≥ 0	.5	78.4	82.6	86.1	89.6	90.2	93.0	93.3	93.3	94.4	95.3	95.5	96.1	96.4	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 661

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

724 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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		57.4	57.9	59.4	59.8	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000		61.1	61.8	63.3	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000		61.1	61.8	63.3	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 16000		61.1	61.8	63.3	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 14000		61.5	62.3	63.9	64.4	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000		62.6	63.3	65.0	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000		66.9	67.7	69.3	69.9	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 9000		67.1	67.8	69.5	70.1	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000		69.2	69.9	72.0	72.6	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 7000		70.1	70.8	72.9	73.5	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.3
≥ 6000		70.8	71.6	73.7	74.3	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.0
≥ 5000		71.6	72.3	74.4	75.0	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.8
≥ 4500		74.1	75.5	77.7	78.5	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.2
≥ 4000		75.9	77.6	80.0	80.9	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.7
≥ 3500		76.2	77.9	80.3	81.2	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.0
≥ 3000		76.4	78.3	80.9	81.8	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6
≥ 2500		76.8	78.8	81.7	82.6	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.3
≥ 2000		77.6	79.7	82.7	83.9	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.7
≥ 1800		77.7	79.8	82.9	84.1	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.8
≥ 1500		78.5	80.8	84.2	85.7	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.5
≥ 1200		78.8	81.1	84.5	86.2	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.1
≥ 1000		79.4	81.8	85.4	87.2	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.4
≥ 900		79.5	82.1	85.9	87.7	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.0
≥ 800		79.7	82.3	86.0	87.8	88.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.2
≥ 700		80.0	82.6	86.5	88.3	88.9	89.5	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.2
≥ 600		80.0	82.6	86.5	88.4	89.3	90.1	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.8
≥ 500		80.5	83.2	87.4	89.8	90.8	91.6	92.0	92.0	92.0	92.3	92.3	92.6	92.6	92.6	92.9
≥ 400		80.5	83.3	87.7	90.7	92.0	92.9	93.7	93.7	93.7	94.0	94.0	94.3	94.3	94.4	94.7
≥ 300		80.6	83.8	88.3	91.4	93.1	94.0	95.2	95.2	95.2	95.5	95.5	95.8	95.8	96.1	96.4
≥ 200		80.6	83.9	88.4	91.7	93.4	94.3	95.5	95.5	95.5	95.8	95.8	96.1	96.1	96.4	96.7
≥ 100		80.6	83.9	88.4	91.7	93.5	94.4	96.1	96.1	96.1	96.4	96.4	96.8	96.8	97.6	98.6
≥ 0		80.6	83.9	88.4	91.7	93.5	94.4	96.1	96.1	96.1	96.4	96.4	96.8	96.8	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72406 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	.9	52.2	53.0	53.7	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	.9	60.0	61.0	61.8	62.2	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	.9	60.1	61.1	61.9	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7
≥ 16000	.9	60.1	61.2	61.9	62.4	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8
≥ 14000	.9	60.3	61.4	62.2	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 12000	.9	61.7	63.1	63.9	64.3	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.8	64.8
≥ 10000	.9	65.5	66.9	67.7	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6
≥ 9000	.9	65.8	67.1	68.0	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9
≥ 8000	.9	68.7	70.1	71.1	71.8	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.5
≥ 7000	.9	69.5	71.0	72.1	72.9	73.2	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.7	73.7
≥ 6000	.9	70.0	71.5	72.6	73.5	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.3	74.3
≥ 5000	.9	71.1	72.8	74.0	74.8	75.1	75.3	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.7	75.8
≥ 4500	.9	72.4	74.3	75.6	76.6	76.9	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.5	77.5
≥ 4000	.9	74.3	76.6	78.0	79.1	79.5	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.2	80.2
≥ 3500	.9	75.0	77.3	78.7	79.9	80.3	80.5	80.7	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.1
≥ 3000	.9	75.9	78.4	79.9	81.2	81.7	82.1	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.6	82.7
≥ 2500	.9	76.5	79.0	80.7	82.1	82.6	83.1	83.3	83.3	83.4	83.5	83.5	83.6	83.6	83.7	83.8
≥ 2000	.9	77.2	80.0	81.7	83.4	83.9	84.4	84.6	84.6	84.7	84.8	84.8	84.9	84.9	85.0	85.0
≥ 1800	.9	77.3	80.1	81.9	83.5	84.1	84.5	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.2
≥ 1500	.9	78.0	80.8	82.8	84.6	85.1	85.7	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.5
≥ 1200	.9	78.5	81.5	83.6	85.4	86.0	86.5	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.3	87.4
≥ 1000	.9	79.0	82.1	84.4	86.5	87.1	87.9	88.1	88.2	88.5	88.6	88.6	88.7	88.7	88.9	89.0
≥ 900	.9	79.1	82.4	84.7	86.9	87.5	88.3	88.6	88.7	89.1	89.2	89.2	89.3	89.3	89.4	89.5
≥ 800	.9	79.3	82.6	85.1	87.4	88.1	89.0	89.4	89.4	89.8	89.9	90.0	90.1	90.1	90.2	90.3
≥ 700	.9	79.4	82.8	85.4	87.9	88.6	89.7	90.1	90.2	90.6	90.7	90.8	90.9	90.9	91.0	91.1
≥ 600	.9	79.4	83.0	85.7	88.4	89.2	90.4	90.8	90.9	91.4	91.6	91.6	91.8	91.8	91.9	92.0
≥ 500	.9	79.6	83.2	86.1	89.0	89.9	91.3	91.8	91.9	92.5	92.9	92.9	93.2	93.2	93.4	93.5
≥ 400	.9	79.7	83.5	86.5	89.7	90.7	92.3	93.0	93.1	93.8	94.2	94.2	94.6	94.7	95.0	95.2
≥ 300	.9	79.8	83.6	86.6	90.1	91.2	92.9	93.9	94.0	94.8	95.3	95.3	95.8	95.9	96.3	96.6
≥ 200	1.0	79.8	83.6	86.7	90.2	91.4	93.2	94.1	94.3	95.2	95.7	95.8	96.5	96.7	97.2	97.6
≥ 100	1.0	79.8	83.6	86.7	90.2	91.4	93.2	94.3	94.5	95.5	96.1	96.1	97.0	97.2	98.0	99.3
≥ 0	1.0	79.8	83.7	86.7	90.2	91.4	93.2	94.3	94.5	95.5	96.1	96.1	97.0	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 5517

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

[illegible] (STATION) | PATUXENT RIVER NAS MD (STATION NAME) | 73-80 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.1	49.7	50.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	.1	54.3	54.7	56.1	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 18000	.1	54.3	54.7	56.1	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 16000	.1	54.3	54.7	56.1	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 14000	.1	54.7	55.1	56.5	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 12000	.1	55.4	55.8	57.2	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	.1	61.0	61.4	62.8	63.3	63.3	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.9
≥ 9000	.1	61.1	61.6	62.9	63.5	63.5	63.6	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	64.0
≥ 8000	.1	65.4	65.8	67.3	68.0	68.0	68.1	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.7
≥ 7000	.1	66.6	67.0	68.5	69.2	69.2	69.4	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.9
≥ 6000	.1	67.0	67.4	68.9	69.6	69.6	69.8	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.3
≥ 5000	.1	68.1	68.8	70.5	71.3	71.3	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	72.0
≥ 4500	.1	70.6	71.7	73.6	74.4	74.4	74.6	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.1
≥ 4000	.1	72.6	74.0	76.3	77.2	77.2	77.3	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8
≥ 3500	.1	72.9	74.3	76.7	77.8	77.8	78.0	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.7
≥ 3000	.1	75.0	76.5	79.3	80.6	80.6	80.7	81.0	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.4
≥ 2500	.3	75.8	77.4	80.4	81.7	81.7	81.8	82.1	82.1	82.2	82.4	82.4	82.4	82.4	82.4	82.5
≥ 2000	.3	76.3	78.1	81.7	82.9	82.9	83.0	83.3	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.7
≥ 1800	.3	76.5	78.9	82.1	83.4	83.4	83.6	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.3
≥ 1500	.3	76.9	79.3	82.6	84.3	84.3	84.4	84.7	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.1
≥ 1200	.3	77.2	79.6	83.2	84.8	84.8	85.0	85.2	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.6
≥ 1000	.3	78.0	81.1	85.4	87.1	87.1	87.3	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	88.0
≥ 900	.3	78.1	81.5	86.0	87.8	88.0	88.4	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	89.1
≥ 800	.3	78.1	81.7	86.5	88.2	88.4	88.9	89.2	89.2	89.3	89.5	89.5	89.5	89.5	89.5	89.6
≥ 700	.3	78.5	82.2	87.1	89.2	89.3	90.0	90.3	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.7
≥ 600	.3	78.8	82.5	87.4	89.6	89.7	90.6	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.2
≥ 500	.3	78.9	82.8	88.0	90.2	90.4	91.2	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.9
≥ 400	.3	79.1	83.0	88.6	91.2	91.7	92.7	93.0	93.0	93.3	93.6	93.6	93.7	93.7	93.7	93.8
≥ 300	.3	79.2	83.2	88.8	91.7	92.5	93.8	94.1	94.1	94.5	94.9	94.9	95.1	95.1	95.1	95.2
≥ 200	.3	79.2	83.2	88.8	91.8	92.6	94.1	94.4	94.4	95.1	95.8	95.8	96.2	96.2	96.3	96.4
≥ 100	.3	79.2	83.2	88.8	91.9	92.9	94.4	94.7	94.7	95.5	96.3	96.3	96.9	97.0	98.1	99.2
≥ 0	.3	79.2	83.2	88.8	91.9	92.9	94.4	94.7	94.7	95.5	96.3	96.3	96.9	97.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 731

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

724 140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅝	≥½	≥¼	≥5/16	≥0	
NO CEILING		45.5	46.4	48.5	49.2	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	50.0
≥ 20000		51.5	52.8	55.0	55.8	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.6
≥ 18000		51.5	52.8	55.0	55.8	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.6
≥ 16000		51.5	52.8	55.0	55.8	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.6
≥ 14000		51.5	52.8	55.0	55.8	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.6
≥ 12000		51.8	53.2	55.4	56.2	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	57.0
≥ 10000		56.1	57.7	59.9	60.9	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.7
≥ 9000		56.2	57.9	60.1	61.0	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.8
≥ 8000		61.3	62.9	65.2	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.9
≥ 7000		62.1	63.8	66.0	66.9	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.8
≥ 6000		62.1	63.8	66.0	66.9	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.8
≥ 5000		62.9	64.6	66.8	67.8	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.6
≥ 4500		65.2	66.8	69.1	70.1	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7	70.9
≥ 4000		66.8	68.5	70.9	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5	72.7
≥ 3500		67.2	69.0	71.5	72.5	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.3
≥ 3000		68.2	70.8	73.8	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.8
≥ 2500		69.6	72.6	76.0	77.3	77.4	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	78.0	78.2
≥ 2000		69.8	73.3	77.0	78.9	79.1	79.2	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.6	79.9
≥ 1800		70.1	73.6	77.3	79.2	79.3	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.9	80.2
≥ 1500		70.8	74.4	78.2	80.4	80.9	81.0	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.4	81.7
≥ 1200		70.9	74.7	78.7	81.0	81.4	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.1	82.4
≥ 1000		71.5	75.5	79.6	82.1	82.5	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.6
≥ 900		72.0	76.2	80.7	83.3	83.9	84.3	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.8	85.1
≥ 800		72.5	77.0	81.7	84.4	85.0	85.4	85.5	85.5	85.7	85.8	85.8	85.8	85.8	86.0	86.2
≥ 700		72.6	77.4	82.4	85.4	86.0	86.4	86.5	86.5	86.8	86.9	86.9	86.9	86.9	87.1	87.3
≥ 600		72.6	77.4	82.5	85.5	86.2	86.6	86.8	86.8	87.1	87.3	87.3	87.3	87.3	87.5	87.7
≥ 500		72.9	77.7	83.1	86.5	87.3	88.2	88.8	88.8	89.4	89.7	89.7	89.7	89.7	89.8	90.1
≥ 400		72.9	77.7	83.2	87.3	88.3	89.1	90.1	90.1	90.8	91.2	91.2	91.6	91.6	91.7	92.1
≥ 300		72.9	77.7	83.2	87.6	88.7	89.7	90.8	90.8	92.0	92.7	92.7	93.4	93.4	93.5	93.9
≥ 200		72.9	77.7	83.5	88.2	89.5	90.5	91.7	91.9	93.3	93.9	94.1	94.8	94.9	95.0	95.6
≥ 100		72.9	77.7	83.5	88.2	89.5	90.5	91.7	91.9	93.3	94.1	94.2	96.0	96.3	97.1	98.5
≥ 0		72.9	77.7	83.5	88.2	89.5	90.5	91.7	91.9	93.3	94.1	94.2	96.0	96.3	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 726

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72- 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.1	39.1	39.6	41.4	43.0	43.1	43.7	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.5	44.6
≥ 20000	1.2	45.1	47.0	49.0	50.6	50.8	51.3	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.3	52.4
≥ 18000	1.3	45.2	47.1	49.1	50.8	50.9	51.5	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.4	52.6
≥ 16000	1.3	45.2	47.1	49.1	50.8	50.9	51.5	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.4	52.6
≥ 14000	1.3	45.2	47.1	49.1	50.8	50.9	51.5	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.4	52.6
≥ 12000	1.3	46.3	48.3	50.2	52.0	52.2	52.7	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.7	53.8
≥ 10000	1.0	51.0	54.1	56.1	57.9	58.0	58.8	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.8	59.9
≥ 9000	1.0	51.5	54.8	56.7	58.6	58.7	59.5	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.5	60.6
≥ 8000	1.0	55.2	58.8	60.9	62.9	63.0	63.8	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.8	65.0
≥ 7000	1.0	55.9	59.5	61.6	63.6	63.7	64.5	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.5	65.8
≥ 6000	1.0	56.7	60.4	62.4	64.4	64.5	65.4	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.3	66.6
≥ 5000	1.1	57.9	61.6	63.8	65.9	66.2	67.0	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.2	68.4
≥ 4500	1.1	59.8	63.6	65.8	67.9	68.2	69.1	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.2	70.5
≥ 4000	1.1	62.3	66.3	68.6	70.7	70.9	71.9	72.6	72.6	72.9	72.9	72.9	72.9	72.9	73.0	73.3
≥ 3500	1.1	63.3	67.5	69.7	72.3	72.6	73.9	74.5	74.5	74.8	74.8	74.8	74.8	74.8	75.0	75.2
≥ 3000	1.1	64.5	69.0	71.5	74.3	75.0	76.2	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.3	77.6
≥ 2500	1.1	65.5	70.2	72.9	75.7	76.4	77.6	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.7	79.0
≥ 2000	1.1	66.3	71.2	74.1	77.3	78.0	79.4	80.1	8 .1	80.5	80.7	80.7	80.7	80.7	80.8	81.1
≥ 1800	1.1	66.3	71.2	74.3	77.5	78.2	79.6	80.3	80.3	80.7	80.8	80.8	80.8	80.8	80.9	81.2
≥ 1500	1.1	66.8	71.6	75.0	78.3	79.0	80.4	81.2	81.2	81.6	81.8	81.8	81.9	81.9	82.1	82.3
≥ 1200	1.1	66.9	72.0	75.4	78.9	79.6	80.9	81.8	81.8	82.2	82.3	82.3	82.5	82.5	82.6	82.9
≥ 1000	1.1	67.5	73.0	77.1	80.8	81.5	83.2	84.1	84.1	84.6	84.7	84.7	84.8	84.8	85.0	85.5
≥ 900	1.1	67.3	73.2	77.5	81.4	82.1	83.9	84.8	84.8	85.3	85.4	85.4	85.5	85.5	85.7	86.0
≥ 800	1.1	67.3	73.3	77.7	82.2	82.9	84.7	86.0	86.0	86.5	86.6	86.6	86.8	86.8	86.9	87.2
≥ 700	1.3	67.5	73.6	78.3	82.8	83.4	85.3	86.5	86.5	87.2	87.5	87.5	87.6	87.6	87.8	88.0
≥ 600	1.3	67.6	73.9	78.6	83.4	84.3	86.2	87.8	87.8	88.6	88.9	88.9	89.0	89.0	89.2	89.4
≥ 500	1.3	67.6	74.0	78.7	83.7	84.7	86.9	88.5	88.5	89.7	90.0	90.0	90.1	90.1	90.4	90.7
≥ 400	1.3	67.6	74.0	79.0	84.1	85.3	87.9	89.4	89.4	90.8	91.4	91.4	91.7	91.7	91.9	92.4
≥ 300	1.3	67.6	74.0	79.0	84.1	85.3	88.2	89.8	89.8	91.5	92.4	92.5	92.8	92.8	93.0	93.5
≥ 200	1.3	67.6	74.0	79.0	84.1	85.4	88.3	90.4	90.5	92.5	93.9	94.0	94.3	95.5	96.4	97.1
≥ 100	1.3	67.6	74.0	79.0	84.1	85.4	88.3	90.4	90.5	92.5	94.0	94.2	95.4	95.8	97.4	99.2
≥ 0	1.3	67.6	74.0	79.0	84.1	85.4	88.3	90.4	90.5	92.5	94.0	94.2	95.4	95.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72240 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	1.6	48.7	41.7	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	1.6	49.1	50.6	52.1	52.4	52.4	52.7	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 18000	1.6	49.4	51.0	52.5	52.8	52.8	53.1	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000	1.6	49.7	51.3	52.8	53.1	53.1	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 14000	1.6	50.1	51.7	53.2	53.5	53.5	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	1.6	51.9	53.5	55.0	55.6	55.6	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	1.6	57.5	59.1	60.6	61.2	61.2	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	1.6	57.5	59.1	60.6	61.2	61.2	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000	1.6	60.6	62.7	64.2	64.7	64.7	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 7000	1.6	62.0	64.2	65.8	66.5	66.5	66.8	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 6000	1.6	62.6	64.7	66.4	67.1	67.1	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.8
≥ 5000	2.1	65.6	67.8	69.4	70.4	70.5	70.8	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 4500	2.1	65.8	68.0	70.0	71.1	71.2	71.6	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.0
≥ 4000	2.1	68.4	70.8	72.7	74.2	74.5	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 3500	2.2	70.2	72.6	74.6	76.3	76.5	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 3000	2.2	72.4	74.9	77.4	79.3	79.6	80.1	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.5
≥ 2500	2.2	73.1	75.7	78.6	80.7	81.1	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 2000	2.2	73.5	76.1	79.0	81.1	81.5	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 1800	2.2	73.5	76.1	79.0	81.1	81.5	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 1500	2.2	73.9	77.2	80.2	82.6	83.0	83.5	83.7	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.2
≥ 1200	2.2	74.5	78.2	81.2	83.7	84.6	85.2	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.9
≥ 1000	2.2	74.5	78.9	82.2	84.8	85.9	86.4	86.8	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.5
≥ 900	2.2	74.6	79.0	82.4	85.2	86.6	87.1	87.5	87.5	87.8	88.1	88.1	88.1	88.1	88.1	88.2
≥ 800	2.2	74.6	79.0	82.4	85.2	86.7	87.4	87.8	87.8	88.3	88.8	88.8	88.8	88.8	88.8	88.9
≥ 700	2.2	74.6	79.0	82.6	85.5	87.1	87.8	88.3	88.3	89.0	89.6	89.6	89.6	89.6	89.6	89.7
≥ 600	2.2	74.6	79.1	82.7	85.7	87.8	88.6	89.2	89.2	89.8	90.7	90.7	90.8	90.8	90.8	90.9
≥ 500	2.2	74.6	79.1	82.9	86.0	88.2	89.2	89.8	89.8	90.8	91.8	91.8	92.2	92.2	92.3	92.6
≥ 400	2.2	74.6	79.1	82.9	86.0	88.2	89.3	90.3	90.3	91.5	93.0	93.0	93.7	93.7	94.0	94.2
≥ 300	2.2	74.6	79.1	82.9	86.3	88.5	89.6	90.9	90.9	92.7	94.4	94.4	95.1	95.1	95.6	95.9
≥ 200	2.2	74.6	79.1	82.9	86.4	88.6	90.0	91.8	91.8	93.8	95.5	95.5	96.8	97.1	98.2	98.9
≥ 100	2.2	74.6	79.1	82.9	86.4	88.6	90.0	91.8	91.8	93.8	95.5	95.5	96.8	97.1	98.2	100.0
≥ 0	2.2	74.6	79.1	82.9	86.4	88.6	90.0	91.8	91.8	93.8	95.5	95.5	96.8	97.1	98.2	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 VIS

74-80 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 75-80 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16
NO CEILING	2.2	38.2	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	2.2	48.8	50.8	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	2.2	49.0	51.2	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000	2.2	49.1	51.9	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	2.2	50.1	52.5	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 12000	2.2	51.2	53.6	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	2.2	55.9	58.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 9000	2.2	56.0	58.8	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	2.2	58.9	62.2	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 7000	2.4	59.7	63.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000	2.2	60.8	64.4	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	2.2	62.1	65.8	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4500	2.2	62.7	66.6	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4000	2.2	65.9	69.9	71.8	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3500	2.3	68.6	72.7	74.8	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3000	2.6	72.1	77.1	79.2	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	2.6	73.0	78.2	80.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2000	2.6	73.7	79.0	81.4	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	2.6	74.0	79.3	81.8	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	2.6	74.4	80.1	82.7	84.1	84.2	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8
≥ 1200	2.6	74.8	80.7	83.3	85.2	85.3	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0
≥ 1000	2.6	75.2	81.1	84.4	86.7	86.8	87.3	87.7	87.8	87.8	87.9	87.9	88.1	88.1
≥ 900	2.6	75.3	81.2	84.7	87.0	87.1	87.5	87.9	88.2	88.4	88.5	88.5	88.6	88.6
≥ 800	2.6	75.3	81.4	85.3	88.2	88.4	89.0	89.5	89.7	90.0	90.1	90.1	90.3	90.3
≥ 700	2.6	75.5	81.5	85.5	88.8	88.9	89.6	90.4	90.7	91.1	91.2	91.2	91.4	91.4
≥ 600	2.6	75.8	81.8	86.0	90.0	90.7	91.5	92.9	93.2	94.0	94.4	94.4	94.5	94.5
≥ 500	2.6	75.9	81.9	86.2	90.4	91.4	92.5	94.5	94.8	96.0	96.6	96.6	96.7	96.
≥ 400	2.6	75.9	81.9	86.2	90.4	91.4	92.6	94.8	95.1	96.4	97.0	97.0	97.1	97.
≥ 300	2.6	75.9	81.9	86.3	90.5	91.6	92.9	95.1	95.3	96.7	97.5	97.5	98.1	98.
≥ 200	2.6	75.9	81.9	86.3	90.5	91.6	92.9	95.1	95.3	96.7	97.9	98.1	99.0	99.
≥ 100	2.6	75.9	81.9	86.3	90.5	91.6	92.9	95.1	95.3	96.7	97.9	98.1	99.0	99.
≥ 0	2.6	75.9	81.9	86.3	90.5	91.6	92.9	95.1	95.3	96.7	97.9	98.1	99.0	99.

TOTAL NUMBER OF OBSERVATIONS ____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72406 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	1.1	39.5	40.8	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 20000	1.1	51.0	52.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 18000	1.1	51.0	52.7	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 16000	1.1	51.7	53.4	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	1.1	52.8	54.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000	1.1	54.4	55.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	1.1	57.0	59.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	1.1	57.3	59.2	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	1.1	61.3	63.2	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 7000	1.1	63.7	65.8	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 6000	1.1	64.6	66.6	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	1.4	66.3	68.4	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4500	1.4	68.8	71.0	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	1.4	71.3	73.7	75.5	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3500	1.4	72.6	75.1	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	1.8	76.5	79.5	81.9	81.9	81.9	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500	1.8	77.2	80.6	83.0	83.0	83.0	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	1.8	77.6	81.7	84.4	84.4	84.4	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1800	1.8	77.8	81.9	84.7	84.7	84.7	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	1.5	78.7	82.8	85.5	85.8	85.9	86.3	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 1200	1.6	78.8	82.9	86.2	86.5	86.7	87.3	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.8	87.8
≥ 1000	1.6	79.2	83.9	87.3	87.8	88.2	88.9	89.1	89.1	89.5	89.5	89.5	89.6	89.6	89.7	89.9
≥ 900	1.6	79.6	84.5	88.0	88.8	89.3	90.0	90.2	90.2	90.7	90.7	90.7	90.8	90.8	91.0	91.1
≥ 800	1.6	79.8	84.8	88.8	89.7	90.3	91.1	91.2	91.2	91.8	91.8	91.8	91.9	91.9	92.1	92.2
≥ 700	1.6	80.0	85.1	89.3	90.7	91.5	92.5	92.7	92.7	93.3	93.3	93.3	93.4	93.4	93.6	93.7
≥ 600	1.6	80.3	85.5	89.7	91.4	92.7	93.8	94.3	94.3	94.8	94.8	94.8	94.9	94.9	95.1	95.2
≥ 500	1.6	80.4	85.6	90.0	91.7	93.0	94.3	94.8	95.1	95.6	95.6	95.6	95.8	95.8	95.9	96.0
≥ 400	1.6	80.6	85.8	90.2	91.8	93.2	94.4	95.3	95.6	96.2	96.2	96.2	96.3	96.3	96.6	96.7
≥ 300	1.6	80.6	85.8	90.2	91.9	93.3	94.7	95.8	96.0	96.7	96.7	96.7	97.0	97.0	97.3	97.5
≥ 200	1.6	80.6	85.8	90.2	91.9	93.3	94.7	95.9	96.2	96.9	97.0	97.0	98.1	98.2	98.5	99.2
≥ 100	1.6	80.6	85.8	90.2	91.9	93.3	94.7	95.9	96.2	96.9	97.0	97.0	98.1	98.2	98.9	99.9
≥ 0	1.6	80.6	85.8	90.2	91.9	93.3	94.7	95.9	96.2	96.9	97.0	97.0	98.1	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 731

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1¼	≥1	≥⅞	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	.4	46.0	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.1
≥ 20000	.4	53.6	55.5	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5
≥ 18000	.4	53.7	55.6	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 16000	.4	53.7	55.6	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 14000	.4	54.4	56.6	57.3	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
≥ 12000	.4	56.5	58.7	59.3	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8
≥ 10000	.4	59.8	62.1	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2
≥ 9000	.4	59.8	62.1	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2
≥ 8000	.4	65.4	67.7	68.7	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2
≥ 7000	.4	66.9	69.2	70.2	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 6000	.4	67.4	69.8	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 5000	.5	68.7	71.3	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 4500	.5	70.6	73.4	74.5	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
≥ 4000	.5	73.1	76.1	77.2	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9
≥ 3500	.5	73.9	77.1	78.2	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
≥ 3000	.5	76.2	79.9	81.2	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 2500	.5	77.7	81.9	83.4	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.5
≥ 2000	.5	78.7	83.2	85.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7
≥ 1800	.5	78.8	83.4	85.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0
≥ 1500	.5	79.0	83.5	85.7	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 1200	.5	79.1	83.9	86.4	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.2
≥ 1000	.5	79.8	84.9	87.4	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3
≥ 900	.5	79.8	84.9	87.4	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
≥ 800	.5	80.2	85.4	88.3	90.7	90.7	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 700	.5	80.5	86.0	89.1	91.6	91.6	92.3	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.7
≥ 600	.5	80.5	86.0	89.6	92.0	92.0	92.9	93.0	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.5
≥ 500	.5	80.9	86.4	90.0	92.9	92.9	93.8	94.0	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.8
≥ 400	.5	80.9	86.5	90.2	93.4	93.5	94.5	94.8	94.8	95.3	95.6	95.6	95.9	95.9	95.9	96.0
≥ 300	.5	81.0	86.7	90.4	93.5	93.7	94.8	95.2	95.2	96.2	96.4	96.4	97.0	97.0	97.1	97.3
≥ 200	.5	81.0	86.7	90.4	93.5	93.8	94.9	95.3	95.3	96.4	96.8	97.0	97.7	97.7	97.8	98.4
≥ 100	.5	81.0	86.7	90.4	93.5	93.8	94.9	95.3	95.3	96.7	97.1	97.3	98.2	98.4	98.9	99.5
≥ 0	.5	81.0	86.7	90.4	93.5	93.8	94.9	95.3	95.3	96.7	97.1	97.3	98.2	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 728

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

724 NO (STATION) | PATUXENT RIVER NAS MD (STATION NAME) | 73-80 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	.1	50.5	51.8	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 20000	.1	54.4	56.1	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	.1	54.4	56.1	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	.1	54.4	56.1	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	.1	54.6	56.2	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 12000	.1	55.8	57.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	.1	61.5	63.4	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	.1	61.5	63.4	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	.1	66.7	68.8	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	.1	68.1	70.1	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	.1	68.8	70.8	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	.1	70.4	72.7	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	.1	71.9	74.2	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	.1	74.1	76.5	78.2	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3500	.1	74.6	77.4	79.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3000	.1	75.4	78.2	80.2	80.5	80.5	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	.1	77.2	80.2	82.3	82.5	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	.1	78.0	81.7	83.8	84.2	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800	.1	78.4	82.3	84.3	84.7	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500	.1	79.4	83.4	85.4	85.8	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	.1	79.9	84.0	86.4	86.8	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	.1	80.6	85.3	88.5	88.7	88.7	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	.1	80.9	85.5	89.2	89.8	89.8	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	.1	81.0	85.9	89.6	90.6	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	.1	81.0	86.1	90.2	91.1	91.1	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 600	.1	81.2	86.5	90.9	92.4	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 500	.1	81.6	86.9	91.7	93.2	93.2	93.9	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	.1	81.6	86.9	91.7	93.5	93.6	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	.1	81.7	87.0	92.0	93.9	94.1	95.0	95.4	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 200	.1	81.7	87.0	92.0	93.9	94.1	95.1	95.9	95.9	96.5	96.7	96.7	97.3	97.3	97.4	97.4
≥ 100	.1	81.7	87.0	92.0	93.9	94.1	95.1	95.9	95.9	96.5	96.7	96.7	97.7	98.0	98.6	99.3
≥ 0	.1	81.7	87.0	92.0	93.9	94.1	95.1	95.9	95.9	96.5	96.7	96.7	97.7	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 733

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-[illegible] (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	.5	45.5	44.8	45.8	46.1	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4
≥ 20000	.8	51.0	52.5	53.8	54.2	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥ 18000	.9	51.1	52.7	53.9	54.4	54.4	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 16000	.8	51.3	52.9	54.1	54.6	54.6	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 14000	.8	51.7	53.3	54.6	55.0	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
≥ 12000	.8	52.9	54.5	55.8	56.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8
≥ 10000	.8	57.5	59.4	60.8	61.4	61.4	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 9000	.8	57.6	59.6	61.0	61.6	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1
≥ 8000	.8	61.9	64.0	65.6	66.2	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 7000	.8	63.2	65.4	67.0	67.6	67.7	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2
≥ 6000	.8	63.8	66.0	67.6	68.3	68.3	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.9
≥ 5000	.9	65.3	67.6	69.3	70.0	70.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.7
≥ 4500	.9	66.9	69.4	71.2	71.9	72.0	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
≥ 4000	.9	69.3	72.0	73.9	74.8	74.8	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.5
≥ 3500	1.0	70.4	73.2	75.3	76.2	76.3	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.1
≥ 3000	1.0	72.6	75.8	78.1	79.2	79.3	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1
≥ 2500	1.1	73.7	77.1	79.6	80.8	81.0	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.8
≥ 2000	1.1	74.3	78.1	80.8	82.2	82.4	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.3
≥ 1800	1.1	74.5	78.4	81.1	82.5	82.7	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.6
≥ 1500	1.1	75.0	79.1	81.9	83.6	83.8	84.2	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.8
≥ 1200	1.1	75.3	79.5	82.6	84.3	84.7	85.1	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.8
≥ 1000	1.1	75.8	80.5	84.0	85.9	86.2	86.8	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.5	87.6
≥ 900	1.1	76.0	80.8	84.5	86.5	87.0	87.6	87.9	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.5
≥ 800	1.1	76.1	81.1	85.1	87.4	87.9	88.6	88.9	89.0	89.3	89.4	89.4	89.4	89.4	89.5	89.6
≥ 700	1.1	76.3	81.4	85.6	88.1	88.6	89.4	89.9	89.9	90.3	90.4	90.4	90.5	90.5	90.5	90.7
≥ 600	1.1	76.4	81.6	85.9	88.8	89.5	90.4	91.0	91.0	91.5	91.7	91.7	91.8	91.8	91.8	92.0
≥ 500	1.1	76.6	81.8	86.3	89.3	90.1	91.2	92.0	92.1	92.7	93.0	93.0	93.2	93.2	93.3	93.4
≥ 400	1.1	76.7	81.9	86.5	89.7	90.6	91.9	92.8	92.9	93.7	94.1	94.1	94.4	94.4	94.5	94.7
≥ 300	1.1	76.7	81.9	86.6	90.0	91.0	92.3	93.4	93.5	94.5	95.1	95.2	95.6	95.6	95.7	95.9
≥ 200	1.1	76.7	81.9	86.6	90.1	91.1	92.6	93.8	93.9	95.1	95.9	96.0	96.9	97.0	97.4	97.9
≥ 100	1.1	76.7	81.9	86.6	90.1	91.2	92.6	93.9	94.0	95.2	96.1	96.2	97.3	97.5	98.4	99.4
≥ 0	1.1	76.7	81.9	86.6	90.1	91.2	92.6	93.9	94.0	95.2	96.1	96.2	97.3	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5827

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

724 140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅝	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	.4	55.8	57.4	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	.4	62.6	64.3	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	.4	62.6	64.3	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	.4	62.6	64.3	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	.4	62.6	64.3	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	.4	63.5	65.3	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	.4	68.3	70.6	71.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	.4	68.6	70.9	71.6	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	.4	74.9	77.3	78.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	.4	76.0	78.4	79.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	.4	77.4	79.8	80.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	.4	79.1	81.7	82.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	.4	80.1	82.7	83.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	.4	82.2	85.2	86.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	.4	83.0	85.9	87.4	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	.4	83.9	87.4	88.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	.4	84.5	88.1	89.6	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	.4	84.8	88.5	90.2	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	.4	84.9	88.6	90.3	91.5	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	.4	85.4	89.3	91.2	92.5	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	.4	85.7	89.6	91.6	92.9	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	.4	86.9	91.1	93.2	94.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	.4	86.9	91.1	93.5	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	.4	87.2	91.6	94.3	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	.4	87.2	91.6	94.3	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	.4	87.6	92.0	94.9	96.4	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	.4	87.8	92.2	95.3	97.0	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	.4	88.1	92.5	95.6	97.4	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	.4	88.1	92.5	95.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	.4	88.1	92.5	95.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 100	.4	88.1	92.5	95.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.9
= 0	.4	88.1	92.5	95.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 704

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	.1	54.6	57.2	58.0	58.7	58.9	59.2	59.3	59.3	59.5	59.5	59.6	59.6	59.6	59.6	59.6
≥ 20000	.1	58.0	60.9	61.9	62.6	62.7	63.0	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4
≥ 18000	.1	58.0	60.9	61.9	62.6	62.7	63.0	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4
≥ 16000	.1	58.0	60.9	61.9	62.6	62.7	63.0	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4
≥ 14000	.1	58.3	61.2	62.2	62.9	63.0	63.3	63.4	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7
≥ 12000	.1	58.7	61.6	62.7	63.4	63.6	63.9	64.0	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3
≥ 10000	.1	64.0	67.4	68.8	69.6	69.7	70.0	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.6	70.6
≥ 9000	.1	64.0	67.4	68.8	69.6	69.7	70.0	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.6	70.6
≥ 8000	.1	70.0	73.5	75.1	76.1	76.7	77.0	77.1	77.1	77.2	77.2	77.4	77.4	77.4	77.5	77.5
≥ 7000	.1	71.3	75.0	76.7	77.7	78.2	78.5	78.7	78.7	78.8	78.8	78.9	78.9	78.9	79.1	79.1
≥ 6000	.1	71.6	75.2	77.0	78.0	78.5	78.8	78.9	78.9	79.1	79.1	79.2	79.2	79.2	79.4	79.4
≥ 5000	.1	73.3	77.1	78.8	79.8	80.4	80.7	80.8	80.8	80.9	80.9	81.1	81.1	81.1	81.2	81.2
≥ 4500	.1	74.1	78.0	79.7	80.7	81.2	81.5	81.7	81.7	81.8	81.8	81.9	81.9	81.9	82.1	82.1
≥ 4000	.1	76.5	80.7	82.4	83.6	84.2	84.5	84.6	84.6	84.8	84.8	84.9	84.9	84.9	85.1	85.1
≥ 3500	.1	78.2	82.5	84.4	85.6	86.2	86.5	86.6	86.6	86.8	86.8	86.9	86.9	86.9	87.1	87.1
≥ 3000	.1	79.8	84.4	86.3	87.6	88.2	88.6	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.2	89.2
≥ 2500	.1	80.8	85.3	87.3	88.6	89.2	89.6	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.2	90.2
≥ 2000	.1	80.9	85.8	87.8	89.0	89.6	90.0	90.2	90.2	90.3	90.3	90.5	90.5	90.5	90.6	90.6
≥ 1800	.1	80.9	85.8	87.8	89.0	89.6	90.0	90.2	90.2	90.3	90.3	90.5	90.5	90.5	90.6	90.6
≥ 1500	.1	81.1	86.9	89.0	90.5	91.0	91.5	91.6	91.6	91.7	91.7	91.9	91.9	91.9	92.0	92.0
≥ 1200	.1	82.2	87.8	90.0	91.6	92.2	92.6	92.7	92.7	92.9	92.9	93.0	93.0	93.0	93.2	93.2
≥ 1000	.1	82.8	88.5	91.2	93.0	93.6	94.0	94.2	94.2	94.3	94.3	94.5	94.5	94.5	94.6	94.6
≥ 900	.1	82.8	88.6	91.3	93.3	93.9	94.3	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.9	94.9
≥ 800	.1	83.1	89.0	92.0	94.2	94.7	95.2	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.7	95.7
≥ 700	.1	83.4	89.3	92.3	94.5	95.0	95.4	95.6	95.6	95.7	95.7	95.9	95.9	95.9	96.0	96.0
≥ 600	.1	83.5	89.5	92.9	95.3	95.9	96.3	96.4	96.4	96.6	96.6	96.7	96.7	96.7	96.9	96.9
≥ 500	.1	83.8	89.9	93.5	95.9	96.6	97.0	97.2	97.2	97.4	97.4	97.6	97.6	97.6	97.7	97.7
≥ 400	.1	83.9	90.0	93.9	96.4	97.2	97.6	97.7	97.7	98.0	98.0	98.2	98.2	98.2	98.3	98.3
≥ 300	.1	83.9	90.0	93.9	96.4	97.2	97.9	98.0	98.0	98.3	98.3	98.4	98.4	98.4	98.6	98.6
≥ 200	.1	83.9	90.0	93.9	96.6	97.3	98.0	98.2	98.2	98.4	98.7	98.9	98.9	98.9	99.0	99.0
≥ 100	.1	83.9	90.0	93.9	96.6	97.3	98.0	98.2	98.2	98.6	98.9	99.0	99.0	99.1	99.3	99.7
≥ 0	.1	83.9	90.0	93.9	96.6	97.3	98.0	98.2	98.2	98.6	98.9	99.0	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 703

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

72400 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1½	≥1	≥⅝	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	.1	50.5	52.6	53.5	53.6	53.9	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	.3	56.1	58.5	59.8	59.9	60.2	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000	.3	56.1	58.5	59.8	59.9	60.2	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	.3	56.2	58.6	59.9	60.1	60.3	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	.3	56.3	58.8	60.1	60.2	60.5	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	.3	57.5	59.9	61.2	61.3	61.6	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1
≥ 10000	.3	62.3	64.8	66.2	66.3	66.8	67.0	67.0	67.0	67.0	67.3	67.3	67.3	67.3	67.5	67.5
≥ 9000	.3	63.3	65.8	67.2	67.3	67.8	68.0	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.5	68.5
≥ 8000	.3	68.8	71.5	72.9	73.5	74.2	74.8	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.2	75.2
≥ 7000	.3	69.9	72.6	74.0	74.6	75.3	75.9	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.3	76.3
≥ 6000	.3	71.0	73.9	75.3	75.9	76.6	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.7	77.7
≥ 5000	.3	72.2	75.0	76.5	77.3	78.0	78.7	78.7	78.7	78.7	79.0	79.0	79.0	79.0	79.2	79.2
≥ 4500	.3	73.3	76.2	77.6	78.6	79.3	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.5	80.5
≥ 4000	.3	75.5	78.5	80.0	81.3	82.0	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.2	83.2
≥ 3500	.3	76.2	79.2	80.9	82.2	82.9	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	84.0	84.0
≥ 3000	.3	77.6	80.9	82.9	84.3	85.2	85.9	85.9	85.9	86.2	86.4	86.4	86.4	86.4	86.6	86.6
≥ 2500	.3	78.7	82.0	84.7	86.4	87.3	88.0	88.0	88.0	88.3	88.6	88.6	88.6	88.6	88.7	88.7
≥ 2000	.3	79.3	82.9	85.6	87.4	88.3	89.0	89.0	89.0	89.3	89.6	89.6	89.7	89.7	89.9	89.9
≥ 1800	.3	79.6	83.2	85.9	87.7	88.6	89.3	89.3	89.3	89.6	89.9	89.9	90.0	90.0	90.2	90.2
≥ 1500	.3	80.3	83.9	86.6	88.4	89.3	90.0	90.0	90.0	90.3	90.6	90.6	90.7	90.7	90.9	90.9
≥ 1200	.3	80.6	84.5	87.4	89.4	90.3	91.0	91.0	91.0	91.3	91.6	91.6	91.7	91.7	91.9	91.9
≥ 1000	.3	81.3	85.6	88.7	91.0	91.9	92.6	92.6	92.6	93.0	93.3	93.3	93.4	93.4	93.6	93.6
≥ 900	.3	81.3	85.7	88.9	91.2	92.0	92.7	92.7	92.7	93.2	93.4	93.4	93.6	93.6	93.7	93.7
≥ 800	.3	81.6	86.0	89.3	91.6	92.4	93.2	93.2	93.2	93.6	93.9	93.9	94.0	94.0	94.2	94.2
≥ 700	.3	81.6	86.0	89.6	92.0	93.2	93.9	93.9	93.9	94.3	94.6	94.6	94.7	94.7	94.9	94.9
≥ 600	.3	81.7	86.4	90.0	92.4	93.6	94.3	94.4	94.6	95.0	95.3	95.3	95.4	95.4	95.6	95.6
≥ 500	.3	82.0	86.9	90.4	93.2	94.3	95.3	95.4	95.6	96.0	96.3	96.3	96.4	96.4	96.6	96.6
≥ 400	.3	82.0	86.9	90.4	93.2	94.3	95.3	95.4	95.6	96.0	96.4	96.4	96.7	96.7	96.9	96.9
≥ 300	.3	82.0	86.9	90.4	93.3	94.4	95.4	95.7	95.9	96.4	97.0	97.0	97.4	97.4	97.6	97.9
≥ 200	.3	82.0	86.9	90.4	93.3	94.4	95.4	95.7	95.9	96.7	97.3	97.3	98.0	98.1	98.4	99.0
≥ 100	.3	82.0	86.9	90.4	93.3	94.4	95.4	95.7	95.9	96.7	97.3	97.3	98.0	98.1	98.9	99.9
≥ 0	.3	82.0	86.9	90.4	93.3	94.4	95.4	95.7	95.9	96.7	97.3	97.3	98.0	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 701

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724	PATUXENT RIVER NAS MD	73-80	APR	0900-1100
STATION	STATION NAME	YEARS	MONTH	HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	1.6	52.7	53.7	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	1.6	59.9	61.1	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 18000	1.6	59.9	61.1	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	1.6	59.9	61.1	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	1.6	60.8	61.9	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	1.6	62.2	63.4	63.5	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 10000	1.6	66.3	67.5	67.9	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 9000	1.6	66.6	67.8	68.2	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	1.6	71.4	73.6	74.1	75.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	1.6	71.7	73.9	74.4	75.7	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 6000	1.6	73.2	75.5	75.9	77.1	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	1.6	74.7	76.8	77.6	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4500	1.6	76.1	78.3	79.1	80.5	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	1.6	78.7	80.8	81.8	83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	1.6	79.1	81.3	82.2	83.8	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	1.7	81.4	83.5	84.9	86.6	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	1.7	82.0	84.1	85.8	87.5	87.9	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	2.1	83.5	85.7	87.5	89.2	89.6	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	2.1	83.7	85.8	87.6	89.3	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	2.1	84.2	86.4	88.4	90.1	90.5	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	2.1	85.4	87.6	89.8	91.5	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	2.1	85.7	87.9	90.1	91.8	92.2	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	2.1	85.7	87.9	90.2	91.9	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	2.1	85.8	88.2	90.6	93.2	93.8	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	2.1	85.9	88.5	91.1	93.6	94.7	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	2.1	86.4	88.9	91.5	94.2	95.3	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	2.1	86.4	88.9	91.5	94.2	95.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	2.1	86.4	88.9	91.5	94.5	95.7	96.9	97.2	97.2	97.6	97.6	97.6	97.9	97.9	97.9	97.9
≥ 300	2.1	86.4	89.1	91.6	94.6	96.2	97.4	97.9	97.9	98.6	99.0	99.0	99.4	99.4	99.4	99.4
≥ 200	2.1	86.4	89.1	91.6	94.6	96.2	97.4	97.9	97.9	98.6	99.0	99.1	99.6	99.6	99.7	99.7
≥ 100	2.1	86.4	89.1	91.6	94.6	96.2	97.4	97.9	97.9	98.6	99.0	99.3	99.7	99.7	100.0	100.0
≥ 0	2.1	86.4	89.1	91.6	94.6	96.2	97.4	97.9	97.9	98.6	99.0	99.3	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 704

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724 140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	1.4	49.8	50.5	50.5	50.5	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	1.4	57.7	58.7	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	1.4	57.7	58.7	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	1.4	57.7	58.7	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	1.4	58.1	59.1	59.4	59.4	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	1.6	60.5	61.6	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	1.6	63.5	64.9	65.6	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	1.6	64.2	65.6	66.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	1.6	66.7	69.3	70.0	70.4	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	1.6	67.4	70.5	71.7	72.1	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	1.6	68.4	71.5	72.6	73.1	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	1.6	70.5	74.0	75.3	75.7	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	1.6	72.4	76.0	77.3	77.7	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	1.6	76.4	80.1	81.5	82.1	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3500	1.6	77.7	81.4	82.8	83.4	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	2.0	82.2	85.9	87.3	87.9	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	2.1	83.8	87.4	89.0	89.6	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	2.1	84.5	88.2	90.4	91.0	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	2.1	84.6	88.3	90.6	91.1	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	2.1	85.6	89.3	91.8	92.5	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	2.1	86.5	90.1	92.7	93.5	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	2.1	86.6	90.3	92.8	93.7	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	2.1	86.7	90.4	92.9	94.1	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	2.1	86.7	91.0	93.8	95.1	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	2.1	86.9	91.1	94.4	95.8	96.8	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	2.1	86.9	91.4	94.9	96.5	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	2.1	86.9	91.4	94.9	96.5	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	2.1	86.9	91.4	94.9	96.8	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	2.1	86.9	91.4	95.1	96.9	98.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	2.1	86.9	91.4	95.1	96.9	98.2	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	2.1	86.9	91.4	95.1	96.9	98.2	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	2.1	86.9	91.4	95.1	96.9	98.2	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 709

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

724 140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	1.3	45.5	46.3	46.5	46.7	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	1.3	55.0	56.0	56.6	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	1.3	55.0	56.0	56.6	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	1.3	55.4	56.4	57.0	57.1	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	1.3	55.6	56.6	57.1	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	1.3	57.3	58.7	59.4	59.5	59.5	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 10000	1.3	60.4	62.0	62.7	62.8	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 9000	1.3	61.0	62.5	63.2	63.4	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	1.3	65.9	68.0	69.0	69.3	69.3	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	1.3	66.8	69.6	71.0	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	1.3	66.8	69.6	71.1	71.4	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 5000	1.3	69.2	72.3	74.0	74.3	74.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	1.3	71.6	74.8	76.5	76.8	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	1.3	77.2	80.8	82.5	82.9	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3500	1.3	78.1	81.6	83.3	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	1.4	82.9	86.6	88.5	89.5	89.5	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	1.4	84.2	88.1	90.5	91.5	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	1.4	85.0	89.4	91.9	93.1	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	1.4	85.1	89.5	92.1	93.2	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	1.4	86.0	90.5	93.4	94.5	95.0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	1.4	86.0	90.5	93.4	94.5	95.0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	1.4	86.3	90.9	94.5	95.9	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	1.4	86.3	90.9	94.5	96.0	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	1.4	86.3	91.1	94.8	96.6	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	1.4	86.3	91.2	94.9	96.7	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	1.4	86.3	91.4	95.0	97.2	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	1.4	86.3	91.4	95.0	97.2	98.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	1.4	86.3	91.4	95.0	97.3	98.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	1.4	86.3	91.4	95.0	97.3	98.2	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	1.4	86.3	91.4	95.0	97.3	98.2	99.3	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	1.4	86.3	91.4	95.0	97.3	98.2	99.3	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	1.4	86.3	91.4	95.0	97.3	98.2	99.3	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 707

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥0	≥0
NO CEILING	.9	51.5	52.1	52.4	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	.9	60.0	60.9	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	.9	60.0	60.9	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	.9	60.0	60.9	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	.9	60.0	60.9	61.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 12000	.9	60.9	62.3	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	.9	65.6	67.5	68.6	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	.9	65.8	67.6	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000	.9	70.5	72.8	74.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	.9	71.7	74.0	75.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	.9	72.4	74.7	76.1	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	.9	74.1	76.4	77.8	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	.9	76.1	78.7	80.1	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	.9	79.3	81.9	83.5	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	.9	80.0	82.9	84.5	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	.9	82.7	86.2	88.2	89.9	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	.9	83.2	86.6	88.8	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	.9	84.6	88.2	90.5	92.4	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	.9	84.6	88.2	90.5	92.4	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	.9	85.0	89.2	91.7	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	.9	85.8	89.9	92.5	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	.9	86.2	90.4	93.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	.9	86.2	90.4	93.8	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	.9	86.3	90.6	94.1	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	.9	86.5	90.9	94.7	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	.9	86.5	90.9	94.8	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	.9	86.6	91.4	95.3	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 400	.9	86.6	91.4	95.3	97.8	98.4	98.7	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3
≥ 300	.9	86.6	91.4	95.3	97.8	98.4	98.7	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3
≥ 200	.9	86.6	91.4	95.3	97.8	98.4	98.7	99.0	99.0	99.1	99.3	99.3	99.4	99.4	99.6	99.6
≥ 100	.9	86.6	91.4	95.3	97.8	98.4	98.7	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.7	99.9
≥ 0	.9	86.6	91.4	95.3	97.8	98.4	98.7	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72540 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	.7	59.0	60.1	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	.7	64.7	66.3	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	.7	64.7	66.3	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	.7	64.7	66.3	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	.7	64.7	66.3	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	.7	65.7	67.4	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 10000	.7	70.3	72.3	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	.7	70.4	72.4	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	.7	74.6	76.6	77.7	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	.7	75.3	77.3	78.4	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	.7	75.9	77.9	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000	.7	77.7	79.7	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	.7	78.7	80.7	81.9	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	.7	80.4	82.9	84.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	.7	80.9	83.4	84.7	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	.7	82.6	85.1	86.7	88.0	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	.7	83.4	86.3	88.1	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	.7	84.3	87.4	90.1	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	.7	84.4	87.6	90.3	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1600	.7	86.1	89.9	93.0	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1400	.7	86.3	90.3	93.1	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	.7	86.7	90.6	93.9	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	.7	86.7	90.6	93.9	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	.7	87.0	90.9	94.1	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	.7	87.3	91.1	94.6	96.7	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	.7	87.4	91.3	94.9	97.0	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	.7	87.7	91.6	95.1	97.4	97.7	97.9	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3
≥ 500	.7	87.7	91.6	95.1	97.6	98.0	98.3	98.7	98.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0
≥ 400	.7	87.7	91.6	95.1	97.6	98.0	98.6	99.0	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3
≥ 300	.7	87.7	91.6	95.1	97.7	98.1	98.7	99.1	99.1	99.3	99.3	99.4	99.6	99.6	99.6	99.6
≥ 200	.7	87.7	91.6	95.1	97.7	98.1	98.7	99.1	99.1	99.3	99.3	99.4	99.6	99.6	99.6	100.0
≥ 100	.7	87.7	91.6	95.1	97.7	98.1	98.7	99.1	99.1	99.3	99.3	99.4	99.6	99.6	99.6	100.0
≥ 0	.7	87.7	91.6	95.1	97.7	98.1	98.7	99.1	99.1	99.3	99.3	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 700

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724 90 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

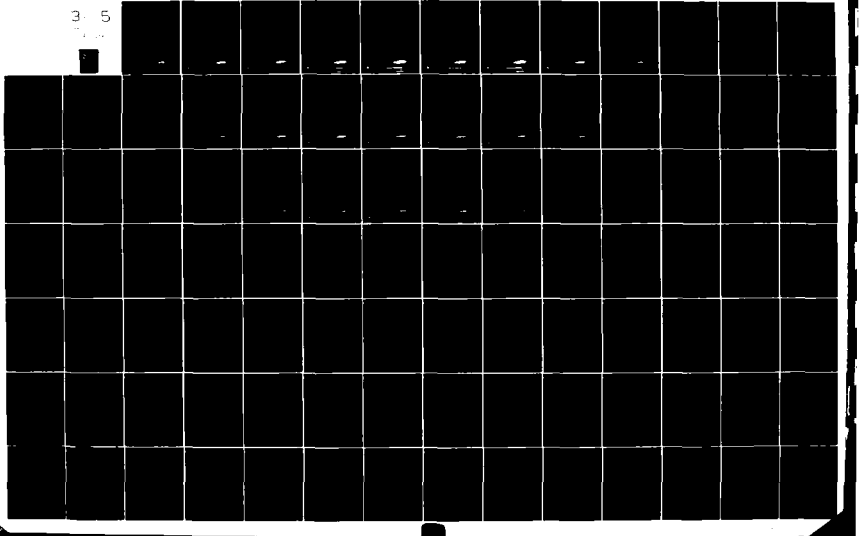
ALL (HOUR)

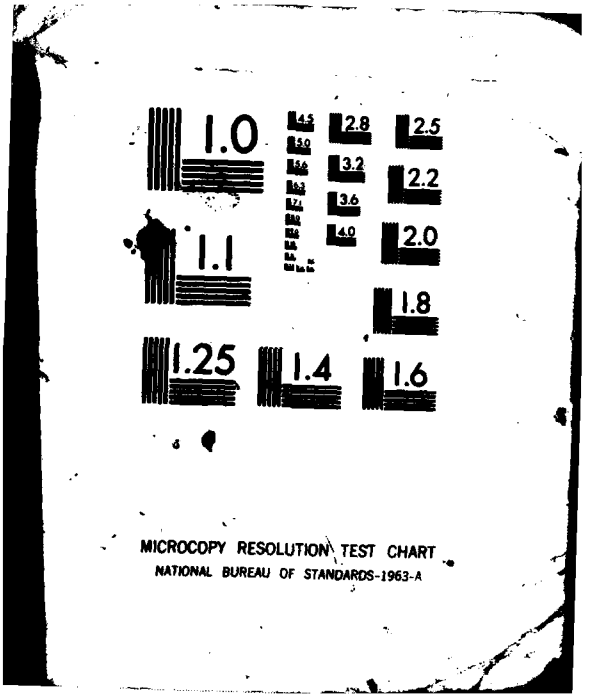
CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	.9	52.4	53.7	54.1	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	.9	59.3	60.8	61.4	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1
≥ 18000	.9	59.3	60.8	61.4	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1
≥ 16000	.9	59.3	60.9	61.5	61.8	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	.9	59.6	61.1	61.7	62.1	62.1	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	.9	60.8	62.5	63.2	63.6	63.7	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0
≥ 10000	.9	65.1	67.1	68.0	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9
≥ 9000	.9	65.5	67.5	68.4	68.9	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3
≥ 8000	.9	70.3	72.8	73.9	74.7	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 7000	.9	71.2	73.9	75.1	75.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 6000	.9	72.1	74.7	76.0	76.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
≥ 5000	.9	73.8	76.6	77.9	78.8	79.1	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5
≥ 4500	.9	75.3	78.2	79.5	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥ 4000	.9	78.3	81.3	82.8	83.9	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 3500	.9	79.1	82.3	83.8	84.8	85.1	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6
≥ 3000	.9	81.6	85..	86.7	88.0	88.3	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9
≥ 2500	1.0	82.6	86.4	88.0	89.3	89.6	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	1.0	83.4	87.0	89.3	90.6	90.9	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6
≥ 1800	1.0	83.5	87.1	89.4	90.7	91.1	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	1.0	84.3	88.2	90.6	92.1	92.5	92.9	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1
≥ 1200	1.0	84.8	88.8	91.3	92.8	93.2	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 1000	1.0	85.3	89.4	92.2	93.9	94.4	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1
≥ 900	1.0	85.3	89.5	92.4	94.2	94.6	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.5
≥ 800	1.0	85.5	89.8	92.9	94.9	95.4	95.9	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	1.1	85.6	90.0	93.2	95.3	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 600	1.1	85.8	90.2	93.6	95.8	96.5	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 500	1.1	85.9	90.4	93.9	96.1	96.9	97.6	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1
≥ 400	1.1	86.0	90.5	94.0	96.4	97.2	97.9	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.6	98.6
≥ 300	1.1	86.0	90.5	94.0	96.5	97.4	98.2	98.5	98.5	98.8	98.9	98.9	99.1	99.1	99.1	99.2
≥ 200	1.0	86.0	90.5	94.0	96.5	97.4	98.2	98.5	98.6	98.9	99.1	99.1	99.3	99.3	99.4	99.5
≥ 100	1.0	86.0	90.5	94.0	96.5	97.4	98.2	98.5	98.6	98.9	99.1	99.2	99.4	99.4	99.6	99.8
≥ 0	1.0	86.0	90.5	94.0	96.5	97.4	98.2	98.5	98.6	98.9	99.1	99.2	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3623

AD-A116 097 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PATUXENT RIVER NAS, MARYLAND. REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
MAY 82

UNCLASSIFIED USAFETAC/DS-82/029 SBI-AD-E850 174 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
6.3
7.1
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724080 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.4	46.9	50.9	53.3	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	.4	53.1	58.0	60.7	61.4	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.1	62.1	62.1
≥ 18000	.4	53.1	58.0	60.7	61.4	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.1	62.1	62.1
≥ 16000	.4	53.1	58.0	60.7	61.4	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.1	62.1	62.1
≥ 14000	.4	53.2	58.1	60.8	61.5	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.2	62.2	62.2
≥ 12000	.4	54.4	59.3	62.2	62.9	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.6	63.6	63.6
≥ 10000	.4	57.6	63.0	65.9	66.6	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.3	67.3	67.3
≥ 9000	.4	57.8	63.4	66.3	67.0	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.7	67.7	67.7
≥ 8000	.4	63.2	69.2	72.2	72.9	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.8	73.8	73.8
≥ 7000	.4	63.6	69.6	72.7	73.4	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.8	74.8	74.8
≥ 6000	.4	63.7	69.8	73.0	73.7	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.0	75.0	75.0
≥ 5000	.4	64.8	71.5	74.9	75.9	76.5	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.2	77.2	77.2
≥ 4500	.4	66.6	73.4	77.2	78.3	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.7	79.7	79.7
≥ 4000	.4	68.3	75.6	79.7	80.8	81.4	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.1	82.1	82.1
≥ 3500	.4	68.8	76.5	80.8	82.0	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.4	83.4	83.4
≥ 3000	.4	69.7	77.9	82.4	83.6	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.9	85.0	85.0	85.0
≥ 2500	.4	69.8	78.2	82.7	83.9	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.3	85.3	85.3
≥ 2000	.4	70.8	79.3	84.0	85.3	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.6	86.6	86.6
≥ 1800	.4	70.9	79.5	84.3	85.5	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.9	86.9	86.9
≥ 1500	.4	71.8	80.4	85.1	86.9	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.4	88.4	88.4
≥ 1200	.4	71.8	80.4	85.3	87.0	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.5	88.5	88.5
≥ 1000	.4	72.4	81.3	86.9	88.9	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.5	90.5	90.5
≥ 900	.4	72.7	81.6	87.4	89.4	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.7	91.7	91.7
≥ 800	.4	72.9	82.5	88.5	91.1	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.9	92.9	92.9
≥ 700	.4	73.0	82.8	89.5	92.1	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.9	93.9	94.0
≥ 600	.4	73.1	83.2	90.0	92.6	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.5	94.5	94.7
≥ 500	.4	73.5	83.9	91.5	94.3	95.0	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.5	96.5	96.6
≥ 400	.4	73.8	84.3	92.2	95.2	95.9	97.3	97.4	97.4	97.4	97.4	97.4	97.7	97.8	97.8	98.0
≥ 300	.4	73.8	84.3	92.4	95.6	96.5	98.5	98.6	98.6	98.8	98.8	98.8	99.0	99.2	99.2	99.3
≥ 200	.4	73.8	84.3	92.4	95.6	96.5	98.6	98.8	98.8	99.0	99.0	99.0	99.3	99.5	99.5	99.6
≥ 100	.4	73.8	84.3	92.4	95.6	96.5	98.6	98.8	98.8	99.0	99.0	99.0	99.3	99.5	99.7	99.9
0	.4	73.8	84.3	92.4	95.6	96.5	98.6	98.8	98.8	99.0	99.0	99.0	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 733

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.3	41.9	47.7	49.7	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.5	51.5	51.5	51.5
≥ 20000	.3	47.8	54.0	56.5	58.1	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.8	58.8	58.8	58.8
≥ 18000	.3	47.8	54.0	56.5	58.1	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.8	58.8	58.8	58.8
≥ 16000	.3	47.8	54.0	56.5	58.1	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.8	58.8	58.8	58.8
≥ 14000	.3	47.8	54.0	56.5	58.1	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.8	58.8	58.8	58.8
≥ 12000	.3	48.3	54.6	57.2	59.0	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.7	59.7	59.7	59.7
≥ 10000	.3	50.3	57.0	60.2	62.0	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.7	62.7	62.7	62.7
≥ 9000	.3	50.6	57.6	60.8	62.6	62.7	62.8	62.8	63.0	63.0	63.0	63.0	63.3	63.3	63.3	63.3
≥ 8000	.3	55.4	63.0	66.6	69.2	69.5	69.9	69.9	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4
≥ 7000	.3	56.4	64.1	67.7	70.7	71.0	71.4	71.4	71.7	71.7	71.7	71.7	72.0	72.0	72.0	72.0
≥ 6000	.3	56.4	64.1	67.7	70.7	71.0	71.4	71.4	71.7	71.7	71.7	71.7	72.0	72.0	72.0	72.0
≥ 5000	.3	57.6	65.9	69.8	72.9	73.2	73.6	73.8	74.0	74.0	74.0	74.0	74.3	74.3	74.3	74.3
≥ 4500	.3	58.6	67.0	70.9	74.0	74.3	74.9	75.0	75.3	75.3	75.3	75.3	75.6	75.6	75.6	75.6
≥ 4000	.3	59.5	68.2	72.2	75.6	75.8	76.4	76.5	76.8	76.8	76.8	76.8	77.1	77.1	77.1	77.1
≥ 3500	.3	59.7	68.5	72.5	76.0	76.2	76.8	76.9	77.2	77.2	77.2	77.2	77.5	77.5	77.5	77.5
≥ 3000	.3	60.8	70.0	74.7	78.3	78.6	79.1	79.6	79.8	79.8	79.8	79.8	80.1	80.1	80.1	80.1
≥ 2500	.3	60.9	70.6	75.3	78.9	79.1	79.7	80.1	80.4	80.4	80.4	80.4	80.7	80.7	80.7	80.7
≥ 2000	.3	61.0	71.3	76.7	80.4	80.7	81.2	81.6	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2
≥ 1800	.3	61.0	71.5	76.7	80.4	80.7	81.2	81.6	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2
≥ 1500	.3	61.3	71.8	77.3	81.1	81.4	81.9	82.3	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 1200	.3	62.3	72.9	78.7	82.5	82.7	83.4	83.8	84.1	84.1	84.1	84.1	84.4	84.4	84.4	84.4
≥ 1000	.3	62.8	73.8	80.2	85.1	85.6	86.3	86.9	87.2	87.2	87.3	87.3	87.7	87.7	87.7	87.7
≥ 900	.3	63.0	74.3	81.2	86.0	86.6	87.3	87.8	88.1	88.1	88.3	88.3	88.7	88.7	88.7	88.7
≥ 800	.3	63.1	74.4	81.6	86.7	87.3	88.1	88.7	89.0	89.0	89.1	89.1	89.5	89.5	89.5	89.5
≥ 700	.3	63.1	74.6	82.3	87.8	88.4	89.5	90.1	90.3	90.3	90.5	90.5	90.9	90.9	90.9	90.9
≥ 600	.3	63.3	74.9	82.9	89.1	89.6	90.7	91.3	91.6	91.6	91.7	91.7	92.1	92.1	92.1	92.1
≥ 500	.3	63.3	75.4	84.1	91.2	91.7	93.0	94.2	94.5	94.6	94.8	94.8	95.2	95.2	95.2	95.2
≥ 400	.3	63.3	75.8	84.7	92.1	92.7	95.0	95.7	96.0	96.3	96.5	96.5	97.0	97.0	97.0	97.0
≥ 300	.3	63.4	76.1	85.1	92.8	93.5	96.0	96.8	97.1	97.7	97.9	97.9	98.5	98.5	98.5	98.5
≥ 200	.3	63.4	76.1	85.1	93.0	93.6	96.4	97.2	97.5	98.3	98.6	98.6	99.3	99.3	99.3	99.3
≥ 100	.3	63.4	76.1	85.1	93.0	93.6	96.4	97.2	97.5	98.3	98.6	98.6	99.3	99.3	99.7	99.7
0	.3	63.4	76.1	85.1	93.0	93.6	96.4	97.2	97.5	98.3	98.6	98.6	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 729

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.4	38.5	42.1	45.7	47.5	47.5	47.8	47.9	47.9	47.9	47.9	47.9	48.1	48.1	48.1	48.1
≥ 20000	.4	43.4	48.2	52.2	54.4	54.6	55.1	55.2	55.2	55.4	55.4	55.4	55.5	55.5	55.5	55.5
≥ 18000	.4	43.4	48.2	52.2	54.4	54.6	55.1	55.2	55.2	55.4	55.4	55.4	55.5	55.5	55.5	55.5
≥ 16000	.4	43.4	48.2	52.2	54.4	54.6	55.1	55.2	55.2	55.4	55.4	55.4	55.5	55.5	55.5	55.5
≥ 14000	.4	44.2	49.2	53.2	55.4	55.5	56.1	56.2	56.2	56.4	56.4	56.4	56.5	56.5	56.5	56.5
≥ 12000	.4	45.0	50.0	54.0	56.2	56.4	56.9	57.0	57.0	57.2	57.2	57.2	57.3	57.3	57.3	57.3
≥ 10000	.4	48.5	54.3	58.4	60.9	61.2	61.9	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3
≥ 9000	.4	49.0	55.0	59.3	61.7	62.0	62.7	62.8	62.8	63.0	63.0	63.0	63.1	63.1	63.1	63.1
≥ 8000	.4	52.2	58.6	63.0	65.9	66.2	67.1	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5
≥ 7000	.4	53.2	59.7	64.1	67.3	67.7	68.8	68.9	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 6000	.4	53.3	59.8	64.4	67.7	68.1	69.2	69.3	69.3	69.5	69.5	69.5	69.6	69.6	69.6	69.6
≥ 5000	.4	53.6	60.1	64.9	68.4	68.9	70.3	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.7
≥ 4500	.4	54.3	60.8	65.6	69.1	69.9	71.3	71.4	71.4	71.5	71.5	71.5	71.7	71.7	71.7	71.7
≥ 4000	.4	55.5	62.3	67.4	71.1	72.1	73.6	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 3500	.4	55.5	62.3	67.7	71.4	72.4	73.9	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 3000	.4	56.5	63.4	68.9	73.2	74.4	76.2	76.4	76.4	76.5	76.5	76.5	76.7	76.7	76.7	76.7
≥ 2500	.4	56.6	63.7	69.5	73.8	75.0	76.8	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 2000	.4	57.0	64.1	70.0	74.4	75.8	77.6	77.9	77.9	78.0	78.2	78.2	78.3	78.3	78.3	78.3
≥ 1800	.4	57.0	64.1	70.0	74.4	75.8	77.6	77.9	77.9	78.0	78.2	78.2	78.3	78.3	78.3	78.3
≥ 1500	.4	57.2	64.2	70.7	75.3	76.9	78.9	79.1	79.1	79.3	79.4	79.4	79.6	79.6	79.6	79.6
≥ 1200	.4	57.9	65.1	71.7	76.7	78.3	80.2	80.7	80.7	80.8	80.9	80.9	81.1	81.1	81.1	81.1
≥ 1000	.4	58.4	65.7	72.8	78.3	80.1	82.5	82.9	82.9	83.0	83.1	83.1	83.3	83.3	83.3	83.3
≥ 900	.4	58.8	66.2	73.6	79.3	81.3	83.9	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6
≥ 800	.4	59.4	66.9	74.7	80.7	82.6	84.9	85.3	85.3	85.8	85.9	85.9	86.0	86.0	86.0	86.0
≥ 700	.4	59.4	66.9	75.1	82.6	84.7	87.6	88.2	88.2	88.7	88.8	88.8	89.0	89.0	89.0	89.0
≥ 600	.4	59.4	67.0	75.8	83.3	85.6	88.7	89.4	89.4	89.8	89.9	89.9	90.1	90.1	90.1	90.1
≥ 500	.4	59.4	67.1	76.9	85.1	88.3	91.7	92.5	92.7	93.6	93.9	93.9	94.1	94.1	94.3	94.3
≥ 400	.4	59.7	67.4	77.6	86.9	90.2	94.3	95.2	95.3	96.5	97.1	97.1	97.2	97.2	97.5	97.5
≥ 300	.4	59.7	67.4	77.8	87.0	90.6	94.9	95.9	96.0	97.2	97.8	97.9	98.1	98.1	98.5	98.5
≥ 200	.4	59.7	67.4	77.8	87.0	90.6	95.0	96.0	96.1	97.5	98.1	98.3	98.5	98.5	99.3	99.4
≥ 100	.4	59.7	67.4	77.8	87.0	90.6	95.0	96.0	96.1	97.5	98.1	98.3	98.5	98.5	99.3	99.8
≥ 0	.4	59.7	67.4	77.8	87.0	90.6	95.0	96.0	96.1	97.5	98.1	98.3	98.5	98.5	99.3	99.8

TOTAL NUMBER OF OBSERVATIONS 729

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	.4	39.5	42.9	45.9	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 20000	.4	47.3	51.1	54.2	54.8	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 18000	.4	47.4	51.2	54.4	54.9	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	.4	47.4	51.2	54.4	54.9	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	.4	47.5	51.4	54.5	55.0	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	.4	48.4	52.2	55.3	55.9	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 10000	.4	51.8	56.1	59.8	60.4	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 9000	.4	52.5	56.9	60.9	61.4	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	.4	55.7	60.6	64.9	65.8	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	.4	56.7	61.6	65.9	67.2	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	.4	57.1	62.0	66.3	67.6	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 5000	.4	57.4	62.4	67.4	68.8	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	.4	58.3	63.4	68.8	70.2	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4000	.4	60.1	65.3	70.7	72.3	73.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	.4	60.8	65.9	71.5	73.2	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
≥ 3000	.4	62.8	68.4	74.1	76.2	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5
≥ 2500	.4	63.5	69.1	75.3	77.8	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.9	78.9	78.9	78.9
≥ 2000	.4	64.9	70.6	77.4	80.2	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 1800	.4	65.0	71.1	77.7	80.5	81.2	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0
≥ 1500	.4	65.4	71.9	78.5	81.6	82.3	83.0	83.0	83.0	83.0	83.4	83.4	83.5	83.5	83.5	83.5
≥ 1200	.4	65.9	73.2	80.2	83.4	84.2	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6
≥ 1000	.5	67.0	74.6	82.4	86.4	87.2	88.0	88.0	88.0	88.0	88.0	88.0	88.7	88.7	88.7	88.7
≥ 900	.5	67.0	74.9	82.8	86.9	87.7	89.2	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 800	.5	67.3	75.3	83.7	88.1	89.5	91.3	91.4	91.4	91.4	91.6	91.6	91.8	91.8	91.8	91.8
≥ 700	.5	67.6	75.6	84.3	89.1	90.4	93.1	93.3	93.5	93.7	93.9	93.9	94.1	94.1	94.1	94.1
≥ 600	.5	67.7	75.9	85.1	90.1	91.5	94.4	95.8	96.0	96.2	96.4	96.9	96.6	96.6	96.6	96.6
≥ 500	.5	67.7	75.9	85.1	90.7	92.6	96.3	96.9	96.9	97.4	98.0	98.0	98.2	98.2	98.2	98.2
≥ 400	.5	67.7	76.0	85.6	91.6	92.9	96.6	97.4	97.4	98.0	98.5	98.5	98.8	98.8	98.8	98.8
≥ 300	.5	67.7	76.0	85.6	91.6	92.9	96.6	97.2	97.7	98.6	99.3	99.3	99.6	99.6	99.6	99.6
≥ 200	.5	67.7	76.0	85.6	91.6	93.0	96.6	97.2	97.7	98.6	99.5	99.5	99.7	99.9	99.9	100.0
≥ 100	.5	67.7	76.0	85.6	91.6	93.0	96.6	97.2	97.7	98.6	99.5	99.5	99.7	99.9	99.9	100.0
≥ 0	.5	67.7	76.0	85.6	91.6	93.0	96.6	97.2	97.7	98.6	99.5	99.5	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 739

USAF ETAC FORM 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.5	38.6	40.5	42.3	42.6	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 20000	.5	46.7	49.1	51.4	52.1	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 18000	.5	46.7	49.1	51.4	52.1	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 16000	.5	46.7	49.1	51.4	52.1	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	.5	46.8	49.2	51.6	52.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000	.5	48.2	51.0	53.6	54.4	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 10000	.5	51.6	54.6	57.3	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	.5	51.8	54.8	57.7	58.7	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	.5	54.8	58.4	61.5	63.3	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 7000	.5	55.7	59.2	62.3	64.1	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	.5	55.9	59.8	63.0	64.8	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	.5	57.0	61.1	64.5	66.7	66.8	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500	.5	57.3	61.4	65.1	67.4	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4000	.5	60.3	64.9	69.2	71.6	71.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3500	.5	61.1	65.8	70.0	72.4	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	.5	67.3	73.1	77.8	80.8	81.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	.5	67.9	74.4	79.1	82.4	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	.5	69.4	76.1	81.6	85.4	85.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4
≥ 1800	.5	69.6	76.3	81.7	85.5	85.8	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.9	87.9
≥ 1500	.5	71.1	78.0	83.6	87.9	88.3	90.2	90.2	90.2	90.3	90.5	90.5	90.5	90.5	90.6	90.6
≥ 1200	.5	71.9	79.0	84.7	89.2	89.6	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.4	92.4
≥ 1000	.5	72.3	79.5	85.5	90.3	91.1	94.1	94.1	94.1	94.4	94.5	94.5	94.7	94.7	94.8	94.8
≥ 900	.5	72.4	79.7	85.9	91.0	91.8	94.8	94.8	94.8	95.1	95.2	95.2	95.4	95.4	95.5	95.5
≥ 800	.5	72.7	80.4	87.0	92.9	93.2	96.3	96.3	96.3	96.9	97.0	97.0	97.1	97.1	97.3	97.3
≥ 700	.5	72.7	80.4	87.2	92.8	93.7	96.9	96.9	96.9	97.5	97.7	97.7	97.8	97.8	98.0	98.0
≥ 600	.5	73.0	80.8	87.6	93.2	94.1	97.4	97.4	97.4	98.1	98.2	98.2	98.5	98.5	98.6	98.6
≥ 500	.5	73.0	80.8	87.6	93.2	94.2	97.7	97.7	97.7	98.4	98.5	98.5	98.8	98.8	98.9	98.9
≥ 400	.5	73.0	80.8	87.6	93.2	94.3	97.8	97.8	97.8	98.5	98.8	98.8	99.0	99.0	99.2	99.2
≥ 300	.5	73.0	80.8	87.6	93.3	94.3	97.8	98.1	98.1	99.0	99.3	99.3	99.6	99.6	99.7	99.7
≥ 200	.5	73.0	80.8	87.6	93.3	94.3	97.8	98.1	98.1	99.0	99.3	99.3	99.9	99.9	100.0	100.0
≥ 100	.5	73.0	80.8	87.6	93.3	94.3	97.8	98.1	98.1	99.0	99.3	99.3	99.9	99.9	100.0	100.0
0	.5	73.0	80.8	87.6	93.3	94.3	97.8	98.1	98.1	99.0	99.3	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.4	39.8	43.6	45.8	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	.4	47.0	50.9	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000	.4	47.0	50.9	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 16000	.4	47.0	50.9	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 14000	.4	47.2	51.2	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 12000	.4	47.9	52.4	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 10000	.4	52.5	57.4	60.9	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 9000	.4	52.7	57.6	61.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 8000	.4	58.3	64.8	69.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	.4	59.7	66.4	71.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	.4	59.8	66.7	71.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 5000	.4	61.2	68.5	73.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	.4	61.6	68.9	73.6	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	.4	63.1	71.1	76.2	78.0	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	.4	64.9	72.5	77.6	79.4	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	.4	70.2	78.7	84.0	86.5	86.8	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	.4	70.6	79.4	85.1	87.8	87.8	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	.4	71.0	80.1	86.5	89.0	89.3	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800	.4	71.1	80.2	86.7	89.3	89.5	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	.4	72.5	81.6	88.9	91.8	91.9	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	.4	72.8	82.1	89.7	92.4	93.3	94.0	94.0	94.0	94.8	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	.4	72.9	82.3	90.0	93.0	93.8	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	.4	72.9	82.3	90.0	93.1	93.9	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	.4	73.0	82.4	90.1	93.2	94.0	96.1	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	.4	73.0	82.4	90.4	93.9	94.8	96.7	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	.4	73.0	82.4	90.4	93.9	94.9	97.2	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	.4	73.0	82.4	90.5	94.2	95.2	97.7	98.2	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	.4	73.0	82.4	90.5	94.4	95.3	97.9	98.5	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	.4	73.0	82.4	90.5	94.4	95.3	97.9	98.5	98.5	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	.4	73.0	82.4	90.5	94.4	95.3	97.9	98.5	98.5	99.3	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	.4	73.0	82.4	90.5	94.4	95.3	97.9	98.5	98.5	99.3	99.7	99.7	100.0	100.0	100.0	100.0
0	.4	73.0	82.4	90.5	94.4	95.3	97.9	98.5	98.5	99.3	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 727

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥½	≥¼	≥5/16	≥0	0
NO CEILING	.4	38.9	42.0	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 20000	.4	50.3	53.8	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	.4	50.3	53.8	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	.4	50.7	54.3	56.7	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	.4	51.1	54.7	57.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	.4	51.9	55.8	58.4	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	.4	55.8	60.2	62.8	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	.4	55.9	60.4	63.2	64.3	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000	.4	62.8	68.5	72.3	73.9	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 7000	.4	63.9	70.1	74.2	76.0	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	.4	64.0	70.6	74.9	76.6	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	.4	64.8	71.4	76.1	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	.4	66.2	73.2	78.0	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	.4	68.0	75.5	80.6	82.8	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	.4	69.0	76.5	81.6	83.9	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	.4	72.0	79.8	85.0	87.4	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	.4	72.4	80.9	86.4	88.9	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	.4	72.7	81.6	87.4	89.8	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	.4	72.7	81.6	87.5	90.0	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	.4	73.5	82.4	88.5	91.1	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	.4	73.8	82.8	89.1	92.0	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	.4	73.9	83.1	89.6	93.0	93.7	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	.4	73.9	83.1	89.6	93.4	94.1	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	.4	74.0	83.4	90.0	93.8	94.6	95.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	.4	74.0	83.8	90.7	94.5	95.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	.4	74.0	83.9	90.9	94.8	95.6	97.0	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	.4	74.0	83.9	91.1	95.1	95.9	97.7	97.9	97.9	98.4	98.5	98.5	98.6	98.6	98.8	98.8
≥ 400	.4	74.0	83.9	91.1	95.3	96.3	98.2	98.6	98.6	99.2	99.5	99.5	99.6	99.6	99.7	99.7
≥ 300	.4	74.0	83.9	91.1	95.3	96.3	98.2	98.6	98.6	99.3	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	.4	74.0	83.9	91.1	95.3	96.3	98.2	98.6	98.6	99.3	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	.4	74.0	83.9	91.1	95.3	96.3	98.2	98.6	98.6	99.3	99.7	99.7	99.9	99.9	100.0	100.0
0	.4	74.0	83.9	91.1	95.3	96.3	98.2	98.6	98.6	99.3	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 728

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724060 (WBAN) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.4	51.4	53.3	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	54.4	57.6	59.9	60.7	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	54.0	57.6	59.9	60.7	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	54.1	57.7	60.0	60.9	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	54.3	57.8	60.2	61.0	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 12000	55.8	59.3	61.8	62.6	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	59.3	63.0	65.7	67.0	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	59.3	63.0	65.9	67.3	67.6	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	64.7	69.1	72.8	74.9	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	65.5	70.5	74.6	76.6	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	65.7	70.7	74.9	76.9	77.2	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	66.5	72.4	76.5	78.7	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	68.1	74.0	78.2	80.5	80.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	70.1	76.5	80.8	83.1	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	70.1	76.5	80.8	83.1	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	72.0	79.1	83.9	86.4	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	72.5	80.2	85.3	87.8	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	72.8	80.9	86.4	88.9	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	72.8	81.0	86.5	89.0	89.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	74.2	82.6	88.0	90.7	90.9	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	74.2	82.7	88.5	91.1	91.3	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	74.5	83.2	89.0	92.3	92.6	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	74.9	83.9	90.1	93.5	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	75.4	84.5	90.8	94.2	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	75.4	84.6	91.2	94.6	94.9	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	75.9	85.2	91.9	95.3	95.9	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	76.0	85.9	92.6	96.4	96.8	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	76.0	85.9	92.6	96.4	97.1	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	76.1	86.0	93.0	97.0	97.7	98.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	76.1	86.0	93.0	97.0	97.7	98.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.1	86.0	93.0	97.0	97.7	98.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	76.1	86.0	93.0	97.0	97.7	98.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 728

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

72406U	PATUXENT RIVER NAS MD	73-80	MAY
STATION	STATION NAME	YEARS	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	.4	41.6	45.1	47.5	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	.4	48.7	52.8	55.7	56.7	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2
≥ 18000	.4	48.7	52.9	55.7	56.7	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
≥ 16000	.4	48.8	52.9	55.8	56.8	56.9	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000	.4	49.0	53.2	56.0	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
≥ 12000	.4	50.0	54.3	57.2	58.3	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8
≥ 10000	.4	53.4	58.2	61.4	62.6	62.7	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9000	.4	53.7	58.6	61.9	63.1	63.3	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7
≥ 8000	.4	58.4	64.0	67.8	69.5	69.7	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3
≥ 7000	.4	59.3	65.1	69.1	70.9	71.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9
≥ 6000	.4	59.5	65.4	69.4	71.3	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
≥ 5000	.4	60.4	66.7	70.9	73.0	73.4	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 4500	.4	61.4	67.8	72.2	74.3	74.8	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
≥ 4000	.4	63.1	69.9	74.6	76.9	77.3	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
≥ 3500	.4	63.7	70.6	75.3	77.7	78.1	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 3000	.4	66.4	73.8	78.9	81.5	82.1	82.8	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
≥ 2500	.4	66.8	74.5	79.8	82.6	83.1	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 2000	.4	67.5	75.5	81.3	84.2	84.8	85.6	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 1800	.4	67.5	75.6	81.4	84.3	84.9	85.8	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 1500	.4	68.4	76.6	82.6	85.7	86.4	87.4	87.5	87.5	87.6	87.7	87.7	87.7	87.8	87.8	87.8
≥ 1200	.4	68.8	77.3	83.5	86.8	87.5	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.1	89.1
≥ 1000	.4	69.3	78.0	84.6	88.4	89.2	90.6	90.8	90.8	90.9	90.9	90.9	91.0	91.1	91.1	91.1
≥ 900	.4	69.5	78.3	85.1	89.2	90.0	91.4	91.6	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9
≥ 800	.4	69.7	78.7	85.8	90.1	91.0	92.6	92.8	92.8	93.0	93.0	93.0	93.2	93.2	93.2	93.2
≥ 700	.4	69.8	78.9	86.4	90.9	91.9	93.7	94.0	94.0	94.3	94.3	94.3	94.5	94.5	94.5	94.5
≥ 600	.4	69.9	79.2	86.8	91.6	92.6	94.5	94.9	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.5
≥ 500	.4	70.0	79.4	87.5	92.5	93.7	96.0	96.5	96.5	96.9	97.1	97.1	97.3	97.3	97.4	97.4
≥ 400	.4	70.1	79.6	87.8	93.1	94.3	96.9	97.4	97.5	98.0	98.3	98.3	98.4	98.5	98.5	98.5
≥ 300	.4	70.1	79.6	87.9	93.3	94.6	97.3	98.0	98.0	98.7	99.0	99.1	99.3	99.3	99.4	99.4
≥ 200	.4	70.1	79.6	87.9	93.3	94.6	97.4	98.0	98.1	98.9	99.2	99.3	99.6	99.6	99.7	99.8
≥ 100	.4	70.1	79.6	87.9	93.3	94.6	97.4	98.0	98.1	98.9	99.2	99.3	99.6	99.6	99.8	99.9
≥ 0	.4	70.1	79.6	87.9	93.3	94.6	97.4	98.0	98.1	98.9	99.2	99.3	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5831

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		41.6	49.4	52.6	55.0	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000		48.2	56.3	60.4	63.1	63.4	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000		48.2	56.3	60.4	63.1	63.4	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 16000		48.2	56.3	60.4	63.1	63.4	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000		48.6	56.7	60.8	63.5	63.8	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000		49.0	57.1	61.8	64.5	64.8	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000		53.3	62.4	66.9	70.2	70.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 9000		53.6	62.6	67.2	70.5	70.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000		57.0	67.9	73.4	76.7	77.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000		57.0	67.9	73.4	76.7	77.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000		57.1	68.2	73.7	77.1	77.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000		57.8	68.9	74.6	78.0	78.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500		58.8	69.9	75.6	79.0	79.3	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000		61.6	73.0	79.4	83.1	83.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500		62.5	74.0	80.4	84.1	84.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000		64.3	76.1	83.4	87.2	87.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500		64.6	76.7	84.2	88.1	88.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000		65.4	78.1	86.1	90.1	90.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800		66.3	78.6	86.5	90.5	90.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500		67.8	80.1	88.4	92.3	92.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200		67.9	80.7	88.9	92.9	93.5	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000		68.8	82.0	90.8	95.0	95.6	96.7	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900		68.8	82.0	90.9	95.2	95.7	96.9	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800		68.8	82.2	91.3	95.6	96.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700		68.9	82.4	91.5	95.7	96.3	97.4	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600		68.9	82.5	91.6	96.2	96.7	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500		69.0	82.8	91.9	96.4	97.0	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		69.2	83.0	92.2	96.7	97.3	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300		69.2	83.0	93.2	97.7	98.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		69.2	83.0	93.2	97.7	98.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		69.2	83.0	93.2	97.7	98.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		69.2	83.0	93.2	97.7	98.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 709

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	.1	37.2	42.7	48.0	51.5	52.0	53.4	53.4	53.4	53.9	54.1	54.1	54.1	54.1	54.2	54.2
≥ 20000	.1	41.3	47.8	54.6	58.8	59.3	60.7	60.8	60.8	61.5	61.8	61.8	61.8	61.8	61.9	61.9
≥ 18000	.1	41.3	47.8	54.6	58.8	59.3	60.7	60.8	60.8	61.5	61.8	61.8	61.8	61.8	61.9	61.9
≥ 16000	.1	41.3	47.8	54.6	58.8	59.3	60.7	60.8	60.8	61.5	61.8	61.8	61.8	61.8	61.9	61.9
≥ 14000	.1	42.0	48.6	55.5	59.7	60.1	61.5	61.7	61.7	62.4	62.6	62.6	62.6	62.6	62.8	62.8
≥ 12000	.1	42.6	49.2	56.0	60.3	60.7	62.1	62.2	62.2	62.9	63.2	63.2	63.2	63.2	63.3	63.3
≥ 10000	.1	45.1	52.7	60.1	64.7	65.2	66.9	67.0	67.0	67.7	68.0	68.0	68.0	68.0	68.1	68.1
≥ 9000	.1	45.6	53.2	60.7	65.3	65.7	67.4	67.8	67.8	68.5	68.8	68.8	68.8	68.8	69.0	69.0
≥ 8000	.1	50.0	59.3	67.8	73.0	73.5	75.1	75.6	75.6	76.3	76.5	76.5	76.5	76.5	76.7	76.7
≥ 7000	.1	50.1	59.4	68.0	73.3	73.7	75.6	76.0	76.0	76.7	77.0	77.0	77.0	77.0	77.1	77.1
≥ 6000	.1	50.1	59.6	68.1	73.5	73.9	75.7	76.1	76.1	76.8	77.1	77.1	77.1	77.1	77.2	77.2
≥ 5000	.1	50.7	60.1	68.7	74.2	74.6	76.4	76.8	76.8	77.5	77.8	77.8	77.8	77.8	77.9	77.9
≥ 4500	.1	51.8	61.2	69.9	75.4	75.8	77.7	78.1	78.1	78.8	79.1	79.1	79.1	79.1	79.2	79.2
≥ 4000	.1	53.7	63.2	72.5	77.9	78.4	80.2	80.6	80.6	81.3	81.6	81.6	81.6	81.6	81.7	81.7
≥ 3500	.1	54.8	64.3	73.6	79.2	79.6	81.5	81.9	81.9	82.6	82.9	82.9	82.9	82.9	83.0	83.0
≥ 3000	.1	56.7	67.7	77.2	83.0	83.4	85.3	85.7	85.7	86.5	86.8	86.8	86.8	86.8	86.9	86.9
≥ 2500	.1	57.0	68.3	77.9	83.8	84.3	86.5	86.9	86.9	87.8	88.1	88.1	88.1	88.1	88.2	88.2
≥ 2000	.1	57.9	69.1	79.1	85.3	85.7	87.9	88.3	88.3	89.2	89.5	89.5	89.5	89.5	89.6	89.6
≥ 1800	.1	58.1	69.4	79.6	85.8	86.2	88.5	88.9	88.9	89.7	90.0	90.0	90.0	90.0	90.2	90.2
≥ 1500	.1	59.4	70.8	81.5	88.1	88.6	90.9	91.3	91.3	92.1	92.4	92.4	92.4	92.4	92.6	92.6
≥ 1200	.1	59.6	71.1	81.9	88.5	89.0	91.3	91.7	91.7	92.6	92.8	92.8	92.8	92.8	93.0	93.0
≥ 1000	.1	60.0	71.5	82.7	89.5	90.2	92.6	93.0	93.0	93.8	94.1	94.1	94.1	94.1	94.2	94.2
≥ 900	.1	60.1	71.6	82.9	89.6	90.3	92.7	93.1	93.1	94.0	94.2	94.2	94.2	94.2	94.4	94.4
≥ 800	.1	60.7	72.3	83.6	90.4	91.3	94.0	94.4	94.4	95.4	95.6	95.6	95.6	95.6	95.8	95.8
≥ 700	.1	61.1	72.8	84.1	91.3	92.3	95.2	95.6	95.6	96.6	96.9	96.9	96.9	96.9	97.1	97.1
≥ 600	.1	61.1	72.8	84.3	91.9	92.8	95.8	96.3	96.3	97.3	97.6	97.6	97.6	97.6	97.8	97.8
≥ 500	.1	61.1	72.8	84.3	92.0	93.0	96.1	96.8	96.8	97.8	98.0	98.0	98.0	98.0	98.2	98.2
≥ 400	.1	61.1	72.8	84.4	92.6	93.5	96.6	97.3	97.3	98.3	98.6	98.6	98.6	98.6	98.7	98.7
≥ 300	.1	61.1	72.8	84.4	92.8	94.0	97.1	97.9	97.9	98.9	99.2	99.2	99.2	99.2	99.3	99.3
≥ 200	.1	61.1	72.8	84.4	93.0	94.1	97.3	98.2	98.2	99.2	99.4	99.4	99.6	99.6	99.7	100.0
≥ 100	.1	61.1	72.8	84.4	93.0	94.1	97.3	98.2	98.2	99.2	99.4	99.4	99.6	99.6	99.7	100.0
≥ 0	.1	61.1	72.8	84.4	93.0	94.1	97.3	98.2	98.2	99.2	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 712

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72400 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		34.5	40.5	44.5	47.5	47.9	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000		40.2	47.6	52.2	55.8	56.2	58.8	59.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000		40.4	47.8	52.4	55.9	56.3	58.9	59.8	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000		40.4	47.8	52.4	55.9	56.3	58.9	59.8	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000		40.9	48.4	53.1	56.6	57.1	59.6	60.5	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000		41.5	48.9	53.6	57.2	57.6	60.2	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000		44.8	52.8	58.9	63.2	63.9	66.6	67.5	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8
≥ 9000		44.8	52.8	59.2	63.5	64.2	66.9	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	.1	49.4	58.2	65.6	71.0	71.8	74.5	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	.1	50.1	59.2	66.6	72.0	72.8	75.5	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	.1	50.9	60.1	67.5	72.9	73.6	76.3	77.2	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	.1	51.4	60.5	67.9	73.6	74.3	77.0	77.9	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	.1	52.1	61.6	69.0	74.9	75.6	78.3	79.2	79.2	79.3	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	.1	52.5	62.2	69.9	76.0	76.7	79.5	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	.1	52.5	62.2	69.9	76.0	76.7	79.5	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	.1	53.6	63.6	72.0	78.2	78.9	81.6	82.5	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500	.1	54.5	64.5	73.2	79.5	80.3	83.2	84.0	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	.1	54.9	65.2	74.5	80.7	81.6	84.7	85.6	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	.1	55.2	65.6	74.9	81.2	82.0	85.2	86.2	86.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	.1	56.9	67.5	76.9	83.3	84.2	87.3	88.3	88.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	.1	57.8	68.3	77.7	84.3	85.3	88.4	89.6	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	.1	58.5	69.2	78.9	86.0	87.2	90.4	91.7	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	.1	59.1	69.8	79.5	86.9	88.2	91.6	92.9	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	.1	59.8	70.9	80.9	88.4	90.0	93.6	94.9	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	.1	60.2	71.3	81.3	89.2	90.7	94.6	95.9	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	.1	60.5	71.6	81.6	89.4	91.0	95.3	96.7	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	.1	60.5	72.0	82.2	90.2	92.2	96.6	98.0	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	.1	60.5	72.0	82.3	90.3	92.4	97.0	98.4	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	.1	60.5	72.0	82.3	90.3	92.4	97.0	98.4	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	.1	60.5	72.0	82.3	90.3	92.4	97.0	98.4	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7
≥ 100	.1	60.5	72.0	82.3	90.3	92.4	97.0	98.4	98.6	99.1	99.6	99.6	99.7	99.7	99.7	100.0
0	.1	60.5	72.0	82.3	90.3	92.4	97.0	98.4	98.6	99.1	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 701

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

72 140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING		39.4	42.5	45.8	47.5	48.2	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000		46.3	51.3	55.1	57.3	58.2	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000		46.3	51.3	55.1	57.3	58.2	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000		46.3	51.3	55.1	57.3	58.2	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000		46.8	51.8	55.6	57.9	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000		48.0	53.2	57.2	59.4	60.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000		50.8	56.3	61.0	63.2	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000		50.8	56.3	61.0	63.2	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 8000		55.1	61.8	66.9	69.6	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000		56.9	63.8	68.9	71.7	72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000		58.0	65.1	70.3	73.1	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000		58.3	65.4	70.6	73.5	74.5	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500		59.3	66.5	71.8	74.8	75.8	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000		61.0	68.5	73.9	76.9	78.0	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500		61.4	69.0	74.5	77.5	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000		63.1	71.1	76.6	79.9	81.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500		64.8	73.0	78.7	82.1	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2000		66.1	74.4	80.4	84.2	85.4	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800		66.5	74.8	80.8	84.8	85.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500		68.0	76.9	83.1	87.2	88.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200		69.2	78.2	85.1	89.4	91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000		70.4	79.7	87.3	91.8	94.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900		70.7	80.1	88.3	92.8	95.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800		70.7	80.4	88.6	93.1	96.1	97.3	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5
≥ 700		70.8	80.7	88.9	93.5	96.5	97.7	97.7	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0
≥ 600		71.0	81.0	89.3	93.9	97.0	98.3	98.3	98.3	98.3	98.6	98.6	98.7	98.7	98.7	98.7
≥ 500		71.0	81.1	89.6	94.4	97.5	99.0	99.0	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400		71.0	81.1	89.6	94.4	97.5	99.0	99.0	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300		71.0	81.1	89.6	94.4	97.5	99.2	99.2	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200		71.0	81.1	89.6	94.4	97.5	99.2	99.2	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		71.0	81.1	89.6	94.4	97.5	99.2	99.2	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		71.0	81.1	89.6	94.4	97.5	99.2	99.2	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 710

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		41.1	45.9	49.2	51.1	51.6	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000		46.6	54.2	58.9	61.3	61.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000		46.7	54.4	59.1	61.5	62.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000		46.7	54.4	59.1	61.5	62.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000		47.0	54.7	59.3	61.8	62.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 12000		47.7	55.4	60.1	62.5	63.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 10000		51.6	59.6	64.7	67.1	67.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000		51.6	59.6	64.7	67.1	67.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000		56.4	65.6	70.8	73.9	74.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000		57.1	66.3	71.8	74.9	75.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000		57.1	66.3	72.1	75.2	75.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 5000		57.6	66.9	72.7	75.8	76.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4500		57.8	67.1	73.1	76.2	76.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000		59.4	69.5	76.1	79.7	80.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500		60.9	70.5	77.1	80.7	81.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000		65.2	75.2	81.7	85.6	86.3	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500		67.1	77.6	84.8	89.0	89.7	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000		68.8	79.6	87.0	91.5	92.2	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800		69.0	79.7	87.1	91.8	92.5	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500		69.5	80.5	88.0	92.9	93.8	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200		69.7	80.6	88.2	93.2	94.1	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000		69.7	80.7	88.7	94.1	94.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900		69.7	80.7	88.8	94.2	95.0	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800		69.7	80.7	89.0	94.3	95.3	97.3	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700		69.7	80.7	89.1	94.5	95.6	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600		69.8	81.0	89.4	94.9	96.0	98.4	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		69.8	81.0	89.5	95.2	96.3	98.7	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		69.8	81.0	89.7	95.3	96.5	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		69.8	81.0	89.7	95.3	96.5	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		69.8	81.0	89.7	95.3	96.5	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		69.8	81.0	89.7	95.3	96.5	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		69.8	81.0	89.7	95.3	96.5	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 706

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.1	40.2	44.7	47.9	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	.1	48.9	55.9	61.0	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	.1	49.2	56.2	61.2	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000	.1	49.2	56.4	61.5	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	.1	49.5	56.7	61.8	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	.1	50.1	57.3	62.7	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	.1	52.8	60.7	66.2	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	.1	53.3	61.2	66.8	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	.1	57.0	66.1	72.6	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	.1	58.3	67.3	74.3	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	.1	58.4	67.5	74.5	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	.1	59.5	68.7	75.8	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	.1	60.4	69.6	76.8	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	.1	62.0	71.3	78.9	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	.1	63.6	73.1	81.0	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	.1	67.2	76.8	85.1	90.1	90.1	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	.1	67.9	77.8	86.3	91.7	91.7	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	.1	68.6	78.5	87.3	92.6	92.6	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	.1	68.7	78.6	87.4	92.8	92.8	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	.1	69.4	79.1	88.5	94.3	94.3	95.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	.1	69.2	79.3	88.8	94.6	94.6	95.8	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	.1	69.2	79.5	89.4	95.6	95.6	96.7	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	.1	69.2	79.5	89.5	95.8	95.8	96.9	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	.1	69.7	80.3	90.4	96.6	96.7	98.0	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	.1	70.0	80.6	90.9	97.2	97.3	98.7	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	.1	70.0	80.6	91.1	97.5	97.6	99.0	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	.1	70.0	80.6	91.1	97.5	97.6	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.1	70.0	80.6	91.1	97.5	97.6	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.1	70.0	80.6	91.1	97.5	97.6	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	70.0	80.6	91.1	97.5	97.6	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	70.0	80.6	91.1	97.5	97.6	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	70.0	80.6	91.1	97.5	97.6	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 707

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

724180 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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		42.2	48.5	51.5	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000		51.4	59.9	63.9	66.3	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000		51.4	59.9	63.9	66.3	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000		51.4	60.0	64.0	66.4	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000		51.6	60.5	64.4	66.9	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000		52.8	61.7	66.0	68.4	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000		56.0	66.0	70.3	72.7	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000		56.2	66.1	70.4	72.8	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000		59.5	70.4	74.8	77.7	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000		60.5	71.6	76.4	79.2	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000		60.6	71.8	76.7	79.5	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000		61.2	72.4	77.7	80.5	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500		62.4	74.0	79.7	82.5	82.8	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4000		64.2	76.5	82.5	85.5	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500		64.6	77.0	83.1	86.1	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000		67.0	79.5	85.8	89.3	89.8	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500		67.1	79.7	86.1	89.8	90.2	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000		69.0	81.9	88.8	92.5	92.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800		69.1	82.1	88.9	92.6	93.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500		69.1	82.1	89.3	93.2	93.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200		69.3	82.4	89.9	93.7	94.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000		69.7	82.8	90.6	94.5	94.9	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900		69.7	82.9	90.9	94.9	95.3	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800		69.7	83.2	91.3	95.7	96.3	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	.1	70.0	83.6	92.5	96.9	97.6	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	.1	70.0	83.6	92.6	97.0	97.7	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	.1	70.0	83.8	92.6	97.0	97.7	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	.1	70.0	83.8	92.7	97.2	97.9	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	.1	70.0	83.8	92.7	97.2	98.0	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	70.0	83.8	92.7	97.2	98.0	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	70.0	83.8	92.7	97.2	98.0	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	.1	70.0	83.8	92.7	97.2	98.0	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 703

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		46.2	53.2	56.9	59.0	59.3	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 20000		51.3	59.6	64.0	66.4	66.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000		51.3	59.6	64.0	66.4	66.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 16000		51.3	59.6	64.0	66.4	66.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000		52.0	60.3	64.7	67.1	67.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000		52.5	61.0	65.4	67.8	68.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000		56.5	66.0	70.5	73.0	73.3	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000		56.9	66.4	70.9	73.4	73.7	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 8000		59.9	70.9	76.6	79.1	79.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000		60.5	71.6	77.4	79.9	80.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000		60.6	71.8	77.5	80.1	80.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000		61.2	72.5	78.7	81.4	81.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500		61.6	72.9	79.1	82.1	82.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000		63.6	74.9	81.9	84.9	85.2	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500		64.0	75.3	82.3	85.5	85.7	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000		65.7	77.1	85.0	88.4	88.7	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500		66.5	78.4	86.4	90.8	90.3	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000		67.4	79.2	87.7	91.5	91.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800		67.7	79.5	88.0	91.9	92.2	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500		69.1	81.1	90.0	94.1	94.4	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200		69.6	81.6	90.5	94.6	94.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000		70.5	82.6	91.9	96.0	96.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900		70.5	82.6	91.9	96.0	96.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800		70.5	82.8	92.4	96.5	96.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700		70.6	82.9	92.5	96.6	97.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600		70.6	82.9	92.5	96.6	97.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500		70.8	83.1	92.8	96.9	97.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		70.9	83.2	93.2	97.3	97.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300		70.9	83.2	93.8	97.9	98.3	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200		70.9	83.2	93.8	97.9	98.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		70.9	83.2	93.8	97.9	98.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		70.9	83.2	93.8	97.9	98.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 706

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

724140 PATUXENT RIVER NAS MD 73-80 JUN

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	≥⅞	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	.0	40.3	49.4	49.5	51.8	52.2	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	.0	46.8	54.1	58.8	61.5	61.9	63.0	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	.0	46.8	54.1	58.8	61.6	62.0	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5
≥ 16000	.0	46.8	54.2	58.9	61.7	62.1	63.1	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5
≥ 14000	.0	47.3	54.7	59.4	62.2	62.6	63.7	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	.0	48.0	55.5	60.3	63.1	63.5	64.6	64.8	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	.0	51.4	59.5	64.8	68.0	68.4	69.5	69.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000	.0	51.6	59.8	65.1	68.2	68.7	69.8	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000	.1	55.5	65.0	71.1	74.6	75.1	76.2	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	.1	56.3	65.9	72.1	75.7	76.1	77.3	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	.1	56.6	66.3	72.6	76.2	76.6	77.8	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	.1	57.2	66.9	73.3	77.0	77.5	78.6	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	.1	58.0	67.8	74.4	78.2	78.6	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3
≥ 4000	.1	59.6	69.9	76.9	80.9	81.4	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1
≥ 3500	.1	60.5	70.7	77.7	81.8	82.3	83.6	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	.1	62.9	73.4	80.9	85.2	85.7	87.0	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	.1	63.7	74.5	82.2	86.7	87.2	88.7	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 2000	.1	64.8	75.8	83.8	88.6	89.1	9 .6	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	.1	65.1	76.1	84.2	88.9	89.4	91.0	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 1500	.1	66.1	77.2	85.7	90.7	91.3	92.9	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	.1	66.5	77.8	86.4	91.6	92.1	93.7	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 1000	.1	67.1	78.5	87.5	92.8	93.6	95.3	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	.1	67.2	78.7	87.8	93.2	94.0	95.8	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	.1	67.4	79.1	88.4	93.8	94.9	96.7	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	.1	67.7	79.4	88.9	94.4	95.4	97.3	97.6	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	.1	67.7	79.5	89.0	94.7	95.8	97.8	98.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	.1	67.8	79.6	89.2	94.9	96.1	98.2	98.6	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	.1	67.8	79.7	89.4	95.2	96.3	98.5	98.9	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	.1	67.8	79.7	89.4	95.4	96.6	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	.1	67.8	79.7	89.4	95.4	96.6	98.8	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	.1	67.8	79.7	89.4	95.4	96.6	98.8	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	.1	67.8	79.7	89.4	95.4	96.6	98.8	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5681

USAF ETAC FORM AM 80 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724060 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.1	37.8	47.1	54.0	56.7	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	.1	41.7	53.6	63.0	66.8	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	.1	41.7	53.6	63.0	66.8	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	.1	41.7	53.6	63.0	66.8	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	.1	41.7	53.6	63.0	66.9	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	.1	42.2	54.5	63.9	68.2	68.9	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	.1	44.8	57.7	68.3	73.5	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	.1	44.9	57.8	68.4	73.6	74.3	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	.1	47.7	62.0	74.3	80.2	80.9	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	.1	48.5	63.1	75.4	81.3	82.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	.1	48.5	63.1	75.4	81.3	82.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	.1	50.0	64.8	77.0	83.3	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	.1	50.3	65.0	77.3	83.6	84.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	.1	50.8	65.7	78.7	85.1	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	.1	51.0	66.3	79.2	85.8	86.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	.1	52.2	68.2	81.7	88.5	89.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	.1	52.7	69.0	82.7	89.9	90.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	.1	53.3	69.5	83.3	91.3	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	.1	53.4	69.7	83.5	91.4	92.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	.1	53.7	70.6	84.7	92.8	94.0	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	.1	53.7	71.0	85.4	93.6	94.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	.1	54.1	71.4	85.9	94.1	95.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	.1	54.6	72.3	86.7	94.9	96.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	.1	54.8	72.5	87.0	95.2	96.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	.1	54.9	72.7	87.2	95.4	97.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	.1	54.9	72.7	87.2	95.5	97.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	.1	54.9	72.7	87.2	95.5	97.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	.1	54.9	72.7	87.2	95.5	97.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	.1	54.9	72.7	87.2	95.5	97.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	54.9	72.7	87.2	95.5	97.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	54.9	72.7	87.2	95.5	97.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	54.9	72.7	87.2	95.5	97.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 732

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724080 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		32.7	40.7	48.8	54.8	55.5	56.8	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000		35.6	45.8	56.3	63.7	64.5	66.8	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 18000		35.6	45.8	56.3	63.7	64.5	66.8	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000		35.6	45.8	56.3	63.7	64.5	66.8	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000		35.6	45.8	56.3	63.7	64.5	66.8	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 12000		36.0	46.6	57.3	64.9	65.8	68.2	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000		39.5	51.0	61.9	70.5	72.1	74.5	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000		39.5	51.1	62.1	70.7	72.2	74.7	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000		42.6	55.1	66.8	77.1	78.6	81.1	81.5	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000		43.4	55.9	68.1	78.5	80.0	82.5	82.9	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000		43.4	56.0	68.2	78.6	80.1	82.6	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000		44.1	56.7	69.0	80.0	81.6	84.2	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500		44.7	57.3	69.6	80.7	82.3	84.9	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000		45.6	58.6	71.1	82.5	84.2	86.8	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500		45.9	59.2	71.6	83.0	84.8	87.5	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000		46.8	61.1	74.1	85.8	87.7	90.4	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500		47.1	61.5	74.5	86.3	88.2	91.4	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000		47.1	61.6	74.7	86.4	88.5	91.6	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800		47.1	61.6	74.8	86.6	88.6	91.8	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500		47.1	62.1	75.6	87.5	89.6	92.7	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200		47.3	62.5	76.7	88.6	90.7	94.0	94.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000		47.7	63.2	77.7	89.9	91.9	95.2	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900		47.7	63.4	77.9	90.3	92.5	95.9	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800		48.1	63.8	78.5	91.0	93.3	97.1	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700		48.1	63.8	78.5	91.0	93.4	97.1	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		48.1	63.8	78.6	91.2	93.7	98.2	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		48.1	63.8	78.8	91.4	93.8	98.5	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		48.1	63.8	78.8	91.4	93.8	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		48.1	63.8	78.8	91.4	93.8	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		48.1	63.8	78.8	91.4	93.8	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		48.1	63.8	78.8	91.4	93.8	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		48.1	63.8	78.8	91.4	93.8	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.4	26.7	33.3	39.9	44.7	46.3	49.3	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.1	51.1
≥ 20000	.4	31.1	38.5	45.8	51.6	53.6	57.1	58.6	58.8	59.3	59.3	59.3	59.3	59.3	59.5	59.5
≥ 18000	.4	31.1	38.5	45.8	51.6	53.6	57.1	58.6	58.8	59.3	59.3	59.3	59.3	59.3	59.5	59.5
≥ 16000	.4	31.1	38.5	45.8	51.6	53.6	57.1	58.6	58.8	59.3	59.3	59.3	59.3	59.3	59.5	59.5
≥ 14000	.4	31.4	38.8	46.2	52.1	54.0	57.5	59.0	59.2	59.7	59.7	59.7	59.7	59.7	59.9	59.9
≥ 12000	.4	32.3	39.7	47.3	53.2	55.1	58.6	60.1	60.3	60.8	60.8	60.8	60.8	60.8	61.0	61.0
≥ 10000	.4	37.1	45.1	53.8	61.6	64.4	68.4	69.9	70.0	70.5	70.5	70.5	70.5	70.5	70.7	70.7
≥ 9000	.4	37.1	45.1	54.0	61.8	64.5	68.5	70.0	70.1	70.7	70.7	70.7	70.7	70.7	70.8	70.8
≥ 8000	.5	41.4	51.6	62.9	72.3	75.1	79.0	80.5	80.7	81.2	81.2	81.2	81.2	81.2	81.4	81.4
≥ 7000	.5	42.1	52.5	63.7	73.2	75.9	79.9	81.4	81.5	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 6000	.5	42.1	52.5	63.7	73.2	75.9	79.9	81.4	81.5	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 5000	.5	43.0	53.6	65.1	74.9	77.7	82.1	83.6	83.7	84.2	84.2	84.2	84.2	84.2	84.4	84.4
≥ 4500	.5	43.2	54.0	65.5	75.5	78.2	82.6	84.1	84.2	84.8	84.8	84.8	84.8	84.8	84.9	84.9
≥ 4000	.5	43.8	54.8	66.4	76.8	79.6	84.0	85.5	85.6	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 3500	.5	44.0	54.9	67.0	77.8	80.7	85.1	86.6	86.7	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 3000	.5	44.8	56.3	68.8	79.9	83.0	87.5	89.0	89.2	89.7	89.7	89.7	89.7	89.7	89.9	89.9
≥ 2500	.5	44.8	56.3	68.8	80.0	83.2	87.7	89.2	89.3	89.9	89.9	89.9	89.9	89.9	90.0	90.0
≥ 2000	.5	44.9	56.4	68.9	80.1	83.4	88.1	89.6	89.7	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 1800	.5	44.9	56.4	68.9	80.3	83.6	88.2	89.7	89.9	90.4	90.4	90.4	90.4	90.4	90.5	90.5
≥ 1500	.5	45.2	56.7	69.2	80.8	84.2	89.0	90.5	90.7	91.2	91.2	91.2	91.2	91.2	91.4	91.4
≥ 1200	.5	45.3	57.0	69.7	81.4	84.9	89.7	91.2	91.4	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 1000	.5	45.5	57.5	70.5	83.0	86.7	91.6	93.4	93.6	94.2	94.2	94.2	94.2	94.2	94.4	94.4
≥ 900	.5	45.9	58.1	71.1	83.6	87.4	92.3	94.2	94.4	95.1	95.1	95.1	95.1	95.1	95.3	95.3
≥ 800	.5	46.4	59.0	72.3	84.9	88.9	94.1	96.4	96.6	97.3	97.3	97.3	97.3	97.3	97.5	97.5
≥ 700	.5	46.6	59.2	72.6	85.3	89.3	94.5	97.0	97.1	97.8	97.8	97.8	97.8	97.8	98.1	98.1
≥ 600	.5	46.6	59.2	72.6	85.3	89.6	94.8	97.7	97.8	98.5	98.5	98.5	98.5	98.5	98.8	98.8
≥ 500	.5	46.8	59.5	72.9	85.9	90.1	95.3	98.2	98.4	99.0	99.0	99.0	99.0	99.0	99.3	99.3
≥ 400	.5	46.8	59.5	72.9	85.9	90.1	95.5	98.6	98.8	99.5	99.5	99.5	99.5	99.5	99.7	99.7
≥ 300	.5	46.8	59.5	72.9	85.9	90.1	95.6	98.8	98.9	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 200	.5	46.8	59.5	72.9	85.9	90.1	95.6	98.8	98.9	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 100	.5	46.8	59.5	72.9	85.9	90.1	95.6	98.8	98.9	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 0	.5	46.8	59.5	72.9	85.9	90.1	95.6	98.8	98.9	99.6	99.6	99.6	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	1.2	36.0	41.4	47.0	50.7	52.0	53.5	53.8	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	1.2	41.7	47.7	54.9	59.5	60.9	62.9	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	1.2	41.7	47.7	54.9	59.5	60.9	62.9	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000	1.2	41.8	47.8	55.0	59.6	61.0	63.0	63.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	1.2	42.0	48.0	55.2	59.8	61.1	63.2	63.5	63.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	1.2	42.9	48.9	56.1	60.7	62.1	64.1	64.4	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 10000	1.2	46.9	53.4	62.8	67.0	68.3	70.5	70.8	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000	1.2	47.1	53.7	62.5	67.5	68.9	71.1	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	1.4	49.3	56.8	67.5	73.4	75.0	77.3	77.6	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	1.4	49.9	57.5	68.2	74.3	76.1	78.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	1.4	49.9	57.6	68.3	74.7	76.5	78.8	79.1	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	1.4	50.7	58.4	69.4	75.8	77.6	80.0	80.3	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	1.4	51.2	59.1	70.1	76.5	78.3	81.0	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	1.4	52.2	60.5	72.3	79.1	80.8	83.6	83.8	83.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	1.4	52.3	60.6	72.8	79.8	81.5	84.2	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	1.4	53.5	63.0	75.8	83.3	85.5	88.6	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	1.4	54.3	63.9	76.8	84.2	86.5	89.7	90.1	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	1.4	54.6	64.1	77.3	85.1	87.4	90.6	91.2	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	1.4	55.0	64.5	77.7	85.6	87.9	91.2	91.7	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	1.4	56.1	66.0	79.5	88.3	90.8	94.0	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	1.4	56.5	66.6	80.0	89.0	91.6	95.0	95.5	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	1.4	57.2	67.3	80.7	90.2	93.3	96.9	97.4	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	1.4	57.3	67.4	80.8	90.5	93.6	97.4	98.1	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	1.4	57.3	67.5	81.1	90.8	93.9	97.7	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	1.4	57.3	67.8	81.4	91.0	94.2	98.0	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	1.4	57.3	67.8	81.4	91.0	94.2	98.0	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	1.4	57.3	67.8	81.4	91.0	94.2	98.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.4	57.3	67.8	81.4	91.0	94.2	98.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.4	57.3	67.8	81.4	91.0	94.2	98.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.4	57.3	67.8	81.4	91.0	94.2	98.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.4	57.3	67.8	81.4	91.0	94.2	98.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.4	57.3	67.8	81.4	91.0	94.2	98.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 736

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	1.1	35.2	42.0	47.9	51.4	52.5	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	1.1	43.8	52.5	59.5	63.5	64.6	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	1.1	43.8	52.5	59.5	63.5	64.6	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	1.1	43.8	52.5	59.5	63.5	64.6	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	1.1	43.8	52.5	59.9	63.9	65.0	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	1.1	44.9	53.6	61.3	65.2	66.3	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 10000	1.1	47.8	56.7	65.1	69.2	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	1.1	47.8	56.7	65.1	69.2	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	1.1	48.9	59.1	68.3	73.6	75.0	76.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	1.1	49.2	59.3	68.5	73.9	75.3	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	1.1	49.2	59.5	68.7	74.0	75.4	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	1.1	49.5	60.2	69.6	75.3	76.6	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	1.1	50.0	60.7	70.3	76.0	77.3	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	1.1	51.1	62.0	72.3	77.9	79.3	81.3	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	1.1	51.6	62.5	72.9	78.8	80.4	82.4	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	1.1	54.8	66.8	79.0	85.7	87.6	90.2	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	1.1	56.3	68.8	81.2	88.3	90.7	93.3	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	1.1	57.0	69.8	82.6	90.2	92.6	95.3	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	1.1	57.1	69.9	82.8	90.7	93.0	95.7	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	1.1	57.8	71.0	84.1	92.2	94.6	97.7	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	1.1	57.8	71.0	84.1	92.2	94.6	97.7	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	1.1	57.8	71.2	84.3	92.7	95.2	98.2	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	1.1	57.8	71.2	84.3	92.9	95.3	98.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	1.1	57.8	71.2	84.5	93.3	95.7	98.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	1.1	57.8	71.2	84.5	93.4	95.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	1.1	57.8	71.2	84.5	93.4	95.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	1.1	57.8	71.2	84.5	93.4	95.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.1	57.8	71.2	84.5	93.4	95.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.1	57.8	71.2	84.5	93.4	95.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.1	57.8	71.2	84.5	93.4	95.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.1	57.8	71.2	84.5	93.4	95.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.1	57.8	71.2	84.5	93.4	95.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 728

USAF ETAC FORM AM 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.1	32.6	39.5	44.8	48.6	49.5	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	1.1	40.1	49.0	55.8	60.9	62.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	1.1	40.1	49.0	55.8	60.9	62.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	1.1	40.1	49.0	55.8	60.9	62.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	1.1	40.1	49.0	56.3	61.4	62.8	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	1.1	41.2	50.7	58.2	63.7	65.1	66.0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 10000	1.1	45.0	55.0	63.3	70.0	71.3	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	1.1	45.0	55.0	63.5	70.1	71.5	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	1.1	47.4	58.3	68.2	75.7	77.2	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	1.1	47.7	59.2	69.3	76.8	78.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	1.1	47.8	59.4	69.4	76.9	78.4	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000	1.1	48.6	60.2	70.4	78.3	79.8	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	1.1	49.2	60.9	71.3	79.2	80.7	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	1.1	50.0	62.1	73.9	82.1	83.6	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	1.1	50.0	62.1	73.9	82.2	83.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	1.1	54.2	67.4	79.8	89.1	90.9	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	1.1	54.6	67.9	80.4	90.2	92.0	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	1.1	54.9	68.5	81.1	91.3	93.1	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	1.1	54.9	68.5	81.1	91.3	93.1	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	1.1	55.3	69.0	82.2	92.5	94.4	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	1.1	55.3	69.0	82.5	92.9	94.8	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	1.1	55.3	69.0	82.6	93.6	95.5	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	1.1	55.3	69.0	82.7	93.8	95.8	98.4	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5
≥ 800	1.1	55.3	69.0	82.7	93.9	95.9	98.5	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 700	1.1	55.3	69.0	82.7	94.0	96.1	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 600	1.1	55.3	69.0	82.7	94.0	96.1	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 500	1.1	55.3	69.0	82.7	94.0	96.1	98.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	1.1	55.3	69.0	82.7	94.0	96.1	98.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	1.1	55.3	69.0	82.7	94.0	96.1	98.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	1.1	55.3	69.0	82.7	94.0	96.1	98.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	1.1	55.3	69.0	82.7	94.0	96.1	98.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	1.1	55.3	69.0	82.7	94.0	96.1	98.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 736

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	.8	32.1	39.1	44.5	47.0	48.1	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	.8	39.1	48.5	55.9	59.5	61.4	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	.8	39.1	48.5	55.9	59.5	61.4	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	.8	39.1	48.5	55	59.5	61.4	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	.8	39.3	48.8	56.3	60.0	62.1	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 12000	.8	40.2	50.4	58.4	62.4	64.4	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	.8	42.6	53.6	62.4	67.4	69.5	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	.8	42.7	53.7	62.5	67.6	69.6	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 8000	.8	46.3	58.7	69.1	75.1	77.2	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	.8	47.7	60.3	71.8	78.2	80.2	82.1	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	.8	47.9	60.6	72.1	78.4	80.5	82.4	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	.8	48.5	61.3	72.9	79.5	81.9	83.9	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	.8	48.6	61.5	73.5	80.2	82.6	84.8	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	.8	49.5	62.5	74.7	81.7	84.1	86.3	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	.8	49.5	62.5	74.9	82.4	84.8	87.0	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	.8	51.6	65.1	78.3	86.3	88.7	90.9	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	.8	52.3	66.2	79.5	88.0	90.5	92.7	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	.8	53.2	67.0	80.9	89.8	92.3	94.6	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	.8	53.2	67.2	81.2	90.2	92.7	95.1	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	.8	53.4	67.6	81.7	90.8	93.3	96.0	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	.8	53.4	67.6	82.0	91.1	93.5	96.3	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	.8	53.6	67.7	82.3	91.6	94.1	97.1	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	.8	53.6	67.7	82.6	91.9	94.4	97.4	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	.8	53.7	67.9	83.0	92.3	94.8	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	.8	53.7	67.9	83.1	92.6	95.1	98.1	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	.8	53.7	67.9	83.1	92.6	95.1	98.1	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	.8	53.	68.0	83.5	93.1	95.6	98.6	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	.8	53.7	68.0	83.5	93.1	95.7	98.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.8	53.7	68.0	83.5	93.1	95.7	98.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.8	53.7	68.0	83.5	93.1	95.7	98.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.8	53.7	68.0	83.5	93.1	95.7	98.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.8	53.7	68.0	83.5	93.1	95.7	98.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 728

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		35.3	42.2	48.6	52.2	53.3	53.6	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000		39.0	49.0	57.1	62.2	63.4	64.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000		39.2	49.2	57.3	62.3	63.6	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000		39.2	49.2	57.3	62.3	63.6	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000		39.2	49.2	57.3	62.6	63.8	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000		39.2	49.9	58.4	63.8	65.1	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000		41.9	53.4	63.3	69.2	70.4	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000		41.9	53.4	63.3	69.2	70.4	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 8000		46.0	59.3	70.4	77.9	79.2	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000		46.7	60.5	72.5	80.1	81.4	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000		46.8	60.7	72.6	80.3	81.5	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000		47.7	61.6	74.5	82.5	83.7	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500		47.5	61.9	75.1	83.4	84.7	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000		48.5	62.7	77.0	85.9	87.1	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500		48.6	62.9	77.1	86.0	87.3	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000		50.4	65.6	80.5	90.1	91.4	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500		51.5	66.7	81.9	91.5	92.7	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000		51.9	67.3	82.7	92.5	93.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800		52.1	67.4	83.0	92.7	94.0	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500		52.6	67.9	84.0	94.1	95.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200		52.7	68.2	84.5	94.7	95.9	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000		53.0	68.6	85.1	95.2	96.4	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900		53.0	68.6	85.1	95.3	96.7	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800		53.0	68.6	85.2	95.5	96.8	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700		53.3	68.9	85.5	95.8	97.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		53.3	68.9	85.5	95.9	97.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		53.3	68.9	85.6	96.3	97.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		53.3	68.9	85.6	96.3	97.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		53.3	68.9	85.6	96.3	97.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		53.3	68.9	85.6	96.3	97.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		53.3	68.9	85.6	96.3	97.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		53.3	68.9	85.6	96.3	97.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.6	33.6	40.7	46.9	50.8	51.8	52.9	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	.6	39.0	48.1	56.0	61.0	62.3	63.8	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 18000	.6	39.0	48.1	56.1	61.0	62.3	63.9	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 16000	.6	39.1	48.1	56.1	61.0	62.3	63.9	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	.6	39.1	48.2	56.3	61.3	62.6	64.2	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.0
≥ 12000	.6	39.9	49.3	57.6	62.8	64.1	65.7	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	.6	43.2	53.2	62.5	68.6	70.1	71.8	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000	.6	43.3	53.3	62.7	68.7	70.2	72.0	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	.6	46.2	57.6	68.4	75.7	77.3	79.1	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 7000	.6	46.9	58.5	69.7	77.0	78.6	80.5	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	.6	47.0	58.7	69.8	77.2	78.8	80.6	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	.6	47.8	59.6	71.0	78.7	80.4	82.4	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 4500	.6	48.1	60.1	71.6	79.4	81.0	83.2	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	.6	48.9	61.1	73.3	81.4	83.1	85.2	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	.6	49.1	61.4	73.7	82.0	83.7	85.9	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	.6	51.1	64.2	77.2	86.1	88.0	90.5	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	.6	51.7	65.0	78.2	87.3	89.3	91.8	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	.6	52.1	65.5	78.9	88.3	90.4	93.0	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	.6	52.2	65.7	79.1	88.6	90.6	93.3	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	.6	52.7	66.4	80.1	89.9	92.0	94.8	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	.6	52.8	66.6	80.6	90.4	92.6	95.5	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 1000	.6	53.0	67.0	81.1	91.3	93.6	96.6	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	.6	53.2	67.2	81.4	91.6	94.0	97.0	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 800	.6	53.3	67.5	81.8	92.1	94.5	97.6	98.5	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 700	.6	53.4	67.6	81.9	92.3	94.8	97.9	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	.6	53.4	67.6	81.9	92.4	94.9	98.1	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	.6	53.4	67.6	82.1	92.6	95.1	98.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	.6	53.4	67.6	82.1	92.6	95.1	98.4	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	.6	53.4	67.6	82.1	92.6	95.1	98.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	.6	53.4	67.6	82.1	92.6	95.1	98.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	.6	53.4	67.6	82.1	92.6	95.1	98.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	.6	53.4	67.6	82.1	92.6	95.1	98.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5850

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅝	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	.1	35.1	42.8	51.1	56.5	56.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	.1	38.0	49.2	59.3	66.2	66.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	.1	38.0	49.2	59.3	66.2	66.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	.1	38.0	49.2	59.3	66.2	66.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	.1	38.0	49.2	59.3	66.2	66.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	.1	38.0	49.3	59.5	66.5	66.6	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	.1	42.0	54.1	65.2	73.3	73.6	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	.1	42.1	54.5	65.7	73.8	74.1	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	.1	45.2	58.3	71.3	79.8	80.2	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	.1	45.4	58.6	71.5	80.1	80.5	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 6000	.1	45.4	58.6	71.5	80.1	80.5	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	.1	45.6	59.1	72.1	80.8	81.2	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	.1	46.6	60.1	73.8	81.7	82.4	84.1	84.2	84.2	84.3	84.3	84.3	84.5	84.5	84.5	84.5
≥ 4000	.1	47.4	61.2	74.3	83.2	84.1	85.7	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 3500	.1	47.8	61.7	74.8	84.3	85.1	86.8	86.9	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 3000	.1	50.1	65.7	79.3	89.4	90.2	91.8	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 2500	.1	50.7	66.3	80.4	90.5	91.3	92.9	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 2000	.1	50.8	66.5	80.5	90.7	91.6	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 1800	.1	51.0	66.6	80.7	90.9	91.7	93.5	93.6	93.6	93.7	93.7	93.7	93.9	93.9	93.9	93.9
≥ 1500	.1	51.4	67.0	81.3	91.8	92.8	94.8	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 1200	.1	51.9	67.6	82.0	92.5	93.5	95.5	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1000	.1	52.2	67.8	82.3	92.8	93.7	95.8	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5
≥ 900	.1	52.7	68.7	83.1	93.6	94.6	97.0	97.4	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7
≥ 800	.1	53.1	69.1	83.5	94.0	95.0	97.4	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 700	.1	53.3	69.6	84.2	94.8	96.0	98.6	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	.1	53.3	69.8	84.6	95.2	96.5	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 500	.1	53.3	69.8	84.6	95.2	96.5	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	.1	53.3	69.8	84.6	95.2	96.5	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	.1	53.3	69.8	84.6	95.2	96.5	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	.1	53.3	69.8	84.6	95.2	96.5	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	.1	53.3	69.8	84.6	95.2	96.5	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	.1	53.3	69.8	84.6	95.2	96.5	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 739

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅝	≥½	≥⅜	≥¼	≥0	
NO CEILING	.1	28.5	39.3	48.4	56.2	56.6	58.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	.1	30.8	43.3	53.4	62.3	63.0	64.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 18000	.1	30.8	43.3	53.4	62.3	63.0	64.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000	.1	30.8	43.3	53.4	62.3	63.0	64.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	.1	31.0	43.4	53.6	62.5	63.2	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	.1	31.1	44.0	54.1	63.6	64.2	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	.1	35.2	48.9	59.5	70.4	71.4	73.3	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 9000	.1	35.3	49.0	59.6	70.5	71.5	73.4	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	.1	38.8	54.0	66.3	77.9	79.0	81.4	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	.1	38.8	54.0	66.3	77.9	79.0	81.4	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	.1	38.8	54.0	66.3	77.9	79.0	81.4	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	.1	39.5	54.7	67.1	78.9	80.0	82.3	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	.1	40.0	55.2	67.7	79.5	80.5	82.9	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	.1	41.4	57.3	70.0	81.9	83.4	85.8	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	.1	41.6	57.8	70.5	82.7	84.2	86.6	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	.1	43.7	60.8	73.6	86.3	87.8	90.1	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	.1	44.0	61.1	74.0	86.7	88.2	90.5	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	.1	44.4	61.6	74.9	87.9	89.5	91.8	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	.1	45.1	62.3	75.8	88.8	90.3	92.6	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	.1	45.3	63.2	76.6	89.9	91.4	93.7	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	.1	45.8	63.6	77.0	90.7	92.2	94.5	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	.1	46.2	64.2	77.7	91.4	93.0	95.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	.1	46.4	64.7	78.1	91.9	93.6	96.2	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	.1	46.7	64.9	78.8	92.7	94.4	97.0	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	.1	46.7	65.2	79.2	93.2	94.9	97.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	.1	46.7	65.6	79.6	93.7	95.5	98.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	.1	46.7	65.8	79.7	93.8	95.6	98.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	.1	46.7	65.9	79.9	94.0	95.8	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.1	46.7	65.9	79.9	94.0	95.8	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	46.7	65.9	79.9	94.0	95.8	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	46.7	65.9	79.9	94.0	95.8	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	46.7	65.9	79.9	94.0	95.8	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-.MU (STATION) PATUXENT RIVER NAS MU (STATION NAME) 73-80 (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	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING		22.6	31.5	39.3	47.0	49.0	52.0	52.0	52.0	52.3	52.6	52.6	52.7	52.7	52.7	52.7
≥ 20000		26.8	36.9	45.8	54.8	57.7	61.6	61.6	61.6	61.9	62.1	62.1	62.3	62.3	62.3	62.3
≥ 18000		26.8	36.9	45.8	54.8	57.7	61.6	61.6	61.6	61.9	62.1	62.1	62.3	62.3	62.3	62.3
≥ 16000		26.8	36.9	45.8	54.8	57.7	61.6	61.6	61.6	61.9	62.1	62.1	62.3	62.3	62.3	62.3
≥ 14000		27.5	37.7	46.6	55.6	58.5	62.4	62.4	62.4	62.7	63.0	63.0	63.1	63.1	63.1	63.1
≥ 12000		28.0	38.6	47.6	56.6	59.5	63.4	63.4	63.4	63.7	63.9	63.9	64.1	64.1	64.1	64.1
≥ 10000		31.1	42.3	52.3	62.1	66.6	71.4	71.6	71.6	71.8	72.1	72.1	72.3	72.3	72.3	72.3
≥ 9000		31.1	42.3	52.4	62.3	66.7	71.6	71.7	71.7	72.0	72.3	72.3	72.4	72.4	72.4	72.4
≥ 8000		35.8	49.2	60.7	71.4	76.0	81.6	81.7	81.7	82.0	82.2	82.2	82.4	82.4	82.4	82.4
≥ 7000		36.1	49.5	61.0	72.0	76.6	82.1	82.2	82.2	82.5	82.8	82.8	82.9	82.9	82.9	82.9
≥ 6000		36.3	49.8	61.3	72.3	76.8	82.4	82.5	82.5	82.8	83.1	83.1	83.2	83.2	83.2	83.2
≥ 5000		36.4	50.6	62.3	73.5	78.1	83.6	83.8	83.8	84.0	84.3	84.3	84.5	84.5	84.5	84.5
≥ 4500		37.0	50.8	62.4	73.6	78.2	83.8	83.9	83.9	84.2	84.5	84.5	84.6	84.6	84.6	84.6
≥ 4000		37.6	51.3	63.7	75.0	79.8	85.6	85.7	85.7	86.0	86.3	86.3	86.4	86.4	86.4	86.4
≥ 3500		37.7	51.5	63.8	75.5	80.2	86.0	86.1	86.1	86.4	86.7	86.7	86.8	86.8	86.8	86.8
≥ 3000		38.3	52.3	65.5	77.4	82.2	88.1	88.2	88.2	88.5	88.8	88.8	88.9	88.9	88.9	88.9
≥ 2500		38.4	52.7	65.9	77.8	82.7	88.5	88.6	88.6	89.0	89.3	89.3	89.5	89.5	89.5	89.5
≥ 2000		39.0	53.4	66.9	78.9	83.9	89.7	89.9	89.9	90.3	90.6	90.6	90.7	90.7	90.7	90.7
≥ 1800		39.1	53.5	67.0	79.1	84.0	89.9	90.0	90.0	90.4	90.7	90.7	90.8	90.8	90.8	90.8
≥ 1500		39.8	54.2	68.0	80.0	85.2	91.0	91.1	91.1	91.5	91.8	91.8	92.0	92.0	92.0	92.0
≥ 1200		40.2	54.8	68.5	81.0	86.4	92.4	92.6	92.6	93.1	93.3	93.3	93.5	93.5	93.5	93.5
≥ 1000		41.5	55.9	69.6	82.4	88.1	94.2	94.6	94.6	95.0	95.3	95.3	95.4	95.4	95.4	95.4
≥ 900		41.3	56.0	69.8	82.7	88.3	94.5	94.9	94.9	95.3	95.6	95.6	95.8	95.8	95.8	95.8
≥ 800		42.2	57.0	71.0	84.2	89.9	96.0	96.4	96.4	96.8	97.1	97.1	97.4	97.4	97.4	97.4
≥ 700		42.6	57.4	71.4	84.6	90.3	96.4	96.8	96.8	97.2	97.6	97.6	98.1	98.1	98.1	98.1
≥ 600		42.7	57.7	71.8	85.4	91.3	97.4	97.8	97.8	98.2	98.6	98.6	99.0	99.0	99.0	99.0
≥ 500		42.7	57.8	72.1	86.1	92.1	98.2	98.6	98.6	99.0	99.4	99.4	99.9	99.9	99.9	99.9
≥ 400		42.7	57.8	72.1	86.1	92.1	98.2	98.6	98.6	99.0	99.6	99.6	100.0	100.0	100.0	100.0
≥ 300		42.7	57.8	72.1	86.1	92.1	98.2	98.6	98.6	99.0	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200		42.7	57.8	72.1	86.1	92.1	98.2	98.6	98.6	99.0	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100		42.7	57.8	72.1	86.1	92.1	98.2	98.6	98.6	99.0	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0		42.7	57.8	72.1	86.1	92.1	98.2	98.6	98.6	99.0	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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		28.2	37.2	45.7	51.0	52.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000		32.6	43.4	53.5	60.2	61.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000		32.6	43.4	53.5	60.2	61.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000		32.6	43.4	53.5	60.2	61.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000		33.0	43.8	53.9	60.6	61.9	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000		33.6	45.0	55.3	61.9	63.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000		37.5	49.2	60.3	68.6	70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000		38.2	50.1	61.1	69.4	70.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000		40.8	53.3	64.8	73.7	75.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 7000		41.2	53.8	65.3	74.2	75.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000		41.6	54.2	65.8	74.6	76.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000		42.7	55.3	66.8	75.7	77.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500		42.7	55.3	66.8	75.7	77.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000		43.0	55.8	67.8	77.2	79.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500		43.2	56.1	68.1	77.6	79.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000		46.1	59.3	72.0	81.9	84.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500		46.7	60.2	73.0	82.8	85.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000		48.2	61.8	74.8	84.9	87.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800		48.2	61.9	74.9	85.0	87.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500		49.2	63.3	77.1	87.7	90.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200		49.9	64.1	78.0	88.8	92.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000		50.9	65.6	79.7	90.7	94.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900		50.9	65.6	79.8	91.3	95.0	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800		51.4	66.7	80.9	92.5	96.2	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700		51.4	66.7	80.9	92.8	96.5	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		51.4	66.7	80.9	92.9	96.6	99.2	99.2	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500		51.6	66.7	80.9	93.3	97.0	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400		51.6	66.7	80.9	93.3	97.0	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300		51.6	66.7	80.9	93.3	97.0	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200		51.6	66.7	80.9	93.3	97.0	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		51.6	66.7	80.9	93.3	97.0	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		51.6	66.7	80.9	93.3	97.0	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 733

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724180 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	.1	30.7	38.7	46.5	50.8	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	.1	36.6	46.5	56.0	62.1	62.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	.1	36.6	46.5	56.0	62.1	62.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	.1	36.6	46.5	56.0	62.1	62.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	.1	36.6	46.6	56.1	62.3	62.8	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	.1	37.4	47.9	57.3	63.5	64.1	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	.1	41.2	52.5	62.4	69.3	70.1	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	.1	41.2	52.7	62.6	69.4	70.2	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	.1	42.3	54.3	65.2	72.0	73.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	.1	43.1	55.1	66.4	73.3	74.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	.1	43.3	55.4	66.7	73.5	74.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	.1	43.9	56.0	67.4	74.3	75.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500	.1	43.9	56.0	67.4	74.3	75.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4000	.1	44.9	56.9	68.9	76.1	77.5	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	.1	46.2	58.4	70.4	77.6	79.0	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	.1	50.1	62.8	75.3	84.0	85.3	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	.1	52.3	65.2	77.8	87.4	88.8	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	.1	53.2	66.3	79.0	89.0	90.5	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	.1	53.2	66.3	79.0	89.0	90.5	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	.1	54.9	67.5	80.7	91.1	92.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	.1	54.9	68.2	81.4	92.0	93.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	.1	55.3	69.0	82.4	93.4	95.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	.1	55.3	69.0	82.4	93.4	95.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	.1	55.3	69.1	82.7	93.6	95.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	.1	55.3	69.3	83.0	93.8	95.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	.1	55.3	69.3	83.1	94.0	96.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	.1	55.4	69.5	83.4	94.4	96.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.1	55.4	69.5	83.4	94.4	96.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.1	55.4	69.5	83.4	94.4	96.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	55.4	69.5	83.4	94.4	96.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	55.4	69.5	83.4	94.4	96.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	55.4	69.5	83.4	94.4	96.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 729

USAF ETAC FORM AM 64 0-16-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.1	27.9	37.5	45.0	50.9	51.0	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	.1	33.3	45.4	54.5	62.4	62.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	.1	33.3	45.4	54.5	62.4	62.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	.1	33.3	45.4	54.5	62.4	62.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	.1	33.7	45.9	55.0	62.9	63.2	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	.1	34.3	47.0	56.2	64.0	64.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	.1	37.6	51.5	60.7	69.2	69.4	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000	.1	37.6	51.6	60.9	69.3	69.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	.1	39.7	54.2	64.3	73.2	73.7	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	.1	40.1	54.8	65.0	73.9	74.4	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	.1	40.7	55.3	65.6	74.4	75.0	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	.1	41.5	56.3	66.7	75.8	76.3	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	.1	41.9	56.7	67.2	76.3	76.9	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	.1	43.0	58.0	68.6	77.9	78.7	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	.1	43.6	58.6	69.3	78.6	79.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	.1	46.9	63.3	75.9	86.7	87.6	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	.1	48.7	65.5	78.1	89.5	90.3	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	.1	49.5	66.4	79.4	91.0	91.8	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	.1	49.5	66.4	79.4	91.0	91.8	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	.1	50.1	67.1	80.9	92.7	93.6	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	.1	50.1	67.1	81.3	93.2	94.2	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	.1	50.6	67.6	82.2	94.2	95.2	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	.1	50.6	67.6	82.2	94.2	95.2	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	.1	50.6	67.6	82.2	94.2	95.2	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	.1	50.6	67.6	82.3	94.5	95.4	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	.1	50.6	67.8	82.4	94.6	95.6	98.5	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	.1	50.8	68.2	82.8	95.0	96.0	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	.1	50.8	68.2	83.0	95.2	96.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	.1	50.8	68.2	83.1	95.3	96.3	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	50.8	68.2	83.1	95.3	96.3	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	50.8	68.2	83.1	95.3	96.3	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	50.8	68.2	83.1	95.3	96.3	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 723

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING		28.1	34.5	41.5	48.3	48.4	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000		35.4	45.2	55.4	62.5	63.4	65.1	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000		35.2	45.4	55.2	62.6	63.2	65.2	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000		35.2	45.7	55.4	62.9	63.4	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000		35.3	45.8	55.6	63.0	63.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000		36.3	46.9	56.7	64.1	64.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000		39.6	51.2	61.8	70.1	70.8	73.0	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000		39.7	51.3	61.9	70.2	70.9	73.1	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 9000		43.2	56.3	68.0	76.3	77.0	79.2	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000		44.3	57.8	69.9	78.5	79.2	81.4	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000		44.3	57.8	69.9	78.5	79.2	81.4	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000		44.6	58.2	70.5	79.0	79.7	82.1	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500		45.4	59.0	71.4	80.0	80.7	83.2	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000		45.9	59.9	73.1	81.9	82.6	85.2	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500		46.3	60.6	73.9	82.8	83.4	86.1	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000		49.9	65.1	79.4	88.8	89.5	92.1	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500		50.3	65.7	80.1	89.6	90.2	93.1	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000		50.8	66.2	81.0	90.9	91.6	94.6	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800		51.2	66.6	81.4	91.3	92.0	95.0	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500		51.8	67.0	81.9	92.0	93.0	96.0	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200		51.6	67.2	82.3	92.4	93.4	96.4	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000		51.7	67.3	82.5	92.6	93.5	96.6	97.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900		51.7	67.3	82.6	93.0	93.9	97.0	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800		52.0	67.7	83.0	93.7	94.6	97.7	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700		52.0	67.7	83.0	93.8	94.8	97.8	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600		52.0	67.7	83.3	94.1	95.0	98.1	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		52.0	67.7	83.4	94.2	95.2	98.2	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		52.0	67.7	83.4	94.2	95.2	98.2	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		52.0	67.7	83.4	94.2	95.2	98.2	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		52.0	67.7	83.7	94.5	95.4	98.5	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		52.0	67.7	83.7	94.5	95.4	98.5	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		52.0	67.7	83.7	94.5	95.4	98.5	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 725

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724060 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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		33.2	41.7	48.8	55.8	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000		37.6	48.0	57.5	65.8	66.6	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000		37.6	48.0	57.5	65.8	66.6	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000		37.6	48.0	57.5	65.8	66.6	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000		38.0	48.6	58.2	66.4	67.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000		38.7	49.3	58.8	67.1	67.9	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000		41.8	53.4	64.3	73.4	74.3	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000		42.1	53.7	64.5	73.6	74.6	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000		45.9	59.8	71.2	81.0	81.9	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000		46.2	60.2	71.6	81.5	82.5	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000		46.2	60.2	71.6	81.5	82.5	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000		46.2	60.2	72.0	81.9	82.9	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500		46.2	60.2	72.1	82.1	83.0	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	.1	46.6	60.6	72.8	82.7	83.8	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	.1	47.0	61.1	73.5	83.4	84.5	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	.1	51.2	66.4	78.9	89.4	90.5	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	.1	51.8	67.3	80.0	90.8	91.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	.1	52.2	68.1	81.4	92.1	93.2	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	.1	52.3	68.5	81.8	92.5	93.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	.1	53.1	69.6	83.2	94.0	95.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	.1	53.3	69.7	83.4	94.3	95.4	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	.1	53.3	69.7	83.4	94.3	95.5	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	.1	53.3	70.2	84.0	95.0	96.2	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	.1	53.3	70.2	84.0	95.0	96.2	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	.1	53.3	70.5	84.2	95.2	96.7	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	.1	53.3	70.7	84.4	95.4	97.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	.1	53.5	70.9	84.8	95.8	97.4	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.1	53.5	70.9	84.8	95.8	97.4	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.1	53.5	70.9	84.8	95.8	97.4	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	53.5	70.9	84.8	95.8	97.4	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	53.5	70.9	84.8	95.8	97.4	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	53.5	70.9	84.8	95.8	97.4	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 736

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724L40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.1	29.1	37.9	45.8	52.1	52.7	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	.1	33.9	44.7	54.4	62.0	63.0	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000	.1	33.9	44.8	54.4	62.1	63.0	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 16000	.1	33.9	44.8	54.4	62.1	63.0	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1
≥ 14000	.1	34.2	45.2	54.8	62.5	63.4	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	.1	34.7	46.0	55.7	63.4	64.3	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	.1	38.3	50.4	60.8	69.6	70.8	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	.1	38.4	50.7	61.1	69.9	71.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	.1	41.5	55.0	66.5	75.7	77.1	79.3	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	.1	41.9	55.5	67.2	76.4	77.8	80.1	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5
≥ 6000	.1	42.1	55.7	67.3	76.6	78.0	80.3	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	.1	42.6	56.3	68.1	77.5	78.9	81.2	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	.1	43.0	56.7	68.5	77.9	79.4	81.7	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	.1	43.7	57.6	69.9	79.5	81.1	83.6	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 3500	.1	44.2	58.2	70.6	80.3	81.9	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	.1	47.1	62.0	75.0	85.5	87.2	89.7	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	.1	47.9	63.0	76.2	86.9	88.5	91.2	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	.1	48.5	63.8	77.2	88.2	89.9	92.6	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 1800	.1	48.7	64.0	77.5	88.5	90.2	92.9	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	.1	49.4	64.9	78.7	89.9	91.8	94.7	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	.1	49.7	65.3	79.3	90.6	92.6	95.5	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	.1	50.2	65.9	80.0	91.5	93.6	96.6	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 900	.1	50.3	66.2	80.3	91.9	94.0	97.1	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 800	.1	50.6	66.6	80.8	92.5	94.6	97.7	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 700	.1	50.7	66.8	81.0	92.8	95.1	98.2	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600	.1	50.7	66.9	81.3	93.2	95.4	98.5	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	.1	50.7	67.1	81.5	93.5	95.8	98.9	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	.1	50.7	67.1	81.5	93.5	95.8	99.0	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	.1	50.7	67.1	81.5	93.6	95.8	99.0	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	.1	50.7	67.1	81.6	93.6	95.9	99.0	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	.1	50.7	67.1	81.6	93.6	95.9	99.0	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	.1	50.7	67.1	81.6	93.6	95.9	99.0	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5831

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅝	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	.6	40.2	49.3	53.1	55.7	55.8	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	.6	44.2	54.6	58.4	61.3	61.4	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	.6	44.2	54.6	58.4	61.3	61.4	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	.6	44.4	54.8	58.7	61.5	61.7	62.1	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	.6	44.6	55.1	59.0	61.8	62.0	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	.6	44.6	55.1	59.0	61.8	62.0	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000	.6	49.3	60.8	65.2	68.8	68.9	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	.6	49.7	61.4	66.1	69.7	69.8	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000	.6	54.7	67.0	72.1	75.6	75.8	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4
≥ 7000	.6	55.1	67.5	72.8	76.4	76.5	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000	.6	55.3	67.7	72.9	76.5	76.6	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	.6	56.0	68.5	74.6	78.2	78.3	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	.6	56.8	69.4	75.5	79.1	79.2	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	.6	57.4	69.9	76.2	79.9	80.1	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	.6	57.7	70.2	76.5	80.2	80.3	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	.7	60.5	74.6	81.6	85.3	85.5	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	.7	61.1	75.4	82.3	86.0	86.3	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	.7	61.5	76.1	83.8	87.7	88.0	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	.7	61.5	76.1	83.9	87.9	88.2	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	.7	62.4	77.4	86.5	90.5	90.9	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	.7	63.2	79.1	87.9	92.0	92.5	93.0	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	1.1	64.2	80.5	90.3	94.6	95.0	95.6	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	1.1	64.4	80.6	90.6	95.0	95.6	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	1.1	64.4	80.8	91.0	95.6	96.4	97.0	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	1.1	64.5	80.9	91.3	95.9	96.7	97.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	1.1	64.5	81.1	91.6	96.2	97.0	98.0	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	1.1	64.5	81.1	91.6	96.3	97.2	98.6	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	1.4	64.8	81.3	91.9	96.9	97.7	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6
≥ 300	1.4	64.8	81.3	91.9	97.0	97.9	99.4	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	1.4	64.8	81.3	91.9	97.0	97.9	99.4	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	1.4	64.8	81.3	91.9	97.0	97.9	99.4	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	1.4	64.8	81.3	91.9	97.0	97.9	99.4	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 702

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	.9	36.4	46.8	51.8	53.8	54.1	55.0	55.0	55.0	55.0	55.0	55.0	55.2	55.2	55.5	55.5
≥ 20000	.9	38.4	49.6	54.8	57.5	57.8	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9	59.2	59.2
≥ 18000	.9	38.4	49.6	54.8	57.5	57.8	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9	59.2	59.2
≥ 16000	.9	38.4	49.6	54.8	57.5	57.8	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9	59.2	59.2
≥ 14000	.9	38.4	49.6	54.9	57.6	57.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.3	59.3
≥ 12000	.9	38.8	50.2	55.5	58.2	58.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.9	59.9
≥ 10000	.9	44.1	56.6	63.3	66.0	66.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.7	67.7
≥ 9000	.9	44.5	57.0	63.7	66.7	67.0	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.6	68.6
≥ 8000	.9	48.6	61.9	68.6	72.0	72.3	73.4	73.4	73.4	73.5	73.5	73.5	73.7	73.7	74.0	74.0
≥ 7000	.9	49.2	62.4	69.1	72.5	72.8	74.0	74.0	74.0	74.1	74.1	74.1	74.3	74.3	74.5	74.5
≥ 6000	.9	49.2	62.4	69.1	72.5	72.8	74.0	74.0	74.0	74.1	74.1	74.1	74.3	74.3	74.5	74.5
≥ 5000	.9	49.9	63.3	70.4	73.8	74.1	75.2	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.8	75.8
≥ 4500	.9	50.8	64.2	71.3	74.7	75.0	76.1	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.7	76.7
≥ 4000	.9	51.6	65.1	72.5	76.0	76.2	77.4	77.4	77.4	77.5	77.5	77.5	77.7	77.7	78.0	78.0
≥ 3500	.9	53.1	66.9	74.4	77.8	78.1	79.2	79.2	79.2	79.4	79.4	79.4	79.5	79.5	79.8	79.8
≥ 3000	.9	55.0	69.6	78.2	81.9	82.2	83.4	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.9	83.9
≥ 2500	.9	55.5	70.0	78.7	82.4	82.6	83.8	83.8	83.8	83.9	83.9	83.9	84.1	84.1	84.4	84.4
≥ 2000	.9	57.3	72.5	81.9	85.6	85.9	87.1	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.6	87.6
≥ 1800	.9	57.3	72.5	82.1	85.8	86.1	87.2	87.2	87.2	87.3	87.3	87.3	87.5	87.5	87.8	87.8
≥ 1500	.9	57.9	73.5	83.9	88.1	88.3	89.5	89.5	89.5	89.6	89.6	89.6	89.8	89.8	90.0	90.0
≥ 1200	.9	58.0	73.8	84.2	88.6	89.0	90.2	90.2	90.2	90.3	90.3	90.3	90.5	90.5	90.8	90.8
≥ 1000	1.0	59.3	75.8	87.5	91.9	92.3	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	94.0	94.0
≥ 900	1.0	59.5	76.0	87.6	92.5	92.9	94.2	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.7	94.7
≥ 800	1.0	59.5	76.0	87.9	93.3	93.7	95.2	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.7	95.7
≥ 700	1.0	59.5	76.2	88.3	94.2	94.6	96.2	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.7	96.7
≥ 600	1.0	59.6	76.7	89.2	95.2	95.6	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.7	97.7
≥ 500	1.1	59.7	76.8	89.6	95.7	96.4	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.3	99.3
≥ 400	1.1	59.7	76.8	89.6	96.0	96.7	99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.7	99.7
≥ 300	1.1	59.7	76.8	89.6	96.0	96.7	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.9	99.9
≥ 200	1.1	59.7	76.8	89.6	96.0	96.7	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.9	99.9
≥ 100	1.1	59.7	76.8	89.6	96.0	96.7	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 0	1.1	59.7	76.8	89.6	96.0	96.7	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 705

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	1.0	31.6	37.6	45.9	47.4	48.6	49.9	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.5
≥ 20000	1.0	34.0	41.3	48.3	52.3	53.8	55.3	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8
≥ 18000	1.0	34.0	41.3	48.3	52.3	53.8	55.3	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8
≥ 16000	1.0	34.0	41.3	48.3	52.3	53.8	55.3	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8
≥ 14000	1.0	34.0	41.3	48.3	52.3	53.8	55.4	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	56.0
≥ 12000	1.0	34.6	42.0	49.1	53.3	54.8	56.4	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	57.0
≥ 10000	1.1	37.9	47.3	55.1	59.7	61.3	63.2	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 9000	1.1	38.2	47.6	55.6	60.3	61.8	64.0	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 8000	1.3	43.7	54.1	63.0	68.4	69.9	72.1	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
≥ 7000	1.3	44.7	55.1	64.0	69.7	71.2	73.4	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 6000	1.3	45.0	55.7	64.7	70.4	72.1	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.8
≥ 5000	1.3	46.3	57.0	66.2	72.2	73.9	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 4500	1.3	47.6	58.4	67.9	73.9	75.6	77.8	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 4000	1.3	48.7	60.0	69.8	75.8	77.6	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3
≥ 3500	1.3	49.3	61.1	71.1	77.4	79.2	81.3	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.9
≥ 3000	1.4	49.9	62.0	72.8	79.6	81.5	84.0	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥ 2500	1.4	50.3	62.5	73.5	80.9	82.8	85.3	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 2000	1.4	51.6	64.0	75.4	82.9	84.8	87.3	87.6	87.6	87.7	87.9	87.9	87.9	87.9	87.9	88.0
≥ 1800	1.4	51.6	64.0	75.4	83.0	84.9	87.5	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.2
≥ 1500	1.4	52.7	65.7	77.2	85.0	86.9	89.6	89.9	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.3
≥ 1200	1.4	53.1	66.1	77.6	85.6	87.5	90.2	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.9
≥ 1000	1.4	53.8	67.4	79.5	87.6	89.6	92.5	92.7	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.2
≥ 900	1.4	54.4	68.1	80.2	88.5	90.5	93.3	93.6	93.6	93.7	93.9	93.9	93.9	93.9	93.9	94.0
≥ 800	1.4	54.8	68.7	81.2	89.5	91.5	94.3	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	95.0
≥ 700	1.4	54.8	68.9	82.1	90.3	92.6	95.6	95.9	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.3
≥ 600	1.4	55.1	69.2	82.3	91.2	93.4	96.4	96.7	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.4
≥ 500	1.6	55.4	69.5	82.8	91.6	94.2	97.4	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.6
≥ 400	1.6	55.4	69.5	82.8	91.6	94.3	97.6	97.9	97.9	98.4	98.7	98.7	98.7	98.7	98.7	98.9
≥ 300	1.6	55.4	69.5	82.8	91.6	94.3	97.6	98.1	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.4
≥ 200	1.6	55.4	69.5	82.9	91.7	94.4	97.9	98.4	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100	1.6	55.4	69.5	82.9	91.7	94.4	97.9	98.4	98.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	1.6	55.4	69.5	82.9	91.7	94.4	97.9	98.4	98.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 702

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.7	41.5	47.0	49.4	51.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	1.9	47.0	53.7	56.3	58.5	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 18000	1.9	47.2	53.8	56.4	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	1.9	47.2	53.8	56.4	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	1.9	47.3	54.0	56.6	58.8	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 12000	1.9	47.9	54.8	57.7	60.0	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	2.1	51.6	59.7	62.5	65.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	2.1	51.9	60.0	63.2	66.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	2.1	56.1	65.0	68.2	71.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	2.1	56.4	65.2	68.5	72.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	2.1	56.8	65.5	69.1	72.9	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	2.1	57.3	66.7	70.2	74.1	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	2.1	59.1	68.5	72.1	75.9	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	2.1	60.4	70.2	73.9	78.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3500	2.1	61.3	71.4	75.2	79.5	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	2.1	63.8	74.4	78.8	83.3	84.9	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	2.1	64.1	74.8	79.6	84.5	86.0	86.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	2.1	64.8	75.9	81.2	86.2	87.9	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	2.1	65.0	76.1	81.3	86.3	88.0	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	2.1	67.0	78.2	83.6	88.7	90.7	91.2	91.5	91.5	92.0	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	2.1	67.4	78.9	84.8	90.0	92.0	92.5	92.7	92.7	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	2.1	67.7	79.8	86.2	91.9	93.9	94.4	94.7	94.7	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	2.1	67.9	80.1	86.9	92.6	94.6	95.2	95.4	95.4	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	2.1	68.2	80.5	87.6	93.9	96.0	96.7	97.0	97.0	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	2.1	68.2	80.5	87.9	94.3	96.4	97.2	97.4	97.4	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	2.1	68.2	80.5	88.2	94.6	96.7	97.6	98.0	98.0	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	2.1	68.2	80.5	88.3	95.0	97.2	98.0	98.6	98.6	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	2.1	68.2	80.5	88.3	95.0	97.2	98.0	98.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	2.1	68.2	80.5	88.3	95.0	97.2	98.0	98.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	2.1	68.2	80.5	88.3	95.2	97.3	98.1	98.9	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	2.1	68.2	80.5	88.3	95.2	97.3	98.1	98.9	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	2.1	68.2	80.5	88.3	95.2	97.3	98.1	98.9	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 702

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

72[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	1.7	43.2	44.9	47.5	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	2.1	47.4	53.2	56.4	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	2.1	47.5	53.3	56.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	2.1	47.5	53.3	56.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	2.1	47.5	53.3	56.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	2.1	48.5	54.9	58.1	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	2.1	52.2	59.9	63.5	66.4	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	2.1	52.9	60.8	64.5	67.4	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	2.1	57.7	66.6	70.2	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	2.1	58.1	67.0	70.8	74.0	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	2.1	58.7	67.7	71.8	75.0	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	2.1	59.7	68.7	72.8	76.0	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500	2.1	60.8	69.8	73.9	77.2	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	2.1	62.8	72.1	76.2	79.5	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	2.1	63.2	72.5	76.7	80.1	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	2.1	67.1	77.6	82.7	86.6	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	2.1	68.4	79.3	84.9	89.3	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	2.1	69.4	80.5	86.6	91.1	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	2.1	69.5	80.7	87.0	91.5	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	2.3	71.1	82.4	89.1	93.8	93.9	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	2.3	71.4	82.8	89.6	94.2	94.4	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	2.3	71.4	82.9	90.3	94.9	95.1	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	2.3	71.5	83.2	90.6	95.2	95.5	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	2.3	71.5	83.5	91.1	95.9	96.2	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	2.3	71.5	83.6	91.7	96.8	97.2	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	2.3	71.5	83.6	91.7	96.8	97.3	98.3	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500	2.3	71.5	83.6	91.7	96.8	97.3	98.6	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	2.3	71.5	83.6	91.7	96.8	97.3	98.6	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	2.3	71.5	83.6	91.7	96.8	97.3	98.6	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	2.3	71.5	83.6	91.7	96.8	97.3	98.6	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	2.3	71.5	83.6	91.7	96.8	97.3	98.6	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	2.3	71.5	83.6	91.7	96.8	97.3	98.6	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 709

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

724 140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.1	37.7	44.7	48.1	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	2.0	45.9	54.4	58.6	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	2.0	45.9	54.4	58.6	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	2.0	45.9	54.4	58.6	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	2.0	46.1	54.5	58.8	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	2.0	46.4	55.3	59.6	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	2.1	50.6	59.9	64.5	67.0	67.0	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	2.1	50.6	60.1	64.8	67.3	67.3	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	2.3	55.3	65.6	70.9	73.9	73.9	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 7000	2.3	55.9	66.6	71.9	74.9	74.9	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	2.3	56.1	67.8	73.0	76.0	76.0	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	2.4	57.6	69.5	74.8	77.7	77.7	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	2.4	58.6	70.5	75.7	78.7	78.7	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	2.4	60.8	73.0	78.5	81.6	81.6	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	2.4	61.2	73.9	79.5	82.6	82.6	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	2.6	65.2	78.7	85.3	88.7	88.7	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	2.6	66.3	80.0	86.7	90.2	90.2	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	2.6	66.9	80.7	87.9	91.3	91.4	92.2	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	2.6	67.3	81.3	88.4	91.9	92.0	92.7	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	2.6	67.8	81.9	89.3	92.9	93.0	93.9	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	2.6	67.8	82.2	90.0	93.7	93.9	94.7	95.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	2.6	67.9	82.3	90.2	94.3	94.4	95.3	95.6	95.9	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 900	2.6	68.2	82.7	90.6	94.7	94.9	95.7	96.0	96.3	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 800	2.6	68.5	83.0	91.2	95.4	95.6	96.4	96.7	97.0	97.7	97.7	97.7	97.9	97.9	97.9	97.9
≥ 700	2.6	68.5	83.0	91.2	95.7	95.9	96.9	97.1	97.4	98.3	98.6	98.6	98.7	98.7	98.7	98.7
≥ 600	2.6	68.8	83.3	91.4	96.1	96.3	97.3	97.6	97.9	98.7	99.1	99.1	99.3	99.3	99.3	99.3
≥ 500	2.6	68.8	83.3	91.4	96.1	96.3	97.7	98.0	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0
≥ 400	2.6	68.8	83.3	91.4	96.1	96.3	97.7	98.0	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0
≥ 300	2.6	68.8	83.3	91.4	96.1	96.3	97.7	98.0	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	2.6	68.8	83.3	91.4	96.1	96.3	97.7	98.0	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	2.6	68.8	83.3	91.4	96.1	96.3	97.7	98.0	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	2.6	68.8	83.3	91.4	96.1	96.3	97.7	98.0	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 701

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.6	38.8	43.9	47.7	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	.6	44.2	51.1	56.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000	.6	44.2	51.1	56.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 16000	.6	44.2	51.1	56.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000	.6	44.8	51.7	57.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	.6	45.3	52.3	57.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	.6	50.4	58.6	64.5	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 9000	.6	50.7	59.3	65.3	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	.8	54.7	64.4	71.5	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000	.8	55.2	65.3	72.3	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	1.0	55.8	65.8	72.9	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	1.0	56.2	66.4	73.6	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	1.0	56.6	66.8	74.3	77.7	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	1.1	58.3	68.8	76.4	79.8	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	1.1	58.9	69.6	77.4	80.9	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	1.1	62.3	74.4	82.8	87.0	87.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	1.1	63.4	75.7	84.3	88.8	89.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	1.1	63.8	76.1	84.9	89.8	90.0	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	1.1	63.8	76.3	85.0	90.1	90.3	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	1.1	64.5	78.0	86.9	92.2	92.5	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	1.1	64.8	78.4	87.7	93.1	93.4	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	1.1	65.3	79.2	88.7	94.2	94.6	96.2	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	1.1	65.3	79.2	88.7	94.2	94.8	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	1.1	65.4	79.4	89.0	94.8	95.3	96.9	96.9	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	1.1	65.5	79.5	89.3	95.2	95.8	97.6	97.6	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	1.1	65.5	79.5	89.5	95.6	96.2	98.0	98.0	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	1.1	65.5	79.5	89.5	95.6	96.2	98.3	98.4	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	1.1	65.5	79.5	89.5	95.8	96.5	98.9	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	1.1	65.5	79.5	89.5	95.8	96.5	98.9	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.9	99.9
≥ 200	1.1	65.5	79.5	89.5	95.8	96.5	98.9	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.9	100.0
≥ 100	1.1	65.5	79.5	89.5	95.8	96.5	98.9	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.9	100.0
≥ 0	1.1	65.5	79.5	89.5	95.8	96.5	98.9	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 708

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2500 (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	.6	43.5	49.6	53.1	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.1
≥ 20000	.6	48.2	56.3	60.6	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3
≥ 18000	.6	48.2	56.3	60.6	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3
≥ 16000	.6	48.4	56.5	60.8	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.5	64.5	64.5	64.5
≥ 14000	.6	48.5	56.8	61.1	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.8	64.8	64.8	64.8
≥ 12000	.6	48.8	57.2	61.6	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3
≥ 10000	.6	51.4	60.9	65.8	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.6	69.6	69.6	69.6
≥ 9000	.6	52.1	62.1	66.9	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.8	70.8	70.8	70.8
≥ 8000	.6	55.5	66.6	71.9	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0
≥ 7000	.6	56.2	67.3	72.9	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0
≥ 6000	.6	56.3	67.5	73.0	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.2	77.2	77.2	77.2
≥ 5000	.6	56.6	68.0	74.0	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.2	78.2	78.2	78.2
≥ 4500	.6	57.2	68.6	74.8	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.9	78.9	78.9	78.9
≥ 4000	.6	58.2	69.9	76.0	79.9	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3
≥ 3500	.6	59.5	71.5	77.6	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ 3000	.6	62.1	75.5	82.0	86.2	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 2500	.6	62.6	76.0	82.7	87.0	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6
≥ 2000	.7	63.1	76.9	83.6	88.2	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.9	88.9	88.9	88.9
≥ 1800	.7	63.2	77.0	83.7	88.3	88.6	88.7	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 1500	.7	63.3	77.9	85.0	89.9	90.3	90.4	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 1200	.7	63.5	78.5	85.9	91.0	91.6	91.7	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 1000	.7	64.1	80.6	88.5	93.6	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6
≥ 900	.7	64.5	81.0	88.9	94.3	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 800	.7	64.6	81.2	89.0	95.1	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 700	.7	64.6	81.2	89.3	95.7	96.6	96.7	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 600	.9	64.9	81.5	89.9	96.6	97.4	97.7	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 500	1.0	65.0	81.6	90.4	97.1	98.0	99.1	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6
≥ 400	1.0	65.0	81.6	90.4	97.3	98.1	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 300	1.0	65.0	81.6	90.4	97.3	98.1	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 200	1.0	65.0	81.6	90.4	97.3	98.1	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 100	1.0	65.0	81.6	90.6	97.4	98.3	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
0	1.0	65.0	81.6	90.6	97.4	98.3	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 701

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	1.1	38.7	45.5	49.3	51.8	52.1	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6
≥ 20000	1.2	43.7	51.8	56.2	59.2	59.5	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 18000	1.2	43.7	51.8	56.3	59.2	59.5	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1
≥ 16000	1.2	43.8	51.9	56.3	59.2	59.6	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000	1.2	43.9	52.0	56.5	59.4	59.8	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.4	60.4
≥ 12000	1.2	44.4	52.7	57.3	60.2	60.6	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 10000	1.3	48.4	58.0	63.1	66.3	66.8	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5
≥ 9000	1.3	48.8	58.5	63.8	67.1	67.5	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3
≥ 8000	1.3	53.3	63.9	69.5	73.2	73.6	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	1.3	53.9	64.6	70.3	74.0	74.4	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3
≥ 6000	1.4	54.1	65.0	70.8	74.6	75.0	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9
≥ 5000	1.4	55.0	66.0	72.1	75.9	76.3	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 4500	1.4	56.0	67.0	73.2	77.0	77.4	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3
≥ 4000	1.4	57.3	68.6	74.9	78.8	79.3	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 3500	1.4	58.0	69.6	76.0	80.0	80.5	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4
≥ 3000	1.4	60.7	73.3	80.5	84.8	85.4	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 2500	1.4	61.5	74.2	81.6	86.1	86.7	87.6	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 2000	1.5	62.3	75.4	83.2	87.9	88.5	89.4	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 1800	1.5	62.4	75.5	83.4	88.1	88.7	89.6	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0
≥ 1500	1.5	63.3	76.9	85.2	90.1	90.8	91.8	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.3	92.3
≥ 1200	1.5	63.7	77.5	86.0	91.0	91.8	92.8	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.3	93.3
≥ 1000	1.5	64.2	78.6	87.6	92.9	93.6	94.7	94.8	94.8	95.1	95.2	95.2	95.2	95.2	95.3	95.3
≥ 900	1.5	64.5	78.9	88.0	93.4	94.2	95.3	95.4	95.4	95.7	95.8	95.8	95.8	95.8	95.9	95.9
≥ 800	1.5	64.6	79.1	88.5	94.2	95.1	96.2	96.3	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.8
≥ 700	1.5	64.7	79.2	88.9	94.8	95.7	96.9	97.0	97.1	97.4	97.5	97.5	97.5	97.5	97.6	97.6
≥ 600	1.6	64.8	79.4	89.2	95.3	96.3	97.6	97.7	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4
≥ 500	1.6	64.9	79.5	89.4	95.5	96.6	98.3	98.5	98.6	99.0	99.2	99.2	99.3	99.3	99.4	99.4
≥ 400	1.7	64.9	79.5	89.5	95.7	96.8	98.6	98.8	98.8	99.3	99.5	99.5	99.6	99.6	99.7	99.7
≥ 300	1.7	64.9	79.5	89.5	95.7	96.8	98.6	98.9	98.9	99.5	99.6	99.6	99.8	99.8	99.8	99.9
≥ 200	1.7	64.9	79.5	89.5	95.7	96.8	98.7	99.0	99.0	99.5	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	1.7	64.9	79.5	89.5	95.8	96.8	98.7	99.0	99.0	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	1.7	64.9	79.5	89.5	95.8	96.8	98.7	99.0	99.0	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5628

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.4	54.3	58.1	60.2	61.1	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1
≥ 20000	.4	56.2	60.2	62.2	63.2	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1
≥ 18000	.4	56.2	60.2	62.2	63.2	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1
≥ 16000	.4	56.2	60.2	62.2	63.2	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1
≥ 14000	.4	56.2	60.2	62.2	63.2	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1
≥ 12000	.4	56.9	60.9	62.9	63.9	64.1	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8
≥ 10000	.4	60.6	65.1	67.2	68.1	68.4	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1
≥ 9000	.4	60.6	65.1	67.2	68.1	68.4	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1
≥ 8000	.4	63.2	68.7	71.2	72.3	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2
≥ 7000	.4	64.5	69.9	72.4	73.5	73.8	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5
≥ 6000	.4	65.0	70.7	73.2	74.3	74.6	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3
≥ 5000	.4	66.6	72.4	75.1	76.2	76.5	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2
≥ 4500	.4	68.8	74.7	77.5	78.7	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.7	79.7	79.7
≥ 4000	.4	70.1	76.5	79.5	80.8	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 3500	.4	71.0	77.7	80.8	82.0	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.0
≥ 3000	.4	73.8	80.9	84.2	85.6	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5
≥ 2500	.4	74.2	82.3	85.7	87.2	87.5	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.2
≥ 2000	.4	74.6	83.1	87.0	88.5	88.7	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6
≥ 1800	.4	74.7	83.2	87.1	88.6	88.9	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7
≥ 1500	.4	75.1	84.1	88.0	90.0	90.2	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1
≥ 1200	.4	75.3	84.3	88.3	90.2	90.5	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
≥ 1000	.4	75.5	84.8	89.0	91.2	91.5	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3
≥ 900	.4	75.8	85.0	89.3	91.8	92.0	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9
≥ 800	.4	75.8	85.2	89.4	91.9	92.3	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3
≥ 700	.4	75.8	85.4	90.0	92.7	93.1	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 600	.4	75.8	85.4	90.1	93.0	94.0	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 500	.4	76.4	86.3	91.1	94.0	95.3	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 400	.4	76.6	86.8	91.8	94.8	96.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 300	.4	76.6	86.8	91.8	94.9	96.4	97.8	98.1	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.8
≥ 200	.4	76.8	87.0	91.9	95.1	96.6	98.1	98.4	98.4	98.5	98.8	98.8	98.8	99.0	99.2	99.5
≥ 100	.4	76.8	87.0	91.9	95.1	96.6	98.1	98.4	98.4	98.6	98.9	98.9	98.9	99.2	99.3	99.5
≥ 0	.4	76.8	87.0	91.9	95.1	96.6	98.1	98.4	98.4	98.6	98.9	98.9	98.9	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 728

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	.5	50.2	53.6	55.7	56.9	57.0	57.7	58.1	58.1	58.5	58.5	58.5	58.7	58.7	58.8	59.4
≥ 20000	.5	52.3	56.1	58.1	59.6	59.8	60.6	61.1	61.1	61.6	61.6	61.6	61.7	61.7	61.8	62.4
≥ 18000	.5	52.3	56.1	58.1	59.6	59.8	60.6	61.1	61.1	61.6	61.6	61.6	61.7	61.7	61.8	62.4
≥ 16000	.5	52.3	56.1	58.1	59.6	59.8	60.6	61.1	61.1	61.6	61.6	61.6	61.7	61.7	61.8	62.4
≥ 14000	.5	52.3	56.1	58.1	59.6	59.8	60.6	61.1	61.1	61.6	61.6	61.6	61.7	61.7	61.8	62.4
≥ 12000	.5	52.7	56.5	58.5	60.1	60.2	61.0	61.6	61.6	62.0	62.0	62.0	62.1	62.1	62.2	62.8
≥ 10000	.5	56.5	60.6	62.7	64.2	64.3	65.1	65.8	65.8	66.2	66.2	66.2	66.3	66.3	66.5	67.0
≥ 9000	.5	56.8	60.9	62.9	64.4	64.6	65.4	66.1	66.1	66.5	66.5	66.5	66.6	66.6	66.8	67.3
≥ 8000	.5	62.7	67.4	69.8	71.4	71.5	72.4	73.1	73.1	73.5	73.5	73.5	73.6	73.6	73.7	74.3
≥ 7000	.5	63.6	68.4	70.7	72.4	72.5	73.3	74.0	74.0	74.4	74.4	74.4	74.6	74.6	74.7	75.2
≥ 6000	.5	63.6	68.4	70.7	72.4	72.5	73.3	74.0	74.0	74.4	74.4	74.4	74.6	74.6	74.7	75.2
≥ 5000	.5	64.7	69.6	72.1	73.7	73.9	74.7	75.4	75.4	75.8	75.8	75.8	75.9	75.9	76.1	76.6
≥ 4500	.5	67.0	72.0	74.4	76.1	76.2	77.0	77.7	77.7	78.1	78.1	78.1	78.2	78.2	78.4	78.9
≥ 4000	.5	67.4	73.2	75.8	77.4	77.6	78.4	79.1	79.1	79.5	79.5	79.5	79.6	79.6	79.8	80.3
≥ 3500	.5	68.0	74.1	77.0	78.7	78.8	79.6	80.3	80.3	80.7	80.7	80.7	80.8	80.8	81.0	81.5
≥ 3000	.5	70.0	76.5	79.3	81.1	81.3	82.1	82.8	82.8	83.2	83.2	83.2	83.3	83.3	83.4	84.0
≥ 2500	.5	71.3	78.0	80.8	82.8	82.9	83.7	84.4	84.4	84.8	84.8	84.8	85.0	85.0	85.1	85.6
≥ 2000	.5	71.7	78.9	81.8	83.7	84.0	84.8	85.5	85.5	85.9	85.9	85.9	86.0	86.0	86.2	86.7
≥ 1800	.5	72.0	79.2	82.1	84.0	84.3	85.1	85.8	85.8	86.2	86.2	86.2	86.3	86.3	86.5	87.0
≥ 1500	.5	72.6	81.1	84.0	86.2	86.5	87.4	88.1	88.1	88.5	88.5	88.5	88.6	88.6	88.8	89.3
≥ 1200	.5	72.6	81.1	84.3	86.6	86.9	87.8	88.5	88.5	88.9	88.9	88.9	89.1	89.1	89.2	89.7
≥ 1000	.5	73.1	81.9	85.8	88.1	88.4	89.7	90.4	90.4	90.8	90.8	90.8	91.0	91.0	91.1	91.7
≥ 900	.5	73.1	81.9	85.9	88.2	88.5	90.0	90.7	90.7	91.1	91.1	91.1	91.2	91.2	91.4	91.9
≥ 800	.5	73.3	82.2	86.5	88.8	89.1	90.6	91.2	91.2	91.7	91.7	91.7	91.8	91.8	91.9	92.5
≥ 700	.5	73.3	82.2	86.5	88.9	89.3	91.4	92.1	92.1	92.5	92.5	92.5	92.6	92.6	92.7	93.3
≥ 600	.5	73.6	82.5	86.7	89.5	90.0	92.2	92.9	92.9	93.4	93.4	93.4	93.6	93.6	93.7	94.3
≥ 500	.5	73.6	82.6	86.9	89.9	90.4	92.9	93.7	93.7	94.3	94.3	94.3	94.4	94.4	94.5	95.1
≥ 400	.5	73.6	82.6	87.4	90.4	91.1	94.0	94.9	94.9	95.8	95.8	95.8	95.9	95.9	96.0	96.6
≥ 300	.5	73.6	82.6	87.4	90.6	91.2	94.1	95.1	95.1	96.2	96.4	96.4	96.9	96.9	97.0	97.7
≥ 200	.5	73.9	82.9	87.8	91.0	91.7	94.7	95.8	95.8	96.9	97.3	97.3	97.7	97.7	98.2	98.9
≥ 100	.5	73.9	82.9	87.8	91.0	91.7	94.7	95.8	95.8	96.9	97.4	97.4	97.8	97.8	98.4	99.5
≥ 0	.5	73.9	82.9	87.8	91.0	91.7	94.7	95.8	95.8	96.9	97.4	97.4	97.8	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 731

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.4	44.3	47.9	52.0	53.5	53.8	54.4	54.7	54.7	54.9	54.9	54.9	55.1	55.1	55.4	56.4
≥ 20000	.7	47.5	51.8	56.6	58.4	59.0	59.6	59.9	59.9	60.2	60.2	60.2	60.6	60.6	60.9	62.1
≥ 18000	.7	47.5	51.8	56.6	58.4	59.0	59.6	59.9	59.9	60.2	60.2	60.2	60.6	60.6	60.9	62.1
≥ 16000	.7	47.5	51.8	56.6	58.4	59.0	59.6	59.9	59.9	60.2	60.2	60.2	60.6	60.6	60.9	62.1
≥ 14000	.7	47.5	51.8	56.6	58.4	59.0	59.6	59.9	59.9	60.2	60.2	60.2	60.6	60.6	60.9	62.1
≥ 12000	.7	48.0	52.4	57.2	59.0	59.6	60.3	60.6	60.6	60.9	60.9	60.9	61.3	61.3	61.6	62.8
≥ 10000	1.1	51.3	56.4	61.1	63.1	63.7	64.6	65.0	65.0	65.3	65.3	65.3	65.7	65.7	65.9	67.2
≥ 9000	1.1	52.1	57.2	62.0	63.9	64.6	65.4	65.8	65.8	66.1	66.1	66.1	66.5	66.5	66.8	68.0
≥ 8000	1.4	56.2	61.7	67.0	69.2	69.9	70.7	71.1	71.1	71.4	71.4	71.4	71.8	71.8	72.1	73.3
≥ 7000	1.4	56.8	62.4	67.7	69.9	70.6	71.4	71.8	71.8	72.1	72.1	72.1	72.5	72.5	72.8	74.0
≥ 6000	1.4	57.0	62.7	68.0	70.2	70.9	71.7	72.1	72.1	72.4	72.4	72.4	72.8	72.8	73.1	74.3
≥ 5000	1.4	58.4	64.0	69.6	72.2	72.9	73.9	74.3	74.3	74.6	74.6	74.6	75.0	75.0	75.2	76.5
≥ 4500	1.4	59.2	64.8	70.7	73.3	74.0	75.0	75.5	75.5	75.8	75.8	75.8	76.2	76.2	76.5	77.7
≥ 4000	1.4	61.6	67.4	73.6	76.5	77.2	78.1	78.7	78.7	78.9	78.9	78.9	79.3	79.3	79.6	80.8
≥ 3500	1.5	62.5	68.8	75.2	78.2	78.9	79.9	80.4	80.4	80.7	80.7	80.7	81.1	81.1	81.4	82.6
≥ 3000	1.5	64.2	70.6	77.4	80.6	81.4	82.4	82.9	82.9	83.2	83.2	83.2	83.6	83.6	83.9	85.1
≥ 2500	1.5	64.7	71.3	78.5	82.2	83.0	84.0	84.5	84.5	84.8	84.8	84.8	85.2	85.2	85.5	86.7
≥ 2000	1.5	65.3	71.8	79.1	83.0	83.9	84.8	85.4	85.4	85.6	85.6	85.6	86.0	86.0	86.3	87.6
≥ 1800	1.5	65.3	71.8	79.1	83.0	83.9	84.8	85.4	85.4	85.6	85.6	85.6	86.0	86.0	86.3	87.6
≥ 1500	1.5	66.2	73.2	80.6	84.7	85.5	86.5	87.0	87.0	87.3	87.3	87.3	87.7	87.7	88.0	89.2
≥ 1200	1.5	66.4	73.4	81.7	85.9	86.7	87.7	88.2	88.2	88.5	88.5	88.5	88.9	88.9	89.2	90.4
≥ 1000	1.5	66.3	74.6	82.9	87.3	88.1	89.1	89.7	89.7	90.2	90.2	90.2	90.6	90.6	90.8	92.1
≥ 900	1.5	66.3	74.6	83.0	87.6	88.4	89.3	90.0	90.0	90.4	90.4	90.4	90.8	90.8	91.1	92.3
≥ 800	1.5	66.5	74.7	83.4	88.4	89.2	90.3	91.2	91.2	91.7	91.7	91.7	92.1	92.1	92.3	93.6
≥ 700	1.5	66.5	75.0	84.1	89.3	90.2	91.4	92.3	92.3	92.9	92.9	92.9	93.3	93.3	93.6	94.8
≥ 600	1.5	66.5	75.1	84.8	90.0	91.0	92.3	93.3	93.3	93.8	93.8	93.8	94.3	94.3	94.5	95.8
≥ 500	1.5	66.5	75.1	84.8	90.2	91.1	92.7	93.7	93.7	94.3	94.3	94.3	94.7	94.7	94.9	96.2
≥ 400	1.5	66.5	75.1	84.8	90.3	91.2	93.0	94.1	94.1	94.9	94.9	94.9	95.3	95.3	95.6	96.9
≥ 300	1.5	66.5	75.1	84.8	90.3	91.2	93.2	94.3	94.3	95.2	95.3	95.3	95.9	95.9	96.2	97.8
≥ 200	1.5	66.5	75.1	84.8	90.3	91.2	93.2	94.3	94.3	95.2	95.5	95.5	96.2	96.2	96.9	98.8
≥ 100	1.5	66.5	75.1	84.8	90.3	91.2	93.2	94.3	94.3	95.3	95.6	95.6	96.6	96.6	97.8	99.9
≥ 0	1.5	66.5	75.1	84.8	90.3	91.2	93.2	94.3	94.3	95.3	95.6	95.6	96.6	96.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 731

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥0
NO CEILING	1.5	50.4	53.0	54.2	54.8	54.9	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	2.2	55.9	59.2	60.7	61.2	61.3	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	2.2	55.9	59.2	60.7	61.2	61.3	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	2.2	55.9	59.2	60.7	61.2	61.3	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	2.2	55.9	59.3	60.8	61.3	61.5	61.7	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	2.5	56.6	60.2	61.7	62.3	62.4	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	2.6	59.2	63.0	64.6	65.2	65.3	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	2.6	59.6	63.4	65.0	65.6	65.7	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
≥ 8000	3.0	64.2	68.4	70.2	70.8	70.9	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	3.0	64.8	69.4	71.3	71.9	72.0	72.4	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	3.0	65.0	69.8	71.7	72.3	72.4	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	3.0	66.1	71.0	73.2	73.9	74.0	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4500	3.0	66.7	71.7	74.0	74.7	74.9	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	3.0	69.5	75.3	77.6	78.3	78.4	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	3.0	70.5	76.2	78.6	79.4	79.6	80.2	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3000	3.0	72.7	79.0	81.6	82.5	82.8	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	3.0	74.2	80.5	83.2	84.2	84.4	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	3.0	75.3	82.2	85.1	86.6	86.9	87.4	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	3.0	75.3	82.2	85.1	86.6	86.9	87.4	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	3.0	76.4	83.3	86.2	88.1	88.5	89.1	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	3.0	77.2	84.3	87.4	89.8	90.2	90.7	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	3.0	77.7	85.0	88.4	90.8	91.5	92.5	92.8	92.8	93.2	93.2	93.2	93.2	93.2	93.2
≥ 900	3.0	77.7	85.0	88.4	90.8	91.5	92.6	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	3.0	77.9	85.2	88.7	91.3	92.1	93.3	93.6	93.6	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	3.0	78.3	85.9	89.6	92.5	93.3	94.7	94.9	94.9	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	3.0	78.4	86.2	90.0	93.0	94.0	95.4	95.6	95.6	96.6	96.7	96.7	96.7	96.7	96.7
≥ 500	3.0	78.7	86.5	90.4	93.3	94.3	96.0	96.3	96.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 400	3.0	79.0	86.7	90.6	93.6	94.5	96.3	96.9	96.9	98.0	98.2	98.2	98.4	98.4	98.4
≥ 300	3.0	79.0	86.7	90.6	93.7	94.8	96.6	97.1	97.1	98.4	98.6	98.6	98.8	98.8	99.0
≥ 200	3.0	79.0	86.7	90.6	93.7	94.8	96.6	97.1	97.1	98.4	98.6	98.6	98.8	99.0	99.2
≥ 100	3.0	79.0	86.7	90.6	93.7	94.8	96.6	97.1	97.1	98.4	98.6	98.6	98.8	99.2	100.0
≥ 0	3.0	79.0	86.7	90.6	93.7	94.8	96.6	97.1	97.1	98.4	98.6	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 732

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1¼	≥1	≥⅝	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	1.0	49.3	51.4	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
≥ 20000	2.1	57.1	59.2	59.9	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 18000	2.2	57.3	59.3	60.0	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000	2.2	57.3	59.3	60.0	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000	2.2	57.8	59.9	60.6	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	2.3	58.4	60.4	61.1	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	2.5	61.1	63.3	64.1	64.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 9000	2.5	62.1	64.1	65.5	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	2.9	67.3	70.5	71.3	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	2.9	67.7	70.9	71.7	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	2.9	68.3	71.4	72.3	72.5	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	3.0	69.2	72.4	73.2	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4500	3.0	70.5	73.6	74.5	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	3.0	73.6	77.1	78.2	78.6	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	3.2	75.4	78.8	79.9	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	3.2	79.5	83.9	85.3	85.7	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	3.2	80.5	85.0	86.4	87.0	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	3.2	82.1	86.7	88.2	89.1	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	3.2	82.3	86.8	88.3	89.3	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	3.2	82.8	88.0	89.8	91.1	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	3.2	83.0	88.3	90.1	92.0	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	3.2	83.5	89.1	91.1	93.7	94.4	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	3.2	83.8	89.4	91.8	94.4	95.3	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	3.2	83.8	89.4	92.0	94.9	95.9	96.3	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	3.2	83.9	89.8	92.6	95.6	96.7	97.1	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	3.2	84.1	90.1	93.1	96.3	97.4	97.8	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	3.2	84.2	90.2	93.4	96.6	97.7	98.1	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	3.2	84.2	90.2	93.7	96.8	97.9	98.5	99.2	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7
≥ 300	3.2	84.2	90.2	93.7	96.8	97.9	98.6	99.3	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0
≥ 200	3.2	84.2	90.2	93.7	96.8	97.9	98.6	99.3	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0
≥ 100	3.2	84.2	90.2	93.7	96.8	97.9	98.6	99.3	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0
0	3.2	84.2	90.2	93.7	96.8	97.9	98.6	99.3	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 728

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

724940 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.2	48.3	50.9	51.8	52.3	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	1.8	54.4	57.3	58.4	58.8	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000	1.8	54.4	57.3	58.4	58.8	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 16000	1.8	54.4	57.3	58.4	58.8	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000	1.8	55.0	57.8	58.9	59.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	1.8	55.9	58.8	59.9	60.3	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000	2.3	61.1	64.0	65.1	65.6	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	2.3	62.1	64.9	66.0	66.6	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	2.5	67.7	71.4	72.7	73.8	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	2.5	68.6	72.4	73.9	75.0	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	2.5	69.4	73.3	74.8	75.9	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	2.7	71.1	75.0	76.7	77.8	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	2.7	72.0	76.3	78.0	79.3	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	2.7	74.5	79.0	81.0	82.4	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	2.7	75.9	80.4	82.5	84.0	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	2.7	79.3	84.0	86.6	88.1	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	2.7	80.6	85.7	88.4	90.2	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	2.7	81.7	86.8	89.8	92.0	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	2.7	82.0	87.0	90.0	92.2	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	2.7	82.4	87.9	91.0	93.3	94.1	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	2.7	82.8	88.4	91.5	93.9	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	2.7	83.2	88.9	92.2	94.5	95.4	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	2.7	83.4	89.2	92.5	95.2	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	2.7	83.4	89.2	93.0	95.9	97.0	97.4	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	2.7	83.4	89.2	93.5	96.5	97.5	98.1	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	2.7	83.6	89.5	93.9	96.9	98.0	98.5	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	2.7	83.9	89.8	94.1	97.1	98.2	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	2.7	83.9	89.9	94.3	97.3	98.4	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	2.7	83.9	89.9	94.3	97.3	98.4	98.9	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	2.7	83.9	89.9	94.3	97.3	98.4	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	2.7	83.9	89.9	94.3	97.3	98.4	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	2.7	83.9	89.9	94.3	97.3	98.4	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 733

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

724 940 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥⅝	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	.3	50.2	53.6	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	.3	56.8	60.4	61.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	.3	56.8	60.4	61.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 16000	.3	56.8	60.4	61.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	.3	56.8	60.4	61.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 12000	.3	57.2	61.1	62.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	.3	60.7	64.6	66.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	.3	61.3	65.7	67.3	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	.4	67.5	72.6	74.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	.4	69.2	74.1	76.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	.4	69.7	75.4	77.4	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	.4	70.2	76.1	78.1	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	.4	71.7	78.1	80.2	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	.4	74.4	81.0	83.4	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	.4	75.8	82.4	84.7	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	.4	77.7	84.7	88.7	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	.4	78.4	85.4	89.8	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	.4	79.2	86.5	91.3	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	.4	79.4	86.7	91.5	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	.4	79.6	87.5	92.3	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	.4	80.1	88.0	93.0	95.5	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	.4	80.2	88.4	93.8	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	.4	80.3	88.6	93.9	96.4	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	.4	80.5	88.7	94.5	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	.4	80.9	89.1	95.0	97.5	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	.4	81.0	89.3	95.2	97.7	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	.4	81.0	89.3	95.2	97.8	98.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	.4	81.0	89.3	95.2	97.8	98.2	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	.4	81.0	89.3	95.2	97.8	98.2	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	.4	81.0	89.3	95.2	97.8	98.2	98.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	.4	81.0	89.3	95.2	97.8	98.2	98.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	.4	81.0	89.3	95.2	97.8	98.2	98.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 727

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

724 NQU (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2500 (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	.7	54.9	58.8	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000	.7	58.5	62.6	64.7	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000	.7	58.5	62.6	64.7	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 16000	.7	58.5	62.6	64.7	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 14000	.7	58.5	62.6	64.7	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	.7	59.2	63.3	65.4	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	.7	63.6	68.0	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 9000	.7	63.9	68.4	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000	.8	67.9	73.0	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	.8	68.8	74.2	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	.8	69.8	75.2	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	.8	70.8	76.1	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	.8	72.1	78.2	81.2	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	.8	73.8	80.4	83.4	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	.8	74.1	80.8	83.9	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	.8	76.7	84.6	88.1	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	.8	77.1	85.1	89.0	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	.8	78.3	86.8	90.8	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	.8	78.5	87.2	91.2	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	.8	78.6	88.1	92.3	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	.8	79.2	88.7	93.0	93.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	.8	79.3	89.7	94.2	95.	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	.8	79.6	90.1	95.2	96.1	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	.8	79.7	90.2	95.3	96.3	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	.8	79.7	90.2	95.4	96.4	96.7	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	.8	79.7	90.2	95.4	96.4	96.7	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	.8	79.7	90.2	95.4	96.6	97.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	.8	79.7	90.2	95.4	96.7	97.4	98.6	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 300	.8	79.7	90.2	95.4	96.7	97.4	98.6	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.6	99.6
≥ 200	.8	79.9	90.3	95.6	96.8	97.5	98.8	99.2	99.2	99.3	99.3	99.3	99.7	99.7	99.9	99.9
≥ 100	.8	79.9	90.3	95.6	96.8	97.5	98.8	99.2	99.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0
≥ 0	.8	79.9	90.3	95.6	96.8	97.5	98.8	99.2	99.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 725

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	.7	50.2	53.4	55.2	55.9	56.0	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.6	56.6	56.8
≥ 20000	1.0	54.8	58.3	60.3	61.1	61.4	61.7	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.3
≥ 18000	1.1	54.8	58.4	60.3	61.1	61.4	61.7	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.3
≥ 16000	1.1	54.8	58.4	60.3	61.1	61.4	61.7	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.3
≥ 14000	1.1	55.0	58.5	60.5	61.3	61.5	61.9	62.0	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.5
≥ 12000	1.1	55.6	59.2	61.1	62.0	62.2	62.6	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	63.2
≥ 10000	1.3	59.2	63.1	65.1	66.0	66.3	66.6	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.1	67.3
≥ 9000	1.3	59.8	63.8	65.8	66.7	67.0	67.3	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	68.0
≥ 8000	1.5	64.6	69.2	71.6	72.6	72.9	73.3	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.7	73.9
≥ 7000	1.5	65.5	70.3	72.7	73.7	74.0	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.8	75.0
≥ 6000	1.5	66.0	70.8	73.3	74.3	74.6	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.6
≥ 5000	1.5	67.1	72.1	74.6	75.7	76.1	76.5	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.9	77.1
≥ 4500	1.5	68.5	73.7	76.3	77.5	77.8	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.8
≥ 4000	1.5	70.6	76.2	79.1	80.3	80.7	81.0	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.5	81.7
≥ 3500	1.6	71.6	77.4	80.3	81.7	82.0	82.4	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	83.1
≥ 3000	1.6	74.2	80.5	83.9	85.3	85.7	86.1	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.6	86.8
≥ 2500	1.6	75.1	81.6	85.2	86.8	87.2	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.3
≥ 2000	1.6	76.0	82.5	86.6	88.5	89.0	89.5	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.2
≥ 1800	1.6	76.2	83.0	86.8	88.7	89.2	89.7	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.4
≥ 1500	1.6	76.7	84.1	88.0	90.1	90.6	91.2	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.9
≥ 1200	1.6	77.0	84.6	88.7	91.0	91.4	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.7
≥ 1000	1.6	77.4	85.3	89.7	92.1	92.6	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.9	93.9	94.1
≥ 900	1.6	77.5	85.5	90.0	92.6	93.1	93.8	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.7
≥ 800	1.6	77.6	85.6	90.4	93.0	93.7	94.5	94.8	94.8	95.0	95.1	95.1	95.1	95.2	95.4	
≥ 700	1.6	77.7	85.9	90.8	93.7	94.3	95.3	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.1	96.3
≥ 600	1.6	77.8	86.0	91.2	94.1	94.9	95.8	96.2	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.9
≥ 500	1.6	78.0	86.2	91.4	94.4	95.3	96.4	96.8	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.5
≥ 400	1.6	78.1	86.4	91.6	94.7	95.6	96.9	97.5	97.5	97.9	98.0	98.0	98.1	98.1	98.2	98.4
≥ 300	1.6	78.1	86.4	91.6	94.8	95.7	97.1	97.7	97.7	98.2	98.4	98.4	98.6	98.6	98.7	99.0
≥ 200	1.6	78.1	86.4	91.7	94.8	95.8	97.2	97.8	97.8	98.4	98.6	98.6	98.9	98.9	99.1	99.5
≥ 100	1.6	78.1	86.4	91.7	94.8	95.8	97.2	97.8	97.8	98.5	98.6	98.7	99.0	99.0	99.3	99.9
≥ 0	1.6	78.1	86.4	91.7	94.8	95.8	97.2	97.8	97.8	98.5	98.6	98.7	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5835

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	1.1	56.3	58.2	59.4	60.6	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.9
≥ 20000	1.1	59.8	61.9	63.2	64.4	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.1	65.7
≥ 18000	1.1	59.9	62.0	63.3	64.6	64.6	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3	65.8
≥ 16000	1.1	59.9	62.0	63.3	64.6	64.6	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3	65.8
≥ 14000	1.1	59.9	62.0	63.3	64.6	64.6	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3	65.8
≥ 12000	1.1	60.1	62.2	63.4	64.7	64.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.4	66.0
≥ 10000	1.1	62.9	65.1	66.7	68.2	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.9	69.5
≥ 9000	1.1	62.9	65.1	66.7	68.2	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.9	69.5
≥ 8000	1.1	67.7	70.3	72.6	74.7	74.7	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5	76.1
≥ 7000	1.1	69.3	72.3	74.5	76.7	76.7	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.5	78.1
≥ 6000	1.1	70.0	73.0	75.2	77.4	77.4	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.2	78.8
≥ 5000	1.1	70.2	73.3	75.5	77.6	77.6	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.5	79.0
≥ 4500	1.1	71.3	74.4	76.9	79.0	79.0	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.9	80.5
≥ 4000	1.1	73.4	76.7	79.3	81.4	81.4	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.8
≥ 3500	1.1	75.0	78.2	80.9	83.0	83.0	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	84.4
≥ 3000	1.1	75.9	79.5	82.4	84.7	84.7	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.5	86.1
≥ 2500	1.1	76.4	80.2	83.1	85.4	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.2	86.8
≥ 2000	1.1	76.7	80.7	83.7	85.9	86.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.2	87.8
≥ 1800	1.1	76.9	81.2	84.1	86.4	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.6	88.2
≥ 1500	1.1	77.1	81.4	84.7	86.9	87.3	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.7
≥ 1200	1.1	77.9	82.6	85.8	88.0	88.5	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.9
≥ 1000	1.1	78.2	83.1	86.8	89.0	89.5	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.3	90.9
≥ 900	1.1	78.2	83.8	87.6	89.9	90.4	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.8
≥ 800	1.1	78.2	84.0	88.2	90.4	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8	92.4
≥ 700	1.1	78.5	84.2	88.9	91.3	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.5
≥ 600	1.1	78.6	84.5	89.2	91.8	92.8	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.0	94.5
≥ 500	1.1	78.8	85.1	89.9	92.7	93.7	94.1	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.9	95.5
≥ 400	1.1	78.8	85.4	90.4	93.5	94.9	95.8	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.8	97.3
≥ 300	1.1	78.8	85.4	90.4	94.0	95.4	96.2	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.5	98.0
≥ 200	1.1	78.8	85.4	90.4	94.0	95.4	96.5	97.6	97.6	97.7	98.2	98.2	98.5	98.5	98.9	99.7
≥ 100	1.1	78.8	85.4	90.4	94.0	95.4	96.5	97.6	97.6	97.7	98.2	98.2	98.7	98.7	99.2	100.0
≥ 0	1.1	78.8	85.4	90.4	94.0	95.4	96.5	97.6	97.6	97.7	98.2	98.2	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 711

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72[illegible]0 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0900 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.3	53.8	56.5	57.5	58.6	58.7	59.3	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.7	60.3
≥ 20000	1.3	57.9	60.6	61.5	62.7	62.8	63.4	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.8	64.4
≥ 18000	1.3	58.0	61.0	62.0	63.1	63.2	63.8	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.2	64.8
≥ 16000	1.3	58.0	61.0	62.0	63.1	63.2	63.8	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.2	64.8
≥ 14000	1.3	58.0	61.0	62.0	63.1	63.2	63.8	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.2	64.8
≥ 12000	1.3	58.3	61.4	62.4	63.5	63.7	64.2	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.6	65.2
≥ 10000	1.3	60.6	63.7	64.6	66.2	66.3	66.9	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.3	67.9
≥ 9000	1.3	60.7	63.9	64.9	66.5	66.6	67.2	67.3	67.3	67.3	67.3	67.3	67.5	67.5	67.6	68.2
≥ 8000	1.3	65.4	69.3	70.8	72.4	72.5	73.1	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.5	74.1
≥ 7000	1.3	66.2	70.6	72.1	73.7	73.8	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.8	75.4
≥ 6000	1.3	66.6	71.0	72.5	74.1	74.2	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.2	75.8
≥ 5000	1.3	67.2	71.5	73.1	74.6	74.8	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.8	76.3
≥ 4500	1.3	68.0	72.4	74.1	75.6	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.8	77.3
≥ 4000	1.3	70.0	74.4	76.6	78.5	78.7	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.7	80.3
≥ 3500	1.3	71.1	75.5	77.7	79.6	79.9	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.8	81.4
≥ 3000	1.3	72.3	76.9	79.3	81.1	81.4	82.1	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.5	83.1
≥ 2500	1.3	73.9	78.7	81.1	83.0	83.2	83.9	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.4	84.9
≥ 2000	1.3	74.3	79.4	82.4	84.4	84.6	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.8	86.3
≥ 1800	1.3	74.5	79.4	82.4	84.4	84.6	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.8	86.3
≥ 1500	1.3	74.5	79.4	82.4	84.4	84.6	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.8	86.3
≥ 1200	1.3	75.2	80.4	83.5	85.6	85.9	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.2	87.7
≥ 1000	1.3	75.9	82.1	85.5	87.6	87.9	88.7	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.2	89.7
≥ 900	1.3	76.2	82.4	85.9	88.0	88.3	89.4	89.6	89.6	89.7	89.7	89.7	89.9	89.9	90.0	90.6
≥ 800	1.3	76.2	82.7	86.5	88.7	89.0	90.1	90.3	90.3	90.4	90.4	90.4	90.6	90.6	90.7	91.3
≥ 700	1.3	76.2	82.7	87.0	89.3	89.6	90.7	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.3	91.8
≥ 600	1.3	76.2	83.0	87.6	90.0	90.6	91.7	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.5	93.1
≥ 500	1.3	76.2	83.2	88.2	91.3	92.0	93.2	93.7	93.7	93.8	93.8	93.8	93.9	93.9	94.1	94.6
≥ 400	1.3	76.6	83.8	89.2	92.7	93.4	94.9	95.9	95.9	96.3	96.3	96.3	96.5	96.5	96.6	97.2
≥ 300	1.3	76.6	83.8	89.2	92.7	93.4	94.9	96.2	96.2	96.8	96.8	96.8	96.9	96.9	97.0	97.6
≥ 200	1.3	76.6	83.8	89.2	92.7	93.4	95.1	96.3	96.3	96.9	97.3	97.3	97.6	97.6	98.0	98.7
≥ 100	1.3	76.6	83.8	89.2	92.7	93.4	95.1	96.3	96.3	96.9	97.3	97.3	97.9	97.9	98.3	99.3
≥ 0	1.3	76.6	83.8	89.2	92.7	93.4	95.1	96.3	96.3	96.9	97.3	97.3	97.9	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 710

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

724[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	3.1	48.8	52.2	54.0	55.2	55.2	55.9	56.2	56.3	56.7	56.7	56.7	56.7	56.7	57.3	57.6
≥ 20000	3.3	53.5	57.9	59.7	61.4	61.6	62.3	62.6	62.7	63.1	63.1	63.1	63.1	63.1	63.7	64.0
≥ 18000	3.3	53.5	57.9	59.7	61.4	61.6	62.3	62.6	62.7	63.1	63.1	63.1	63.1	63.1	63.7	64.0
≥ 16000	3.3	53.5	57.9	59.7	61.4	61.6	62.3	62.6	62.7	63.1	63.1	63.1	63.1	63.1	63.7	64.0
≥ 14000	3.3	53.5	57.9	59.7	61.4	61.6	62.3	62.6	62.7	63.1	63.1	63.1	63.1	63.1	63.7	64.0
≥ 12000	3.3	54.2	58.7	60.6	62.3	62.4	63.1	63.4	63.5	64.0	64.0	64.0	64.0	64.0	64.5	64.8
≥ 10000	3.3	56.9	62.0	64.1	66.0	66.1	66.8	67.1	67.2	67.7	67.7	67.7	67.7	67.7	68.2	68.5
≥ 9000	3.3	56.9	62.0	64.3	66.1	66.2	67.0	67.2	67.4	67.8	67.8	67.8	67.8	67.8	68.4	68.7
≥ 8000	3.3	62.0	67.2	70.4	72.2	72.5	73.2	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.6	74.9
≥ 7000	3.3	63.1	68.7	71.8	73.6	73.9	74.6	74.9	75.0	75.5	75.5	75.5	75.5	75.5	76.0	76.3
≥ 6000	3.3	63.5	69.1	72.2	74.0	74.3	75.0	75.3	75.5	75.9	75.9	75.9	75.9	75.9	76.5	76.7
≥ 5000	3.3	64.4	69.9	73.0	74.9	75.2	75.9	76.2	76.3	76.7	76.7	76.7	76.7	76.7	77.3	77.6
≥ 4500	3.3	65.4	70.9	74.2	76.0	76.3	77.0	77.3	77.4	77.9	77.9	77.9	77.9	77.9	78.4	78.7
≥ 4000	3.3	67.0	72.6	76.6	78.6	78.9	79.6	79.9	80.0	80.4	80.4	80.4	80.4	80.4	81.0	81.3
≥ 3500	3.3	67.2	72.9	76.9	78.9	79.1	79.9	80.1	80.3	80.7	80.7	80.7	80.7	80.7	81.3	81.6
≥ 3000	3.3	67.5	73.3	77.4	79.4	79.7	80.6	80.9	81.0	81.4	81.4	81.4	81.4	81.4	82.1	82.4
≥ 2500	3.3	68.2	74.2	78.6	81.1	81.4	82.3	82.6	82.7	83.1	83.1	83.1	83.1	83.1	83.8	84.1
≥ 2000	3.3	68.7	74.8	79.1	82.3	82.7	83.7	84.0	84.1	84.5	84.5	84.5	84.5	84.5	85.2	85.5
≥ 1800	3.3	68.8	74.9	79.3	82.4	82.8	84.0	84.3	84.4	84.8	84.8	84.8	84.8	84.8	85.5	85.8
≥ 1500	3.3	68.9	75.0	79.9	83.3	83.7	84.8	85.1	85.2	85.7	85.7	85.7	86.0	86.0	86.7	87.0
≥ 1200	3.3	69.2	75.7	81.0	84.4	84.8	86.0	86.2	86.4	86.8	86.8	86.8	87.1	87.1	87.8	88.1
≥ 1000	3.3	69.4	76.2	81.7	85.2	86.0	87.1	87.4	87.5	87.9	87.9	87.9	88.2	88.2	88.9	89.2
≥ 900	3.3	69.4	76.3	82.0	85.7	86.4	87.5	87.8	87.9	88.4	88.4	88.4	88.7	88.7	89.4	89.6
≥ 800	3.3	69.6	76.6	82.4	86.4	87.2	88.4	88.7	88.8	89.2	89.2	89.2	89.5	89.5	90.2	90.5
≥ 700	3.3	69.6	76.7	82.6	87.0	87.9	89.1	89.5	89.6	90.1	90.1	90.1	90.4	90.4	91.1	91.3
≥ 600	3.3	69.8	77.0	83.1	87.8	89.4	90.5	91.1	91.2	91.6	91.6	91.6	91.9	91.9	92.6	92.9
≥ 500	3.3	69.8	77.2	83.5	88.9	90.5	92.1	92.8	92.9	93.5	93.5	93.5	93.8	93.8	94.5	94.8
≥ 400	3.3	69.9	77.6	84.1	89.6	91.2	92.8	93.9	94.0	94.6	95.0	95.0	95.3	95.3	96.0	96.3
≥ 300	3.3	69.9	77.6	84.1	89.6	91.2	93.0	94.3	94.5	95.2	95.6	95.6	96.0	96.0	96.7	97.0
≥ 200	3.3	69.9	77.6	84.1	89.9	91.5	93.6	94.9	95.0	96.0	96.7	96.7	97.4	97.4	98.4	99.3
≥ 100	3.3	69.9	77.6	84.1	90.1	91.6	93.8	95.0	95.2	96.2	96.9	96.9	97.6	97.6	98.7	99.7
≥ 0	3.3	69.9	77.6	84.1	90.1	91.6	93.8	95.0	95.2	96.2	96.9	96.9	97.6	97.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 705

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72400 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 75-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥0	≥0
NO CEILING	3.8	49.0	51.7	53.5	53.8	53.8	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	4.7	54.1	57.1	59.2	59.8	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.6
≥ 18000	4.7	54.1	57.2	59.3	59.9	60.2	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.8
≥ 16000	4.7	54.1	57.2	59.3	59.9	60.2	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.8
≥ 14000	4.7	54.1	57.2	59.3	59.9	60.2	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.8
≥ 12000	4.7	54.5	57.6	59.8	60.3	60.6	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.2
≥ 10000	4.7	58.4	61.9	64.0	64.9	65.2	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	66.0
≥ 9000	4.8	58.8	62.3	64.4	65.3	65.6	65.9	66.3	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.4
≥ 8000	5.0	63.7	67.4	69.7	70.5	70.8	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.7
≥ 7000	5.0	65.7	69.7	72.2	73.1	73.4	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.2
≥ 6000	5.0	66.4	70.4	73.1	74.1	74.4	74.6	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.2
≥ 5000	5.0	67.3	71.4	74.1	75.4	75.6	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.5
≥ 4500	5.0	69.0	73.4	77.1	78.5	78.9	79.2	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.7
≥ 4000	5.0	70.0	74.4	78.5	79.9	80.5	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.3
≥ 3500	5.0	70.5	74.6	78.8	80.2	80.7	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.6
≥ 3000	5.0	71.5	76.3	81.0	82.7	83.3	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.4
≥ 2500	5.0	72.4	77.2	81.9	83.6	84.1	84.7	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.3
≥ 2000	5.0	73.4	78.3	83.1	84.8	85.7	86.4	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	87.0
≥ 1800	5.0	73.5	78.5	83.3	85.0	85.8	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	87.1
≥ 1500	5.0	74.1	79.2	84.1	85.8	86.7	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.1
≥ 1200	5.0	74.1	79.3	84.3	86.4	87.4	88.1	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.8
≥ 1000	5.0	74.2	79.6	84.8	87.0	88.0	88.7	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.5
≥ 900	5.0	74.2	79.7	85.3	87.7	88.7	89.5	89.8	89.8	89.9	90.1	90.1	90.2	90.2	90.2	90.5
≥ 800	5.0	74.2	79.7	85.7	88.1	89.2	90.4	90.7	90.7	90.8	90.9	90.9	91.1	91.1	91.1	91.4
≥ 700	5.0	74.2	79.7	85.7	88.5	89.8	90.9	91.5	91.5	91.6	91.8	91.8	91.9	91.9	91.9	92.2
≥ 600	5.0	74.4	80.0	86.3	89.4	90.8	92.1	92.8	92.8	93.1	93.2	93.2	93.3	93.3	93.3	93.6
≥ 500	5.0	74.4	80.2	86.5	89.9	91.5	93.1	93.9	94.1	94.8	94.9	94.9	95.0	95.0	95.0	95.3
≥ 400	5.0	74.6	80.5	87.1	90.5	92.6	94.3	95.8	95.9	96.7	96.9	96.9	97.3	97.3	97.3	97.6
≥ 300	5.0	74.6	80.5	87.1	90.5	92.9	94.8	96.2	96.3	97.5	97.6	97.6	98.3	98.3	98.6	99.2
≥ 200	5.0	74.6	80.5	87.1	90.5	92.9	94.8	96.3	96.5	97.6	98.2	98.2	98.9	98.9	99.3	99.9
≥ 100	5.0	74.6	80.5	87.1	90.5	92.9	94.8	96.3	96.5	97.6	98.2	98.2	98.9	98.9	99.3	99.9
≥ 0	5.0	74.6	80.5	87.1	90.5	92.9	94.8	96.3	96.5	97.6	98.2	98.2	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 706

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	4.5	47.7	49.8	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	5.0	54.9	57.3	58.0	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000	5.0	55.0	57.6	58.3	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000	5.0	55.0	57.6	58.3	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	5.0	55.0	57.6	58.3	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000	5.1	55.6	58.3	59.0	59.1	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	5.1	59.1	62.4	63.4	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 9000	5.1	59.4	62.8	63.8	64.8	64.8	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 8000	5.1	63.5	67.1	68.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	5.1	65.0	68.7	69.6	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	5.1	65.8	69.5	70.6	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 5000	5.1	67.0	70.6	71.9	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4500	5.1	67.8	71.8	73.3	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	5.1	70.9	75.3	77.0	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	5.4	72.6	77.4	79.6	81.8	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	5.4	75.9	81.0	83.5	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	5.4	76.3	81.4	84.0	86.2	86.2	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	5.4	77.2	82.4	85.1	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	5.4	77.2	82.6	85.2	87.8	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	5.4	77.7	83.7	87.0	89.5	89.5	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	5.4	77.7	83.7	87.5	90.2	90.2	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	5.4	77.9	83.8	87.8	90.6	90.8	91.1	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	5.4	77.9	84.0	88.1	90.9	91.1	91.3	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	5.4	77.9	84.3	88.5	91.5	91.6	92.1	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	5.4	77.9	84.4	88.7	91.6	91.8	92.5	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.3	93.3
≥ 600	5.4	77.9	84.4	88.9	92.1	92.2	93.2	93.8	93.8	94.0	94.5	94.5	94.5	94.5	94.6	94.9
≥ 500	5.4	77.9	84.5	89.2	92.9	93.5	95.2	95.9	95.9	96.3	97.0	97.0	97.0	97.0	97.2	97.4
≥ 400	5.4	77.9	84.5	89.2	93.0	93.6	95.9	97.2	97.2	98.2	98.9	98.9	98.9	98.9	99.0	99.3
≥ 300	5.4	77.9	84.5	89.2	93.0	93.6	95.9	97.2	97.2	98.2	99.0	99.0	99.0	99.0	99.4	99.9
≥ 200	5.4	77.9	84.5	89.2	93.0	93.6	95.9	97.3	97.3	98.3	99.1	99.1	99.1	99.1	99.6	100.0
≥ 100	5.4	77.9	84.5	89.2	93.0	93.6	95.9	97.3	97.3	98.3	99.1	99.1	99.1	99.1	99.6	100.0
≥ 0	5.4	77.9	84.5	89.2	93.0	93.6	95.9	97.3	97.3	98.3	99.1	99.1	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 705

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

724060 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	44.1	44.9	47.2	48.2	48.2	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	49.6	50.2	52.5	53.5	53.5	53.6	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	49.6	50.2	52.5	53.5	53.5	53.6	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	49.6	50.2	52.5	53.5	53.5	53.6	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	49.6	52.2	54.5	55.5	55.5	55.6	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	49.7	53.5	55.9	57.1	57.1	57.2	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 10000	49.7	58.6	61.2	62.3	63.2	63.3	63.6	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	49.7	58.9	61.5	62.6	63.5	63.6	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	49.7	64.3	67.9	69.5	70.3	70.5	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	49.7	65.6	69.5	71.0	72.2	72.3	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 6000	49.7	66.2	70.0	71.6	72.9	73.0	73.5	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	49.7	67.6	71.9	73.5	74.9	75.0	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	49.7	69.0	73.6	75.3	77.0	77.2	77.6	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4000	49.9	71.3	77.2	79.0	80.7	80.9	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	50.1	73.2	79.2	81.5	83.2	83.3	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	50.1	75.5	81.9	85.0	86.9	87.2	87.6	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	50.1	76.0	82.5	86.0	88.3	88.6	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	50.1	76.2	82.7	86.3	88.6	89.0	89.6	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	50.1	76.3	82.9	86.7	89.2	89.6	90.3	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	50.1	76.9	83.7	87.6	90.0	90.4	91.3	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	50.1	76.9	84.8	87.9	90.4	90.9	91.7	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	50.1	77.5	84.6	88.4	91.3	91.7	92.6	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900	50.1	77.5	84.6	88.6	91.4	91.9	92.7	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	50.1	77.6	84.9	89.2	92.2	92.6	93.4	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	50.1	77.8	84.9	89.4	92.7	93.2	94.2	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	50.1	77.7	85.0	89.6	92.9	93.7	94.9	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 500	50.1	77.9	85.2	89.7	93.4	94.3	95.6	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 400	50.1	77.9	85.3	89.9	93.6	94.4	95.9	96.7	96.9	97.7	97.9	97.9	98.0	98.0	98.1	98.1
≥ 300	50.1	77.9	85.4	90.0	93.7	94.6	96.1	97.1	97.3	98.1	98.3	98.3	98.4	98.4	98.6	98.7
≥ 200	50.1	77.9	85.4	90.0	93.7	94.6	96.1	97.1	97.3	98.1	98.6	98.6	98.9	98.9	99.3	99.6
≥ 100	50.1	77.9	85.4	90.0	93.7	94.6	96.1	97.1	97.3	98.1	98.6	98.6	98.9	98.9	99.3	100.0
≥ 0	50.1	77.9	85.4	90.0	93.7	94.6	96.1	97.1	97.3	98.1	98.6	98.6	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 701

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

724190 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	.4	48.7	50.3	51.7	52.5	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	.4	56.9	58.5	60.2	61.0	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 18000	.4	56.9	58.5	60.2	61.0	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 16000	.4	56.9	58.5	60.2	61.0	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 14000	.4	56.9	58.5	60.2	61.0	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	.4	57.5	59.1	60.8	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	.4	62.0	63.6	66.0	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 9000	.4	62.0	63.6	66.0	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	.4	66.3	68.3	71.5	72.9	72.9	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	.4	67.6	69.8	73.2	74.8	74.8	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	.4	67.6	69.8	73.2	74.8	74.8	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	.4	68.8	71.4	74.8	76.5	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	.4	70.3	72.9	76.3	78.5	78.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	.4	73.1	76.5	80.3	82.6	82.6	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	.4	73.7	77.2	81.2	83.4	83.4	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	.4	75.6	79.5	83.4	85.7	85.7	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	.4	75.9	79.6	83.9	86.1	86.1	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	.4	76.1	80.0	85.0	87.7	87.7	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	.4	76.1	80.2	85.1	87.8	87.8	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	.4	76.5	81.4	86.7	89.5	89.5	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	.4	76.8	82.0	87.4	90.4	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	.4	77.2	82.6	88.1	91.5	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	.4	77.2	82.9	88.5	92.2	92.2	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	.4	77.2	82.9	88.8	92.6	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	.4	77.2	83.0	89.0	92.9	93.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	.4	77.2	83.0	89.0	93.2	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	.4	77.2	83.0	89.1	93.8	94.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	.4	77.2	83.0	89.2	94.1	94.5	95.8	96.0	96.0	96.6	96.6	96.7	96.7	96.7	96.7	96.7
≥ 300	.4	77.2	83.0	89.4	94.8	95.3	96.7	97.0	97.0	97.7	98.0	98.2	98.3	98.3	98.3	98.4
≥ 200	.4	77.2	83.0	89.4	94.8	95.3	97.0	97.3	97.3	98.2	98.4	98.6	98.9	98.9	98.9	99.2
≥ 100	.4	77.2	83.0	89.4	94.8	95.3	97.0	97.3	97.3	98.2	98.4	98.6	99.0	99.0	99.0	99.7
0	.4	77.2	83.0	89.4	94.8	95.3	97.0	97.3	97.3	98.2	98.4	98.6	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 706

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.7	54.4	56.2	56.9	57.2	57.2	57.6	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.3
≥ 20000	.8	59.0	60.8	61.5	61.8	61.8	62.3	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	63.0
≥ 18000	.8	59.0	60.8	61.5	61.8	61.8	62.3	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	63.0
≥ 16000	.8	59.0	60.8	61.5	61.8	61.8	62.3	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	63.0
≥ 14000	.8	59.0	60.8	61.5	61.8	61.8	62.3	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	63.0
≥ 12000	.8	59.3	61.1	61.8	62.1	62.1	62.5	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 10000	.9	63.1	65.2	66.3	67.5	67.5	67.9	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.6
≥ 9000	.8	63.1	65.2	66.3	67.5	67.5	67.9	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.6
≥ 8000	1.0	67.7	69.9	71.5	72.8	73.0	73.4	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.2
≥ 7000	1.0	70.0	72.5	74.2	75.5	75.6	76.1	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 6000	1.0	70.7	73.2	74.9	76.2	76.3	76.8	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 5000	1.0	71.1	73.8	75.5	76.8	76.9	77.3	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.2
≥ 4500	1.0	72.1	74.8	76.5	77.7	77.9	78.3	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.2
≥ 4000	1.0	74.2	77.2	78.9	80.1	80.3	80.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7
≥ 3500	1.0	75.4	78.5	80.5	81.5	81.7	82.3	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 3000	1.0	76.9	80.4	82.3	83.5	83.7	84.2	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	85.1
≥ 2500	1.0	77.0	80.7	82.5	83.8	83.9	84.5	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.4
≥ 2000	1.0	77.6	81.5	83.4	84.6	84.8	85.4	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.2
≥ 1800	1.0	77.8	81.5	83.5	84.8	84.9	85.5	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.3
≥ 1500	1.0	77.8	82.0	84.1	85.5	85.8	86.3	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.2
≥ 1200	1.0	78.0	82.5	84.9	86.5	86.8	87.3	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.2
≥ 1000	1.0	78.3	83.0	86.1	87.7	88.2	89.0	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.9
≥ 900	1.0	78.3	83.5	86.6	88.6	89.2	90.0	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	91.0
≥ 800	1.0	78.5	83.7	86.9	89.0	89.6	90.4	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 700	1.0	78.5	84.1	87.3	89.9	90.4	91.3	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.3
≥ 600	1.0	78.5	84.1	87.3	90.1	91.0	91.8	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	93.0
≥ 500	1.0	78.6	84.5	87.7	90.8	92.0	93.1	93.9	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.5
≥ 400	1.0	78.6	84.5	88.0	91.5	93.2	94.5	95.5	95.5	95.8	95.9	95.9	95.9	95.9	95.9	96.1
≥ 300	1.0	78.6	84.5	88.0	91.8	93.7	95.5	96.5	96.5	96.8	96.9	96.9	96.9	96.9	96.9	97.2
≥ 200	1.0	78.6	84.5	88.0	92.3	94.1	96.1	97.5	97.5	98.2	98.6	98.6	98.6	98.7	99.0	99.3
≥ 100	1.0	78.6	84.5	88.0	92.3	94.1	96.1	97.6	97.6	98.3	99.0	99.0	99.2	99.3	99.7	100.0
≥ 0	1.0	78.6	84.5	88.0	92.3	94.1	96.1	97.6	97.6	98.3	99.0	99.0	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 710

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74400 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	2.4	50.5	52.8	53.9	54.6	54.6	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.5
≥ 20000	2.6	56.0	58.6	59.9	60.6	60.7	61.0	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.5	61.7
≥ 18000	2.6	56.1	58.7	60.0	60.7	60.8	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.8
≥ 16000	2.6	56.1	58.7	60.0	60.7	60.8	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.8
≥ 14000	2.6	56.1	58.7	60.0	60.7	60.8	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.8
≥ 12000	2.7	56.6	59.3	60.6	61.4	61.4	61.8	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.2	62.5
≥ 10000	2.7	60.2	63.1	64.7	66.0	66.0	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.9	67.1
≥ 9000	2.7	60.3	63.3	64.9	66.2	66.3	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.1	67.3
≥ 8000	2.7	65.1	68.4	70.5	71.9	72.0	72.5	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.9	73.2
≥ 7000	2.7	66.6	70.2	72.4	73.8	73.9	74.4	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.8	75.1
≥ 6000	2.7	67.1	70.8	72.9	74.4	74.5	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.5	75.7
≥ 5000	2.7	68.0	71.7	73.9	75.5	75.6	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.8
≥ 4500	2.7	69.1	73.0	75.5	77.2	77.3	77.8	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.2	78.5
≥ 4000	2.7	71.2	75.5	78.3	80.1	80.3	80.7	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.2	81.4
≥ 3500	2.8	72.3	76.7	79.6	81.4	81.6	82.1	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.6	82.8
≥ 3000	2.8	73.9	78.6	81.8	83.7	83.9	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.8	85.0	85.2
≥ 2500	2.8	74.5	79.3	82.6	84.7	84.9	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.9	86.2
≥ 2000	2.8	75.0	80.0	83.5	85.7	86.0	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.2	87.4
≥ 1800	2.8	75.1	80.1	83.7	86.0	86.3	86.9	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.4	87.7
≥ 1500	2.8	75.4	80.7	84.5	86.9	87.2	87.9	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.5	88.7
≥ 1200	2.8	75.7	81.3	85.3	87.7	88.1	88.8	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.4	89.6
≥ 1000	2.8	76.1	81.9	86.2	88.8	89.2	89.9	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.5	90.7
≥ 900	2.8	76.1	82.2	86.6	89.3	89.6	90.5	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.2	91.5
≥ 800	2.8	76.2	82.3	87.0	89.9	90.4	91.2	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.9	92.1
≥ 700	2.8	76.2	82.5	87.3	90.4	91.0	91.9	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.7	92.9
≥ 600	2.8	76.3	82.6	87.6	90.9	91.7	92.7	93.2	93.2	93.4	93.5	93.5	93.6	93.6	93.8	94.0
≥ 500	2.8	76.3	82.9	88.0	91.7	92.7	93.9	94.5	94.6	94.9	95.1	95.1	95.1	95.1	95.3	95.6
≥ 400	2.8	76.4	83.1	88.4	92.3	93.5	95.0	95.9	96.0	96.6	96.7	96.8	96.9	96.9	97.1	97.3
≥ 300	2.8	76.4	83.1	88.4	92.5	93.8	95.4	96.4	96.5	97.2	97.4	97.4	97.6	97.6	97.9	98.2
≥ 200	2.8	76.4	83.1	88.4	92.6	93.8	95.6	96.8	96.9	97.6	98.1	98.2	98.5	98.5	98.9	99.5
≥ 100	2.8	76.4	83.1	88.4	92.6	93.9	95.6	96.8	96.9	97.7	98.2	98.2	98.7	98.7	99.1	99.8
0	2.8	76.4	83.1	88.4	92.6	93.9	95.6	96.8	96.9	97.7	98.2	98.2	98.7	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 5654

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

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅝	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	54.1	52.1	52.9	53.5	53.8	53.8	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.4
≥ 20000	54.4	56.9	57.6	58.3	58.5	58.5	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.5
≥ 18000	54.4	56.9	57.6	58.3	58.5	58.5	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.5
≥ 16000	54.4	56.9	57.6	58.3	58.5	58.5	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.5
≥ 14000	54.4	57.0	57.7	58.4	58.7	58.7	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.6
≥ 12000	54.4	57.6	58.3	58.9	59.2	59.2	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.2
≥ 10000	54.4	61.8	63.0	63.8	64.1	64.1	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.1
≥ 9000	54.4	61.8	63.0	63.8	64.1	64.1	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.1
≥ 8000	54.4	66.0	67.3	68.1	68.8	68.8	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.7
≥ 7000	54.4	67.0	68.2	69.0	69.7	69.7	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.7
≥ 6000	54.4	67.5	68.8	69.6	70.3	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.2
≥ 5000	54.4	69.0	70.3	71.1	71.8	71.8	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.7
≥ 4500	54.4	71.6	72.9	73.8	74.5	74.5	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.4
≥ 4000	54.4	74.4	75.9	76.8	77.5	77.5	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.4
≥ 3500	54.4	75.4	77.4	78.3	79.1	79.1	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.2
≥ 3000	54.4	76.8	79.4	80.8	81.6	81.6	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.8
≥ 2500	54.4	78.9	81.4	83.1	83.9	83.9	84.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.1
≥ 2000	54.4	79.8	82.4	84.2	85.1	85.1	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.5
≥ 1800	54.4	80.1	82.7	84.4	85.4	85.4	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.8
≥ 1500	54.4	80.9	83.5	85.8	86.9	86.9	87.6	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.3	88.4
≥ 1200	54.4	81.3	84.0	86.4	87.6	87.6	88.3	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.9	89.1
≥ 1000	54.4	82.1	85.1	87.9	89.5	89.5	90.5	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.3
≥ 900	54.4	82.5	85.5	88.4	90.2	90.2	91.1	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.8	92.0
≥ 800	54.4	82.5	85.7	88.7	90.5	90.6	91.5	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.4
≥ 700	54.4	82.7	85.8	88.9	91.0	91.1	92.1	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.8	92.9
≥ 600	54.4	82.8	86.4	89.5	92.0	92.2	93.3	93.6	93.7	93.9	93.9	93.9	93.9	93.9	94.0	94.1
≥ 500	54.4	83.1	86.6	90.0	93.0	93.5	94.5	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.4
≥ 400	54.4	83.2	87.0	90.5	93.7	94.4	95.6	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.5
≥ 300	54.4	83.4	87.2	90.6	94.0	94.7	96.0	96.5	96.6	97.0	97.0	97.0	97.0	97.0	97.1	97.3
≥ 200	54.4	83.4	87.2	90.6	94.1	95.0	96.7	97.3	97.5	98.1	98.5	98.5	98.5	98.5	98.6	98.8
≥ 100	54.4	83.4	87.2	90.6	94.1	95.0	96.7	97.3	97.5	98.1	98.5	98.9	98.9	98.9	99.0	99.7
≥ 0	54.4	83.4	87.2	90.6	94.1	95.0	96.7	97.3	97.5	98.1	98.5	98.9	98.9	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 733

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥5/16	≥0
NO CEILING	.4	53.4	54.6	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.8	55.8	56.0	56.4
≥ 20000	.4	57.1	58.3	59.1	59.1	59.1	59.1	59.3	59.3	59.4	59.4	59.4	59.7	59.7	59.8	60.2
≥ 18000	.4	57.1	58.3	59.1	59.1	59.1	59.1	59.3	59.3	59.4	59.4	59.4	59.7	59.7	59.8	60.2
≥ 16000	.4	57.1	58.3	59.1	59.1	59.1	59.1	59.3	59.3	59.4	59.4	59.4	59.7	59.7	59.8	60.2
≥ 14000	.4	57.1	58.3	59.1	59.1	59.1	59.1	59.3	59.3	59.4	59.4	59.4	59.7	59.7	59.8	60.2
≥ 12000	.4	57.4	58.6	59.4	59.4	59.4	59.4	59.6	59.6	59.7	59.7	59.7	60.0	60.0	60.1	60.5
≥ 10000	.4	61.6	63.4	64.2	64.2	64.2	64.2	64.4	64.4	64.5	64.5	64.5	64.8	64.8	64.9	65.3
≥ 9000	.4	61.6	63.4	64.2	64.2	64.2	64.2	64.4	64.4	64.5	64.5	64.5	64.8	64.8	64.9	65.3
≥ 8000	.4	66.4	68.2	69.1	69.1	69.1	69.1	69.2	69.2	69.3	69.3	69.3	69.6	69.6	69.7	70.2
≥ 7000	.4	67.1	68.9	69.7	69.7	69.7	69.7	69.9	69.9	70.0	70.0	70.0	70.3	70.3	70.4	70.8
≥ 6000	.4	67.5	69.3	70.2	70.2	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.7	70.7	70.8	71.3
≥ 5000	.6	68.9	70.8	71.8	71.8	71.8	71.8	71.9	71.9	72.1	72.1	72.1	72.4	72.4	72.5	72.9
≥ 4500	.6	71.9	74.1	75.1	75.1	75.1	75.1	75.2	75.2	75.4	75.4	75.4	75.7	75.7	75.8	76.2
≥ 4000	.6	74.6	76.9	78.0	78.0	78.0	78.0	78.1	78.1	78.3	78.3	78.3	78.5	78.5	78.7	79.1
≥ 3500	.6	74.8	77.3	78.5	78.5	78.5	78.5	78.7	78.7	78.8	78.8	78.8	79.1	79.1	79.2	79.6
≥ 3000	.6	76.3	79.2	80.7	81.2	81.2	81.2	81.3	81.7	81.8	81.8	81.8	82.1	82.1	82.3	82.7
≥ 2500	.6	76.9	80.1	81.6	82.0	82.0	82.0	82.1	82.5	82.7	82.7	82.7	82.9	82.9	83.1	83.5
≥ 2000	.6	78.3	81.4	83.4	83.8	83.8	83.8	83.9	84.3	84.5	84.5	84.5	84.7	84.7	84.9	85.3
≥ 1800	.6	78.3	81.4	83.4	83.8	83.8	83.8	83.9	84.3	84.5	84.5	84.5	84.7	84.7	84.9	85.3
≥ 1500	.6	79.0	82.3	84.1	85.7	85.8	85.8	86.0	86.4	86.5	86.5	86.5	86.9	86.9	87.1	87.5
≥ 1200	.6	79.9	83.2	85.7	86.9	87.1	87.1	87.2	87.6	87.8	87.8	87.8	88.2	88.2	88.3	88.7
≥ 1000	.6	80.7	84.0	86.7	87.9	88.0	88.0	88.3	88.7	89.0	89.0	89.0	89.4	89.4	89.5	90.0
≥ 900	.6	81.4	84.9	87.5	88.7	88.9	89.0	89.3	89.7	90.0	90.0	90.0	90.4	90.4	90.5	90.9
≥ 800	.6	81.7	85.1	87.9	89.3	89.4	89.5	89.8	90.2	90.5	90.5	90.5	90.9	90.9	91.2	91.6
≥ 700	.6	81.7	85.3	88.2	89.8	90.1	90.4	90.6	91.1	91.3	91.3	91.3	91.7	91.7	92.0	92.4
≥ 600	.6	82.1	85.8	88.7	90.6	91.1	91.5	91.9	92.3	92.7	92.7	92.7	93.1	93.1	93.4	93.8
≥ 500	.6	82.7	86.5	89.4	91.6	92.3	92.7	93.1	93.5	93.9	93.9	93.9	94.4	94.4	94.8	95.2
≥ 400	.6	82.7	86.7	89.5	92.2	92.8	93.5	94.1	94.5	94.9	94.9	94.9	95.3	95.3	95.7	96.1
≥ 300	.6	82.7	86.7	89.8	93.3	93.9	94.6	95.2	95.6	96.0	96.0	96.0	96.6	96.6	97.0	97.4
≥ 200	.6	82.7	86.7	89.8	93.4	94.2	95.3	96.1	96.6	97.1	97.2	97.2	97.9	97.9	98.3	98.8
≥ 100	.6	82.7	86.7	89.8	93.4	94.2	95.3	96.3	96.7	97.2	97.7	97.8	98.5	98.5	98.9	99.4
≥ 0	.6	82.7	86.7	89.8	93.4	94.2	95.3	96.3	96.7	97.2	97.7	97.8	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72406 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	1.4	49.7	50.9	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5
≥ 20000	1.4	53.9	55.4	56.7	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 18000	1.4	53.9	55.4	56.7	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 16000	1.4	53.9	55.4	56.7	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 14000	1.4	53.9	55.4	56.7	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 12000	1.5	55.0	56.5	57.8	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
≥ 10000	1.5	59.8	61.6	63.0	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7
≥ 9000	1.5	60.1	61.9	63.3	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
≥ 8000	1.5	65.3	67.4	68.9	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 7000	1.5	65.4	68.0	69.5	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2
≥ 6000	1.5	66.7	68.8	70.3	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0
≥ 5000	1.5	68.2	70.4	72.1	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8
≥ 4500	1.5	70.3	73.0	75.2	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1
≥ 4000	1.5	72.9	75.9	78.1	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0
≥ 3500	1.5	73.5	76.9	79.1	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 3000	1.5	74.4	78.0	80.3	81.2	81.3	81.4	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.8	82.0
≥ 2500	1.5	75.4	79.1	81.6	82.4	82.5	82.7	82.7	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.4
≥ 2000	1.5	75.7	79.5	82.9	84.0	84.2	84.3	84.3	84.5	84.7	84.9	85.0	85.1	85.1	85.1	85.3
≥ 1800	1.5	75.8	79.8	83.2	84.3	84.5	84.6	84.6	84.7	85.0	85.1	85.3	85.4	85.4	85.4	85.6
≥ 1500	1.5	76.5	80.7	84.3	85.8	86.0	86.1	86.1	86.2	86.5	86.7	86.8	86.9	86.9	86.9	87.1
≥ 1200	1.5	77.2	81.7	85.6	87.2	87.5	87.8	87.8	87.9	88.2	88.3	88.4	88.6	88.6	88.6	88.7
≥ 1000	1.5	77.6	82.1	86.0	87.9	88.2	88.6	88.6	88.7	89.0	89.1	89.3	89.4	89.4	89.4	89.5
≥ 900	1.5	77.7	82.5	86.5	88.7	89.1	89.5	89.7	89.8	90.1	90.2	90.4	90.5	90.5	90.5	90.6
≥ 800	1.5	78.0	83.1	87.1	89.4	89.8	90.4	90.6	90.8	91.1	91.2	91.3	91.5	91.5	91.5	91.6
≥ 700	1.5	78.5	84.0	88.3	90.6	91.1	91.7	92.0	92.2	92.4	92.6	92.7	92.8	92.8	92.8	93.0
≥ 600	1.5	78.8	84.5	88.7	91.1	91.6	92.3	92.6	92.7	93.1	93.3	93.4	93.5	93.5	93.5	93.7
≥ 500	1.5	79.2	84.9	89.3	91.6	92.4	93.7	94.1	94.2	94.6	94.8	94.9	95.0	95.0	95.0	95.2
≥ 400	1.5	79.2	85.0	89.5	92.5	93.3	94.6	95.2	95.3	95.7	96.0	96.1	96.3	96.3	96.3	96.4
≥ 300	1.5	79.4	85.1	89.8	92.8	93.8	95.5	96.0	96.1	96.8	97.1	97.4	97.5	97.5	97.5	97.8
≥ 200	1.5	79.4	85.1	89.8	92.8	93.8	95.6	96.1	96.3	97.4	97.8	98.1	98.6	98.6	98.9	99.4
≥ 100	1.5	79.4	85.1	90.0	93.0	93.9	95.7	96.3	96.4	97.5	97.9	98.2	98.8	98.8	99.0	99.9
≥ 0	1.5	79.4	85.1	90.0	93.0	93.9	95.7	96.3	96.4	97.5	97.9	98.2	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 727

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	1.9	43.0	43.6	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000	2.3	51.9	53.0	53.8	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6
≥ 18000	2.3	51.9	53.0	53.8	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6
≥ 16000	2.3	51.9	53.0	53.8	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6
≥ 14000	2.3	52.3	53.4	54.2	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1
≥ 12000	2.5	55.6	54.6	55.5	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3
≥ 10000	2.7	58.1	59.5	60.2	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1
≥ 9000	2.7	58.6	59.8	60.8	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
≥ 8000	2.7	64.1	66.3	67.5	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 7000	2.7	65.0	67.2	68.6	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4
≥ 6000	2.7	66.3	69.0	70.5	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4
≥ 5000	2.7	68.3	71.3	73.1	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2
≥ 4500	2.7	70.6	73.8	76.0	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.2
≥ 4000	2.7	72.1	75.5	77.7	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2
≥ 3500	2.7	72.7	76.1	78.3	79.4	79.4	79.6	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9
≥ 3000	2.7	73.8	77.5	79.9	81.1	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 2500	2.7	74.2	78.3	81.0	82.4	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
≥ 2000	2.7	75.1	79.8	83.2	84.6	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 1800	2.7	75.1	79.9	83.5	84.8	85.0	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 1500	2.7	76.0	80.9	84.8	86.2	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9
≥ 1200	2.7	76.1	81.3	85.4	86.9	87.0	87.3	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 1000	2.7	76.8	82.2	86.6	88.3	88.4	89.2	89.3	89.3	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 900	2.7	77.0	82.8	87.3	89.1	89.2	90.3	90.6	90.6	90.8	91.3	91.3	91.4	91.4	91.4	91.4
≥ 800	2.7	77.3	83.2	88.1	90.3	90.4	91.5	91.9	91.9	92.2	92.6	92.6	92.8	92.8	92.8	92.8
≥ 700	2.7	77.6	83.5	88.7	90.8	91.3	92.5	92.9	92.9	93.2	93.6	93.6	93.7	93.7	93.7	93.7
≥ 600	2.7	77.7	83.6	88.9	91.3	91.7	92.9	93.3	93.3	93.6	94.1	94.1	94.3	94.3	94.3	94.3
≥ 500	2.7	77.7	83.6	88.9	91.3	91.8	93.3	93.7	93.7	94.0	94.8	94.8	94.9	94.9	94.9	94.9
≥ 400	2.7	77.7	83.6	89.3	91.7	92.8	94.4	95.4	95.4	95.8	96.7	96.7	96.9	96.9	97.0	97.0
≥ 300	2.7	77.7	83.6	89.3	92.1	93.2	94.9	95.9	95.9	96.3	97.3	97.3	97.4	97.5	97.8	98.2
≥ 200	2.7	77.7	83.6	89.3	92.1	93.2	95.1	96.0	96.0	96.9	98.0	98.0	98.6	98.8	99.0	99.6
≥ 100	2.7	77.7	83.6	89.3	92.1	93.2	95.1	96.0	96.0	96.9	98.0	98.0	98.6	98.8	99.0	100.0
≥ 0	2.7	77.7	83.6	89.3	92.1	93.2	95.1	96.0	96.0	96.9	98.0	98.0	98.6	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 732

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

...SCHAL CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724 40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (GMT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	2.9	46.4	46.7	47.0	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	2.9	54.9	55.2	55.5	55.6	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 18000	2.9	54.9	55.2	55.5	55.6	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	2.9	55.1	55.3	55.6	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	2.9	55.5	55.7	56.0	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 12000	2.9	57.0	57.2	57.5	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 10000	2.9	60.9	61.2	61.6	61.7	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 9000	2.9	61.1	62.0	62.4	62.6	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	2.9	65.7	66.9	67.8	67.9	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	2.9	66.4	67.9	68.7	68.9	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	2.9	66.9	68.9	69.7	69.8	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	2.9	69.1	71.3	72.3	72.5	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	2.9	70.5	73.2	74.3	74.7	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	2.9	72.4	75.3	76.4	76.9	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	2.9	73.6	76.5	77.6	78.3	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3000	2.9	75.5	79.1	80.3	81.3	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	2.9	76.9	80.6	82.5	83.6	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	2.9	77.9	82.0	84.2	85.7	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	2.9	77.9	82.0	84.2	85.7	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	2.9	78.7	83.2	85.8	87.4	87.8	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	2.9	79.0	84.0	87.0	88.8	89.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	2.9	79.6	85.2	88.5	91.0	91.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	2.9	79.6	85.4	88.7	91.1	91.8	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	2.9	79.6	85.5	88.8	91.4	92.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	2.9	79.6	85.7	88.9	91.8	92.6	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5
≥ 600	2.9	79.6	85.7	89.2	92.1	92.9	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9
≥ 500	2.9	79.9	85.9	89.6	92.6	93.6	95.2	95.8	95.8	95.8	95.9	95.9	96.0	96.2	96.6	96.6
≥ 400	2.9	79.9	85.9	89.6	92.9	94.0	95.8	96.4	96.4	96.6	97.0	97.0	97.1	97.3	97.7	97.7
≥ 300	2.9	79.9	86.1	89.8	93.0	94.4	96.3	97.0	97.0	97.3	97.8	97.8	98.1	98.4	99.0	99.0
≥ 200	2.9	79.9	86.1	89.8	93.0	94.4	96.3	97.1	97.1	97.5	98.1	98.1	98.5	98.8	99.5	99.6
≥ 100	2.9	79.9	86.1	89.8	93.0	94.4	96.4	97.3	97.3	97.8	98.4	98.4	98.8	99.0	99.7	100.0
≥ 0	2.9	79.9	86.1	89.8	93.0	94.4	96.4	97.3	97.3	97.8	98.4	98.4	98.8	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 732

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	1.6	43.8	44.3	45.1	45.3	45.3	45.3	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	2.5	53.5	54.3	55.4	55.5	55.5	55.5	55.7	55.7	55.8	55.8	55.8	56.0	56.0	56.0	56.0
≥ 18000	2.5	54.0	54.9	56.0	56.1	56.1	56.1	56.2	56.2	56.4	56.4	56.4	56.5	56.5	56.5	56.5
≥ 16000	2.5	54.0	54.9	56.0	56.1	56.1	56.1	56.2	56.2	56.4	56.4	56.4	56.5	56.5	56.5	56.5
≥ 14000	2.5	54.4	55.3	56.4	56.5	56.5	56.5	56.6	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9
≥ 12000	2.5	55.8	56.6	57.7	57.9	57.9	57.9	58.0	58.0	58.1	58.1	58.1	58.3	58.3	58.3	58.3
≥ 10000	2.7	60.2	61.0	62.1	62.2	62.2	62.2	62.4	62.4	62.5	62.5	62.5	62.7	62.7	62.7	62.7
≥ 9000	2.7	60.6	61.4	62.5	62.7	62.7	62.7	62.8	62.8	62.9	62.9	62.9	63.1	63.1	63.1	63.1
≥ 8000	2.7	66.6	67.9	69.1	69.2	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6
≥ 7000	2.7	67.9	69.2	70.5	70.6	70.6	70.6	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 6000	2.7	68.4	70.0	71.3	71.5	71.5	71.5	71.7	71.7	71.8	71.8	71.8	72.0	72.0	72.0	72.0
≥ 5000	2.7	70.2	71.8	73.2	73.5	73.6	73.6	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 4500	2.7	71.5	73.7	75.5	75.9	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5
≥ 4000	2.7	73.1	76.1	78.0	78.4	78.5	78.5	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 3500	2.7	74.6	77.2	79.2	79.8	79.9	79.9	80.0	80.0	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 3000	2.7	76.7	79.8	82.1	82.9	83.0	83.0	83.2	83.2	83.4	83.4	83.4	83.6	83.6	83.6	83.6
≥ 2500	2.7	78.0	81.3	83.6	84.7	84.8	84.8	85.1	85.1	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 2000	2.7	78.8	82.2	84.8	86.0	86.3	86.3	86.6	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 1800	2.7	79.3	82.8	85.5	86.7	87.0	87.0	87.3	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 1500	2.7	79.8	83.4	86.2	87.4	87.8	88.6	88.9	88.9	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 1200	2.7	80.2	84.7	87.6	88.8	89.6	90.4	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 1000	2.7	80.3	85.2	88.2	89.7	90.7	91.7	92.1	92.1	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 900	2.7	80.3	85.2	88.5	90.3	91.2	92.2	92.6	92.6	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 800	2.7	80.3	85.4	88.6	91.0	91.9	93.0	93.4	93.4	94.0	94.0	94.0	94.3	94.3	94.3	94.3
≥ 700	2.7	80.4	85.5	88.9	91.2	92.5	93.6	94.0	94.0	94.5	94.5	94.5	94.8	94.8	94.8	94.9
≥ 600	2.7	80.6	85.6	89.5	91.8	93.0	94.3	94.7	94.7	95.2	95.2	95.2	95.5	95.5	95.5	95.6
≥ 500	2.7	80.6	85.6	89.5	91.8	93.6	95.2	95.8	95.8	96.3	96.3	96.3	96.6	96.6	96.6	96.7
≥ 400	2.7	80.6	85.6	89.5	91.8	93.6	95.3	96.0	96.0	96.9	97.1	97.1	97.4	97.4	97.4	97.5
≥ 300	2.7	80.6	85.8	89.6	91.9	93.7	95.5	96.2	96.3	97.3	97.5	97.5	97.9	97.9	97.9	98.1
≥ 200	2.7	80.6	85.8	89.6	91.9	93.8	95.9	96.6	96.7	97.9	98.2	98.2	98.9	98.9	98.9	99.2
≥ 100	2.7	80.6	85.8	89.6	91.9	94.0	96.2	96.9	97.0	98.2	98.5	98.5	99.3	99.3	99.3	99.7
≥ 0	2.7	80.6	85.8	89.6	91.9	94.0	96.2	96.9	97.0	98.2	98.5	98.5	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 731

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

72[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 7/8	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥0
NO CEILING	.7	50.8	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	.7	57.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	.7	57.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000	.7	57.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	.7	57.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	.7	58.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	.7	63.3	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	.7	63.4	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 8000	.7	67.9	69.5	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 7000	.7	68.9	71.0	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	.7	68.9	71.2	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 5000	.7	70.5	72.9	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4500	.7	71.4	74.2	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4000	.7	73.7	77.5	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	.7	74.1	78.2	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	.7	76.4	80.7	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	.7	77.7	82.5	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	.7	78.6	83.6	85.5	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	.7	78.6	83.6	85.5	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	.7	79.6	85.3	87.4	87.9	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	.7	80.0	85.8	87.8	88.9	89.0	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1000	.7	80.3	86.2	88.2	89.9	90.1	90.7	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	.7	80.3	86.2	88.4	90.3	90.5	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	.7	80.5	86.8	89.2	91.4	91.7	92.5	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700	.7	80.7	87.1	89.6	92.1	92.6	93.3	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	.7	80.7	87.3	89.9	92.5	93.4	94.2	94.5	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	.7	80.8	87.4	90.1	93.2	94.4	95.5	95.8	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	.7	80.8	87.4	90.3	93.8	95.1	96.8	97.3	97.4	97.8	97.9	97.9	98.1	98.1	98.1	98.1
≥ 300	.7	80.8	87.4	90.3	93.8	95.1	97.3	97.7	97.8	98.4	98.8	98.8	98.9	98.9	98.9	98.9
≥ 200	.7	80.8	87.4	90.3	93.8	95.1	97.4	97.9	98.1	98.8	99.2	99.2	99.3	99.3	99.3	99.3
≥ 100	.7	80.8	87.4	90.3	93.8	95.1	97.4	97.9	98.1	99.0	99.5	99.5	99.7	99.7	100.0	100.0
≥ 0	.7	80.8	87.4	90.3	93.8	95.1	97.4	97.9	98.1	99.0	99.5	99.5	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

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

72[illegible]0 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.4	53.8	54.0	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	.4	56.6	56.9	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	.4	56.6	56.9	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	.4	56.6	56.9	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	.4	56.6	56.9	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	.4	57.3	57.6	58.3	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	.4	61.4	62.3	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 9000	.4	61.4	62.3	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	.4	66.3	67.5	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	.4	67.5	68.9	69.6	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	.4	67.8	69.2	69.8	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	.4	69.4	71.4	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	.4	71.1	73.1	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	.4	73.9	76.4	77.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3500	.4	74.8	77.5	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	.4	77.5	80.4	81.6	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	.4	78.0	81.6	82.8	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	.4	79.5	83.8	85.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	.4	80.1	84.3	85.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	.4	81.3	85.8	87.4	88.7	88.8	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	.4	81.3	85.8	87.4	88.7	88.8	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	.4	81.7	86.6	88.7	89.9	90.0	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 900	.4	81.9	87.2	89.2	90.5	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	.4	82.0	87.7	90.0	91.5	91.7	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 700	.4	82.0	88.3	90.7	92.5	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	.4	82.5	88.8	91.7	93.9	94.1	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	.4	82.7	88.9	91.8	94.5	95.0	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 400	.4	82.7	89.4	92.2	95.4	95.8	96.2	96.3	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 300	.4	82.7	89.4	92.2	95.4	95.9	97.0	97.1	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 200	.4	82.7	89.4	92.2	95.4	95.9	97.4	97.8	98.0	98.2	98.2	98.2	98.6	98.6	98.8	98.9
≥ 100	.4	82.7	89.4	92.2	95.4	95.9	97.4	97.8	98.0	98.4	98.4	98.5	98.9	98.9	99.0	99.6
≥ 0	.4	82.7	89.4	92.2	95.4	95.9	97.4	97.8	98.0	98.4	98.4	98.5	98.9	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 133

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	1.4	49.4	49.8	50.4	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.9
≥ 20000	1.4	55.3	56.1	56.9	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.5
≥ 18000	1.4	55.3	56.2	56.9	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.6
≥ 16000	1.4	55.4	56.2	57.0	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.6
≥ 14000	1.4	55.6	56.4	57.2	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.8
≥ 12000	1.4	56.6	57.4	58.2	58.4	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.8
≥ 10000	1.5	60.9	62.1	62.9	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.6
≥ 9000	1.5	61.2	62.5	63.1	63.4	63.4	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.8
≥ 8000	1.5	66.1	67.6	68.6	68.9	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3
≥ 7000	1.5	67.0	68.7	69.6	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.4
≥ 6000	1.5	67.5	69.4	70.4	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.2
≥ 5000	1.5	69.2	71.3	72.5	72.9	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3
≥ 4500	1.5	71.1	73.5	75.0	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.9
≥ 4000	1.5	73.5	76.2	77.7	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.7
≥ 3500	1.5	74.2	77.1	78.7	79.2	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.8
≥ 3000	1.5	75.9	79.2	81.0	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.5
≥ 2500	1.5	77.0	80.6	82.5	83.4	83.5	83.6	83.7	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.1
≥ 2000	1.5	78.0	81.8	84.2	85.2	85.3	85.5	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	86.0
≥ 1800	1.5	78.2	82.1	84.4	85.4	85.6	85.8	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.3
≥ 1500	1.5	79.0	83.1	85.8	87.0	87.2	87.6	87.7	87.8	87.9	87.9	88.0	88.1	88.1	88.1	88.2
≥ 1200	1.5	79.4	83.8	86.6	88.0	88.2	88.6	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.3
≥ 1000	1.5	79.9	84.6	87.6	89.3	89.6	90.2	90.4	90.5	90.7	90.7	90.7	90.8	90.8	90.9	90.9
≥ 900	1.5	80.1	85.0	88.1	89.9	90.2	90.9	91.2	91.3	91.5	91.5	91.6	91.7	91.7	91.7	91.8
≥ 800	1.5	80.3	85.3	88.6	90.6	91.0	91.8	92.0	92.1	92.4	92.4	92.4	92.6	92.6	92.6	92.7
≥ 700	1.5	80.4	85.6	89.0	91.2	91.7	92.6	92.8	92.9	93.2	93.2	93.2	93.4	93.4	93.4	93.6
≥ 600	1.5	80.6	86.0	89.5	91.9	92.5	93.4	93.7	93.8	94.1	94.2	94.2	94.3	94.3	94.4	94.5
≥ 500	1.5	80.8	86.2	89.8	92.5	93.3	94.4	94.8	94.9	95.2	95.3	95.3	95.5	95.5	95.6	95.7
≥ 400	1.5	80.9	86.3	90.1	93.0	94.0	95.3	95.8	95.9	96.3	96.6	96.6	96.7	96.8	96.9	97.0
≥ 300	1.5	80.9	86.4	90.2	93.3	94.3	95.9	96.4	96.6	97.1	97.4	97.4	97.6	97.7	97.9	98.0
≥ 200	1.5	80.9	86.4	90.2	93.3	94.4	96.2	96.9	97.0	97.7	98.2	98.2	98.6	98.7	98.9	99.2
≥ 100	1.5	80.9	86.4	90.2	93.3	94.5	96.3	97.0	97.1	97.9	98.3	98.5	98.9	99.0	99.3	99.8
≥ 0	1.5	80.9	86.4	90.2	93.3	94.5	96.3	97.0	97.1	97.9	98.3	98.5	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5845

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

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-81 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	.9	43.7	47.3	49.8	51.3	51.5	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2
≥ 20000	.9	49.8	54.1	57.2	59.1	59.4	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 18000	.9	49.8	54.2	57.3	59.2	59.5	60.0	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 16000	.9	49.9	54.2	57.3	59.2	59.5	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 14000	.9	50.1	54.5	57.6	59.5	59.8	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.7
≥ 12000	.9	51.0	55.5	58.7	60.6	60.9	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
≥ 10000	.9	54.8	59.8	63.2	65.5	65.9	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8
≥ 9000	.9	55.1	60.1	63.6	65.9	66.2	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 8000	.9	59.3	65.0	69.0	71.5	72.0	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0
≥ 7000	1.0	60.3	66.1	70.3	72.9	73.3	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4
≥ 6000	1.0	60.7	66.6	70.8	73.4	73.9	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9
≥ 5000	1.0	61.8	67.8	72.1	74.9	75.3	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.5
≥ 4500	1.0	63.0	69.2	73.6	76.4	76.9	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0
≥ 4000	1.0	64.8	71.3	76.0	78.9	79.5	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.7
≥ 3500	1.0	65.6	72.2	77.0	80.0	80.5	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7
≥ 3000	1.0	67.8	74.9	80.0	83.3	83.9	84.8	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.3
≥ 2500	1.0	68.6	75.9	81.2	84.6	85.2	86.1	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.7
≥ 2000	1.0	69.3	76.9	82.4	86.1	86.7	87.7	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.3
≥ 1800	1.0	69.5	77.0	82.7	86.3	87.0	88.0	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.5
≥ 1500	1.0	70.2	78.0	83.9	87.7	88.4	89.5	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.1
≥ 1200	1.0	70.6	78.5	84.6	88.5	89.3	90.4	90.6	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.1
≥ 1000	1.0	71.0	79.2	85.6	89.8	90.6	91.9	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.6	92.6
≥ 900	1.0	71.2	79.4	85.9	90.3	91.1	92.4	92.7	92.8	93.0	93.1	93.1	93.1	93.1	93.2	93.3
≥ 800	1.0	71.3	79.7	86.4	90.9	91.9	93.2	93.6	93.6	93.9	93.9	94.0	94.0	94.0	94.1	94.1
≥ 700	1.0	71.4	80.0	86.8	91.5	92.5	94.0	94.3	94.4	94.7	94.7	94.8	94.8	94.8	94.9	95.0
≥ 600	1.0	71.5	80.2	87.1	92.0	93.1	94.6	95.1	95.1	95.4	95.5	95.5	95.6	95.6	95.7	95.8
≥ 500	1.0	71.7	80.4	87.5	92.5	93.7	95.5	96.0	96.0	96.4	96.6	96.6	96.7	96.7	96.8	96.9
≥ 400	1.0	71.7	80.5	87.7	92.9	94.2	96.1	96.7	96.7	97.2	97.5	97.5	97.6	97.6	97.7	97.8
≥ 300	1.0	71.7	80.5	87.7	93.1	94.4	96.4	97.1	97.2	97.8	98.0	98.1	98.3	98.3	98.4	98.6
≥ 200	1.0	71.7	80.5	87.8	93.1	94.5	96.5	97.3	97.4	98.1	98.4	98.4	98.8	98.8	99.1	99.3
≥ 100	1.0	71.7	80.5	87.8	93.1	94.5	96.5	97.3	97.4	98.1	98.5	98.5	99.0	99.0	99.4	99.8
0	1.0	71.7	80.5	87.8	93.1	94.5	96.5	97.3	97.4	98.1	98.5	98.5	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 66740

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

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY SIGNIFICANT.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724080	PATUXENT RIVER NAS MD	74-81	JAN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	29.5			16.6						10.1	43.8	5.8	731
	03-05	28.8			17.6						10.2	43.4	5.8	733
	06-08	18.1			20.0						17.1	44.7	6.6	729
	09-11	14.5			19.7						20.0	45.8	7.0	731
	12-14	13.0			19.7						22.8	44.5	7.1	731
	15-17	13.1			22.8						20.4	43.7	6.9	732
	18-20	22.5			21.7						15.6	40.3	6.1	725
	21-23	28.7			17.2						13.8	40.3	5.8	732
TOTALS		21.0			19.4						16.3	43.3	6.4	5844

USAFETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724040 | PATUXENT RIVER NAS MD | 73-80 | FEB
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	33.3			17.4						12.4	36.9	5.3	667
	03-05	30.3			15.7						18.2	35.8	5.7	670
	06-08	21.1			24.4						17.9	36.6	6.0	669
	09-11	21.2			19.4						19.4	40.0	6.3	665
	12-14	16.1			24.0						21.6	38.3	6.5	666
	15-17	17.1			24.9						18.9	39.1	6.4	672
	18-20	24.3			24.0						16.1	35.6	5.7	666
	21-23	32.2			21.2						12.3	34.2	5.2	664
TOTALS		24.5			21.4						17.1	37.1	5.9	5339

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724040 | PATUXENT RIVER NAS MD | 73-80 | MAR
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	28.9			15.9						10.9	44.4	5.9	737
	03-05	25.1			17.9						12.6	44.5	6.1	722
	06-08	16.0			18.5						19.0	46.5	6.9	720
	09-11	11.7			19.5						22.6	46.1	7.2	733
	12-14	10.6			16.3						24.4	48.6	7.5	734
	15-17	14.2			15.4						22.9	47.5	7.3	733
	18-20	18.7			17.0						18.8	45.5	6.8	729
	21-23	25.0			15.8						14.7	44.5	6.2	735
TOTALS		18.8			17.0						18.2	46.0	6.7	5843

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724140	PATUXENT RIVER NAS MD	73-80	APR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	31.0			17.0						16.8	35.2	5.5	710
	03-05	27.8			23.6						17.2	31.4	5.4	704
	06-08	18.3			25.0						22.9	33.8	6.2	699
	09-11	16.9			24.2						22.6	36.3	6.4	708
	12-14	14.0			22.0						26.4	37.7	6.8	709
	15-17	13.8			20.7						28.3	37.1	6.9	709
	18-20	14.4			26.4						24.0	35.2	6.5	701
	21-23	25.2			24.9						17.0	33.0	5.6	707
TOTALS		20.2			23.0						21.9	35.0	6.2	5647

USAFETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724040 — STATION
PATUXENT RIVER NAS MD — STATION NAME
73-80 — PERIOD
MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	21.5			20.4						20.2	38.0	6.2	727
	03-05	17.2			23.1						19.0	40.7	6.5	722
	06-08	15.1			22.3						21.6	41.0	6.7	717
	09-11	8.2			23.9						26.5	41.3	7.2	728
	12-14	5.0			19.6						35.0	40.3	7.8	734
	15-17	7.4			21.7						31.6	39.2	7.4	727
	18-20	7.7			21.8						31.3	39.2	7.4	725
	21-23	17.4			21.4						25.1	36.1	6.5	729
TOTALS		12.4			21.8						26.3	39.5	7.0	5809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724140	PATUXENT RIVER NAS MD	73-80	JUN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	19.6			25.2						22.8	32.4	6.0	694
	03-05	14.3			27.5						26.3	31.9	6.4	699
	06-08	10.9			25.5						31.6	31.9	6.8	689
	09-11	10.9			21.2						31.0	36.9	7.1	704
	12-14	5.0			28.8						28.8	37.4	7.2	698
	15-17	6.3			26.4						32.8	34.5	7.2	701
	18-20	9.7			26.6						27.9	35.8	6.9	688
	21-23	17.8			25.5						24.7	32.0	6.2	697
TOTALS		11.8			25.8						28.2	34.1	6.7	5570

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724040 — STATION
PATUXENT RIVER NAS MD — STATION NAME
73-80 — PERIOD
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	21.1			24.2						23.8	30.9	6.0	702
	03-05	13.5			31.7						24.8	30.0	6.2	703
	06-08	6.8			30.2						31.2	31.8	6.9	702
	09-11	8.1			29.3						31.2	31.4	6.8	706
	12-14	3.4			32.4						39.2	25.0	7.0	716
	15-17	4.6			28.8						38.7	27.8	7.1	711
	18-20	8.1			26.7						30.1	35.1	7.0	707
	21-23	14.7			24.5						29.1	31.6	6.5	693
TOTALS		10.0			28.5						31.0	30.5	6.7	5640

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724 [illegible] PATUXENT RIVER NAS MD 73-80 AUG
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	16.1			26.8						27.3	29.8	6.2	704
	03-05	11.1			34.1						28.4	26.4	6.2	704
	06-08	7.5			30.2						31.2	31.1	6.8	692
	09-11	7.4			29.3						36.3	27.0	6.8	703
	12-14	4.0			31.1						41.5	23.4	6.8	721
	15-17	5.3			32.3						35.4	27.0	6.9	718
	18-20	7.4			28.7						29.6	34.3	7.0	705
	21-23	14.1			28.9						23.9	33.1	6.3	703
TOTALS		9.1			30.2						31.7	29.0	6.7	5650

USAFETAC FORM 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72-940 | PATUXENT RIVER NAS MD | 73-80 | SEP
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	23.9			24.7						19.2	32.2	5.7	687
	03-05	24.6			24.7						20.2	30.4	5.6	687
	06-08	13.6			30.2						25.8	30.4	6.3	7[illegible]
	09-11	12.1			29.4						28.2	30.4	6.5	695
	12-14	6.5			33.9						27.7	31.9	6.7	705
	15-17	10.2			30.3						29.7	29.7	6.6	693
	18-20	12.8			27.1						29.2	30.9	6.5	695
	21-23	22.0			25.1						21.8	31.0	5.8	696
TOTALS		15.7			28.2						25.2	30.9	6.2	5559

USAFETAC FORM /JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72-040 | PATUXENT RIVER NAS MD | 73-80 | OCT
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	36.5			20.4						12.7	30.4	4.8	726
	03-05	38.9			16.2						13.7	31.3	4.8	723
	06-08	20.3			30.1						17.5	32.1	5.7	724
	09-11	19.5			30.1						19.7	30.7	5.7	727
	12-14	15.0			28.6						27.6	28.8	6.2	725
	15-17	17.8			25.5						30.5	26.2	6.1	730
	18-20	23.6			24.7						24.4	27.4	5.7	726
	21-23	34.4			21.0						15.5	29.1	4.9	729
TOTALS		25.8			24.6						20.2	29.5	5.5	5806

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72406 | PATUXENT RIVER NAS MD | 73-80 | NOV
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	35.8			18.9						12.9	32.3	5.0	703
	03-05	35.2			20.6						12.9	31.2	4.9	698
	06-08	16.7			33.0						18.0	32.3	5.8	696
	09-11	14.0			31.1						21.9	33.1	6.2	708
	12-14	8.8			30.1						24.4	36.7	6.8	708
	15-17	9.7			28.6						25.7	36.1	6.8	704
	18-20	22.5			21.3						20.9	35.3	6.0	703
	21-23	31.5			16.9						17.2	34.3	5.5	708
TOTALS		21.8			25.1						19.2	33.9	5.9	5628

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724 40	PATUXENT RIVER NAS MD	73-80	DEC
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	29.5			18.9						13.4	38.2	5.6	731
	03-05	28.8			22.5						12.6	36.0	5.4	728
	06-08	18.3			28.8						17.7	35.2	6.0	736
	09-11	14.3			25.2						22.2	38.4	6.6	735
	12-14	13.1			27.6						20.9	38.5	6.6	733
	15-17	13.9			25.2						23.0	38.0	6.6	735
	18-20	23.6			21.5						17.9	37.0	6.0	736
	21-23	28.6			18.3						14.5	38.6	5.7	733
TOTALS		21.3			23.5						17.8	37.5	6.1	5867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72404D	PATUXENT RIVER NAS MD	73-81	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	21.0			19.4						16.3	43.3	6.4	5844
FEB		24.5			21.4						17.1	37.1	5.9	5339
MAR		18.8			17.0						18.2	46.0	6.7	5843
APR		20.2			23.0						21.9	35.0	6.2	5647
MAY		12.4			21.8						26.3	39.5	7.0	5809
JUN		11.8			25.8						28.2	34.1	6.7	5570
JUL		10.0			28.5						31.0	30.5	6.7	5640
AUG		9.1			30.2						31.7	29.0	6.7	5650
SEP		15.7			28.2						25.2	30.9	6.2	5559
OCT		25.8			24.6						20.2	29.5	5.5	5806
NOV		21.8			25.1						19.2	33.9	5.9	5628
DEC		21.3			23.5						17.8	37.5	6.1	5867
TOTALS		17.7			24.0						22.8	35.5	6.3	68202

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

Continued on Reverse

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

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

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (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

724040 PATUXENT RIVER NAS MD 45-81
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 0						.1	.4						.0
≥ 5					.1	1.9	4.5	3.2	.5				.9
≥ 10				.5	1.8	12.2	21.3	17.6	4.0	.4			4.9
≥ 15			.2	2.4	8.1	31.6	53.7	47.7	19.7	1.7	.1		13.9
≥ 20		.1	1.8	8.5	22.1	57.7	85.3	77.1	43.9	7.1	.8		25.6
≥ 25	.4	1.0	4.3	15.8	41.6	83.5	97.9	96.4	69.4	19.2	3.3	.2	36.4
≥ 30	1.9	2.2	8.8	27.2	63.2	94.4	99.8	99.6	87.6	41.6	10.5	2.2	45.2
≥ 35	4.8	4.9	16.8	42.3	82.5	98.8	100.0	100.0	95.9	64.2	22.2	6.0	53.5
≥ 40	10.1	11.5	28.1	64.2	94.4	99.8			99.4	84.7	39.9	13.5	62.5
≥ 45	18.3	20.0	42.5	84.1	99.4	100.0			100.0	95.5	59.2	24.1	70.6
≥ 50	28.2	32.8	61.7	95.5	100.0					98.7	77.8	37.8	78.0
≥ 55	41.9	49.0	78.8	99.2						99.9	90.5	57.5	84.9
≥ 60	63.7	69.0	91.9	99.9						100.0	98.1	76.7	91.7
≥ 65	79.1	85.2	97.0	100.0							99.4	88.4	95.8
≥ 70	91.9	94.5	99.6								100.0	96.6	98.6
≥ 75	97.3	98.3	99.9									99.8	99.6
≥ 80	99.4	99.7										100.0	99.9
≥ 85	99.8	100.0	100.0										100.0
≥ 90	100.0												100.0
≥ 95													
≥ 100													
≥ 105													
≥ 110													
≥ 115													
≥ 120													
≥ 125													
≥ 130													
≥ 135													
≥ 140													
≥ 145													
≥ 150													
≥ 155													
≥ 160													
≥ 165													
≥ 170													
≥ 175													
≥ 180													
≥ 185													
≥ 190													
≥ 195													
≥ 200													
MEAN	43.8	45.4	53.6	64.0	72.6	80.9	85.1	84.1	78.0	67.7	57.1	47.1	65.0
S.D.	11.185	10.843	10.978	9.757	8.281	6.986	5.432	5.577	7.214	7.982	9.424	10.309	17.182
TOTAL OBS.	1115	989	1116	1080	1116	1080	1116	1116	1080	1115	1079	1115	13117

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

72[illegible]40 PATUXENT RIVER NAS MD 45-81
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]						.2	.3	.1					.0
75						2.7	14.9	11.6	2.8				2.7
[illegible]					1.5	25.8	59.5	57.3	22.2	1.3	.2		14.2
65			.2	.6	11.7	54.9	90.3	86.6	47.6	5.7	.3		25.1
60	.2		.5	4.7	35.2	82.1	98.8	98.1	73.7	20.1	2.5		34.9
55	.6	.3	2.0	14.0	61.7	96.9	100.0	99.9	92.8	41.4	8.4	.4	43.5
[illegible]	1.3	1.2	6.0	33.3	83.5	99.8		100.0	98.4	65.0	19.1	1.6	51.1
45	3.4	3.6	16.4	61.6	96.6	100.0			100.0	83.6	36.2	7.3	59.4
40	10.6	11.6	36.8	84.7	99.7					94.9	58.8	20.4	68.5
35	25.8	28.4	62.1	96.6	100.0					99.1	81.7	40.2	78.1
30	34.9	37.8	71.1	98.0						99.7	87.2	49.4	81.8
20	51.4	53.1	85.4	99.6						100.0	93.8	64.1	87.5
25	71.0	74.5	95.5	100.0							98.1	83.9	93.7
20	85.7	88.2	98.9								99.8	94.9	97.4
15	93.6	95.7	99.9								100.0	99.0	99.0
10	98.6	99.0	100.0									100.0	99.8
5	99.5	100.0											100.0
0	99.7												100.0
-5	100.0												100.0
MEAN	29.0	29.7	37.1	46.7	56.4	65.0	70.2	69.6	63.8	52.5	41.9	32.6	49.5
S.D.	9.017	8.462	7.828	7.085	6.578	5.735	4.258	4.316	6.364	7.829	8.555	8.097	16.475
TOTAL OBS.	1115	989	1116	1080	1116	1080	1116	1116	1079	1115	1079	1115	13116

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
724040 PATUXENT RIVER NAS MD 45-81
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
100							.1						.0
95						1.6	6.6	3.9	.6				1.1
90					1.3	16.1	37.5	31.9	9.4	.5			8.2
85			.1	.8	7.9	43.6	76.3	71.3	32.2	2.4	.2		19.8
80	.1		.9	5.6	26.3	72.0	97.3	94.4	60.8	10.2	1.1		31.0
75	.4	.3	2.4	14.8	51.2	92.9	100.0	99.8	84.2	29.0	4.1	.2	40.2
70	1.3	1.6	7.2	29.0	77.1	99.2		100.0	96.1	56.1	13.6	2.1	48.9
65	4.0	3.6	16.4	52.5	92.5	100.0			99.6	78.5	30.1	5.7	57.3
60	9.8	10.1	30.2	76.9	99.4				100.0	92.6	48.4	14.7	65.5
55	20.3	22.4	52.2	93.4	100.0					98.5	72.3	29.7	74.4
50	36.0	41.8	76.3	99.2						99.9	89.2	51.3	83.0
45	59.3	65.2	91.0	99.9						100.0	97.2	73.5	90.7
40	77.4	81.9	97.0	100.0							99.3	88.0	95.4
35	89.9	92.7	99.5								100.0	97.0	98.3
30	96.2	97.9	99.9									99.8	99.5
25	99.4	99.7	100.0									100.0	99.9
20	99.6	100.0											100.0
15	100.0												100.0
10													
5													
MEAN	36.7	37.8	45.6	55.6	64.8	73.2	77.9	77.1	71.1	60.3	49.7	40.1	57.5
S.D.	9.627	9.130	8.920	7.878	6.946	5.933	4.404	4.527	6.359	7.362	8.508	8.754	16.584
TOTAL OBS.	1115	989	1116	1080	1116	1080	1116	1116	1079	1115	1079	1115	13116

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

724 40 — STATION
PATUXENT RIVER NAS MD — STATION NAME
45-81 — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
45			85	79	86	97	95	91	89	79	78	55	
46	66	74	75	80	86	91	94	90	89	83	76	73	94
47	72	57	69	84	89	89	92	98	90	82	65	61	98
48	56	78	85	80	85	95	94	97	87	77	78	66	97
49	72	75	82	85	88	94	95	95	86	86	76	68	95
50	78	62	73	80	87	95	92	91	88	82	82	71	95
51	71	69	70	86	84	94	94	91	89	89	75	74	94
52	74	60	75	87	85	99	100	92	93	86*	71	59	100
53	72	67	68	86	91	91	100	97	95	79	77*	68	100
54	70	76	75	86	85	98	100	95	95	92	68	66	100
55	65	63	79	85	92	90	97	97	85	83	78	68	97
56	65	68	72	85	93	93	94	95	93	79	74	74	95
57	68	68	65	84	89	95	96	92	91	74	73	66	96
58	55	61	55	77	83	91	93	92	91	83	73	62	93
59	69	70	75	87	90	99	93	96	89	90	78	61	99
60	63	68	75	91	85	92	93	94	86	78	70	60	94
61	55	72	82	84	87	89	90	88	89	80	71	59	90
62	57	61	74	81	90	90	88	93	90	83	60	55	93
63	62	57	78	82	94	94	96	97	91	83	71	61	97
64	68	62	80	90	94	101	94	97	93	75	76	72	101
65 *	65	66	70	85	97	95	95	91	88	76	74	72	97
66	67	64	80	80	89	94	99	97	94	84	78	75	99
67	73	70	79	90	86	95	95	92	82	84	72	65	95
68	59	56	78	79	86	92	99	97	87*	93	85	68	99
69	67	50	77	91	93	98	94	92	89	84	65	60	98
70	69	61	62	82	88	93	99	94	94	84	65	66	99
71	62	70	74	78	83	90	91	91	86	80	83	75	91
72	66	77	80	86	83	87	92	89	88	79	78	65	92
73	61	60	77	89	87	90	92	94	89	84	80	71	94
74	75	70	80	91	90	92	93	88	92	80	80	66	93
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

72440 PATUXENT RIVER NAS MD 45-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
75	74	65	68	77	87	91	91	95	87	86	79	71	95
76	63	80	81	87	83	88	92	92	90	77	73	60	92
77	53	74	83	84	87	89	95	97	89	83	73	60	97
78	67	46	77	86	86	86	97	93	92	84	73	74	97
79	64	52	84	72	82	88	89	93	86	84	74	71	93
80	60	60	70	78	88	96	103	97	98	85	74	73	103
81	61												
MEAN	65.5	65.4	75.3	83.7	87.7	92.8	94.6	93.6	89.8	82.2	74.4	66.4	95.7
S.D.	6.391	8.085	6.612	4.589	3.598	3.671	3.383	2.851	3.252	4.079	5.403	5.961	3.037
TOTAL OBS	1115	989	1116	1080	1116	1080	1116	1116	1080	1115	1079	1115	13117

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

724140 PATUXENT RIVER NAS MD 45-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
45			33	36	42	50	61	56	56	42	27	16	
46	17	18	32	38	44	53	61	58	54	46	34	23	17
47	14	8	26	34	39	53	61	67	47	40	29	25	8
48	17	16	20	37	47	56	60	60	56	38	36	17	17
49	23	26	25	37	49	56	66	63	49	43	26	25	23
50	24	17	17	26	45	54	64	62	46	44	19	16	16
51	16	12	28	34	48	55	60	59	46	44	26	14	12
52	16	27	25	35	44	56	55	58	51	32*	27	22	16
53	25	24	24	32	52	48	64	61	50	43	30*	18	* 18
54	16	20	22	29	42	55	61	59	55	40	31	19	16
55	14	13	24	35	46	56	63	65	57	40	16	17	13
56	22	22	25	32	42	55	61	60	46	46	21	25	21
57	17	25	30	32	42	55	62	63	49	35	30	14	10
58	18	7	30	37	48	54	67	65	53	43	20	10	7
59	11	15	29	37	45	53	66	63	52	42	23	22	11
60	20	21	16	33	45	58	64	62	58	38	30	12	12
61	7	10	25	31	45	58	60	62	55	42	33	22	7
62	12	17	20	36	50	61	62	62	53	38	36	15	12
63	9	10	30	44	44	56	59	58	48	43	34	14	9
64	14	22	26	32	46	52	62	58	53	36	22	16	14
65	* -3	9	19	30	52	54	60	54	54	30	27	25	* -3
66	13	12	25	35	36	50	64	63	53	40	30	14	12
67	10	12	15	37	43	45	58	61	49	39	23	21	10
68	9	10	21	36	43	58	64	59*	53*	35	27	15	9
69	11	18	21	28	44	58	63	61	49	33	21	21	11
70	4	10	23	33	41	58	66	64	49	41	21	22	4
71	14	9	27	35	44	59	64	63	58	51	31	24	9
72	7	19	26	30	49	50	56	59	55	35	27	22	7
73	18	12	28	37	43	56	62	62	54	40	32	21	12
74	21	21	27	35	44	55	65	57	48	32	26	26	21
MEAN													
S.D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

72[illegible]4 STATION — PATUXENT RIVER NAS MD STATION NAME — 45-81 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	23	22	23	31	45	58	64	55	56	38	36	20	2[illegible]
76	14	18	3[illegible]	35	44	52	60	59	54	34	20	16	14
77	-3	11	29	31	39	51	57	58	55	36	26	16	-3
7[illegible]	11	15	17	39	40	54	57	65	51	38	32	23	11
79	12	6	24	34	44	52	57	59	54	38	26	19	6
8[illegible]	2[illegible]	15	13	31	44	53	65	62	50	37	27	10	10
81	7												
MEAN	13.9	15.7	24.3	34.0	44.4	54.4	61.7	60.9	52.1	39.3	27.3	18.8	11.6
S.D	6.185	5.810	4.921	3.481	3.460	3.314	3.060	2.906	3.534	4.498	5.284	4.547	9.377
TOTAL OBS	1115	989	1116	1080	1116	1080	1116	1116	1079	1115	1079	1115	13116

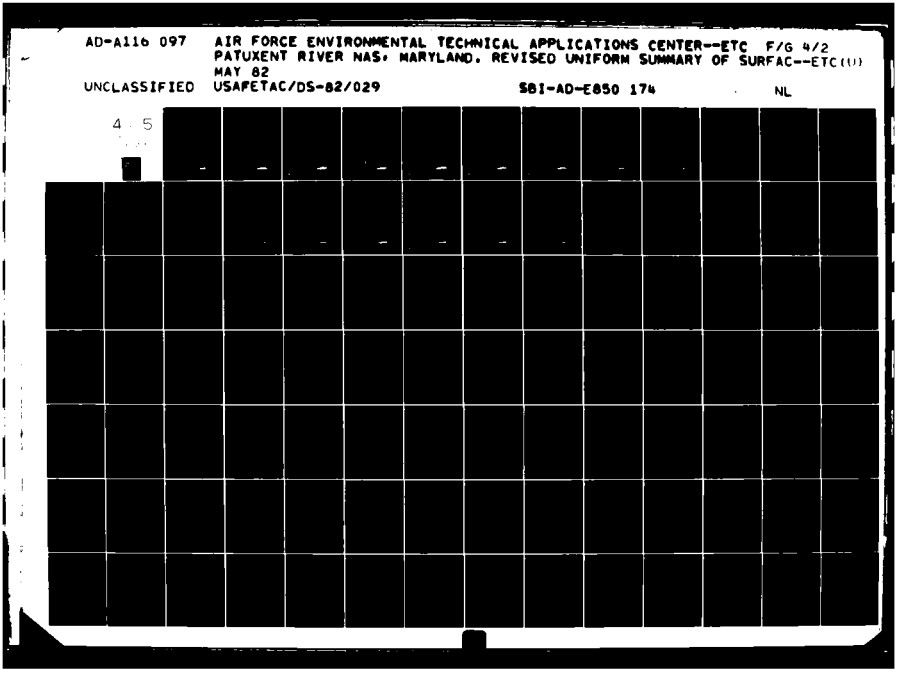
NOTES * (BASED ON LESS THAN FULL MONTHS)

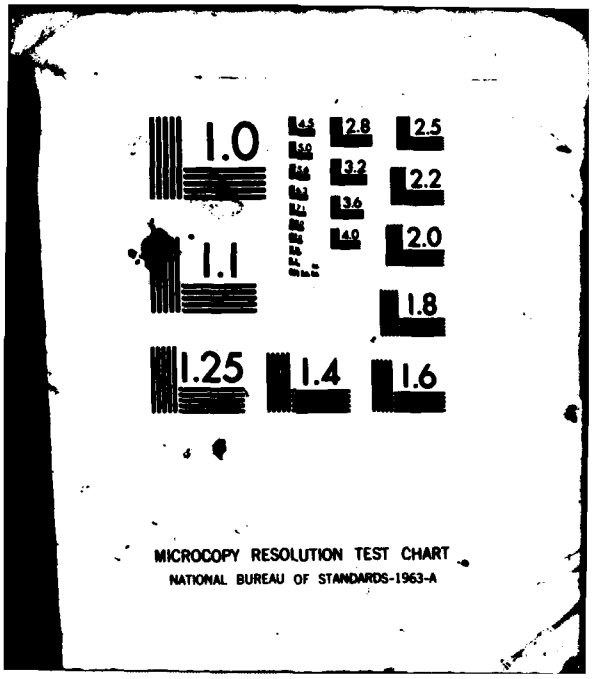
(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

AD-A116 097 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PATUXENT RIVER NAS, MARYLAND. REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
MAY 82

UNCLASSIFIED USAFETAC/DS-82/029 SBI-AD-E850 174 NL




1.0
1.1
1.25
1.4
1.6
2.8
3.2
3.6
4.0
2.5
2.2
2.0
1.8
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
62/ 61			.4															3	3		
60/ 59		.1		.3			.1											4	4		
58/ 57		.1	.1	.3	.1													5	5	4	
56/ 55	.3	.3	.3	.1			.1											8	8	6	4
54/ 53	.3	.1	.4	.3														8	8	6	7
52/ 51	.1	.4	.1	.1		.4												9	9	6	4
50/ 49		.7	.7			.1												11	11	8	3
48/ 47	.1	1.2	.3	.1	.4													16	16	11	13
46/ 45	.4	.7																8	8	18	11
44/ 43	.3	2.2	.4	.1	.3													24	24	10	17
42/ 41	.5	2.2	1.9	.5														38	38	27	11
40/ 39	1.0	1.9	1.5	.8	.1													39	39	29	25
38/ 37	2.0	3.8	3.0	1.2	.1													75	75	52	28
36/ 35	1.0	3.1	3.4	1.4														65	65	47	37
34/ 33	.8	2.6	3.0	1.8	.1													61	61	63	30
32/ 31	1.1	4.4	4.4	.7														77	77	67	59
30/ 29	.8	3.4	2.6	.5														54	54	63	41
28/ 27	.4	2.2	2.6	.8														44	44	67	31
26/ 25	.3	2.9	4.6	.1														58	59	48	51
24/ 23		1.2	3.0	.3														33	33	42	25
22/ 21		1.1	1.8															21	21	56	53
20/ 19	.3	1.1	1.4															20	20	23	50
18/ 17		.4	.5															7	7	26	46
16/ 15		.8	1.1															14	14	6	20
14/ 13		1.8	.3															15	15	14	26
12/ 11	.1	.5																5	5	18	32
10/ 9		.3																2	2	5	26
8/ 7		.3																2	2	2	23
6/ 5		.5																4	4	5	15
4/ 3		.1																1	1	1	8
2/ 1																				1	13
0/ -1	.3																	2	2	2	9
-2/ -3																					5
-4/ -5																					5

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												

FORM AS 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724090 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PAGE 2 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31			Dry Bulb	Wet Bulb	Dew Point
-b/ -f																						3
-c/ -g																						3
TOTAL	10.1	40.5	37.8	9.5	1.2	.5	.3												733	734	733	733

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 88 F	≤ 93 F	Total
Rel. Hum.	4014806	52978	72.3	15.956	733							
Dry Bulb	889463	24035	32.7	9.941	734	.3	48.6					93
Wet Bulb	736630	22086	30.1	9.859	733	.3	88.4					93
Dew Point	552309	17837	29.7	12.710	733	3.0	68.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
62/ 61	.1		.1															2	2	1	1
60/ 59	.1																	1	1	1	1
58/ 57	.3	.1		.3														5	5	5	2
56/ 55		.4	.4															6	6	1	1
54/ 53		.8	.3															8	8	4	3
52/ 51		.5				.3												6	6	11	3
50/ 49		1.2			.7													14	14	12	11
48/ 47		1.0	.4	.1	.1													17	17	4	12
46/ 45		.9	.8	.3	.3													17	17	13	5
44/ 43	.8	.9	.5		.1													18	18	16	18
42/ 41	.8	2.2	.9	.8	.1													36	36	30	9
40/ 39	1.2	1.8	.7	.5														50	50	27	25
38/ 37	2.2	2.7	2.3	1.2														62	62	41	28
36/ 35	1.1	3.8	2.8	1.9														71	71	46	37
34/ 33	1.5	4.3	3.7	.9														77	77	71	31
32/ 31	.9	3.9	3.1	1.4														69	70	66	53
30/ 29	.9	2.0	2.7	.5														44	44	63	46
28/ 27	.7	3.8	2.0	.7														53	53	53	51
26/ 25	.3	3.0	2.4	.1														43	43	56	41
24/ 23		2.0	3.1															38	38	51	22
22/ 21		1.1	2.7															28	28	46	51
20/ 19		.9	2.2															23	23	25	56
18/ 17		1.8	.8															19	19	19	38
16/ 15	.1	1.8	.5															18	18	26	25
14/ 13	.3	1.1	.4															13	13	23	24
12/ 11	.3	.5																6	6	13	26
10/ 9		.4																3	3	8	22
8/ 7		.1																1	1	1	16
6/ 5		.3																2	2	1	19
4/ 3		.3																2	2	3	13
2/ 1	.3																	2	2	3	17
0/ -1	.1																	1	1	1	9
-2/ -3	.0																	3	3	3	6
-4/ -5																					2

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Show No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 95 F	Total
Wet Bulb												
Dew Point												

FORM 10-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724090 STATION | PATUXENT RIVER NAS MD STATION NAME | 74-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					9
-8/ -9																					1
TOTAL**	12.5	44.3	33.1	8.5	1.4	.3												738	739	738	738

Element (X)	$\bar{X}_T$	$\bar{X}_{\bar{X}}$	$\bar{X}$	$s_{\bar{X}}$	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Sat. Dew.	921787	30[illegible]	[illegible]	[illegible]	738							
Dry Bulb	829059	23688	[illegible]	[illegible]	738	.0	98.0					98
Wet Bulb	799990	22[illegible]	[illegible]	[illegible]	738	.0	97.0					97
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	738	.0	95.0					95

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724060 PATUXENT RIVER NAS MD 74-81 JAN
STATION STATION NAME YEARS 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
64/ 63		.4																3	3		
62/ 61																				3	2
60/ 59		.3																2	2	1	1
58/ 57			.1															1	1	1	2
56/ 55			.1															1	1		
54/ 53		1.0	.1															8	8	1	
52/ 51		.7		.3														7	7	9	5
50/ 49	.1	.7			.1													7	7	6	9
48/ 47	.3	.7	.4	.1	.4													14	14	9	7
46/ 45	1.0	1.4	.4	.4	.5													27	27	17	12
44/ 43	.1	.8	1.0	.1	.3													17	17	11	9
42/ 41	.8	2.2	.3	.7														29	29	21	15
40/ 39	1.2	1.8	1.2	1.8	.1													45	45	40	16
38/ 37	1.6	4.0	1.9	1.5														66	66	34	33
36/ 35	1.4	2.3	2.0	1.8														55	55	56	39
34/ 33	1.8	4.1	2.7	1.6	.1													76	76	64	26
32/ 31	1.0	4.9	4.8	1.2														87	88	58	51
30/ 29	.8	1.9	2.3	.3														39	39	81	48
28/ 27	.8	2.2	2.3	.1														40	40	58	43
26/ 25	.1	2.7	2.5	.4														42	42	44	48
24/ 23	.1	2.3	2.5	.1														37	37	41	21
22/ 21	.3	1.9	1.6															28	28	48	42
20/ 19		1.8	1.5															23	23	30	68
18/ 17		2.0	1.4															25	25	18	41
16/ 15	.1	1.4	.7															16	16	27	21
14/ 13		.7	.5															9	9	14	35
12/ 11	.4	1.1																11	12	12	30
10/ 9		1.0																7	7	15	23
8/ 7																				3	18
6/ 5		.3																2	2		10
4/ 3																				2	17
2/ 1		.3																2	2		12
0/ -1	.4																	3	3	5	4
-2/ -3	.9																	4	4	4	9

Statistic (17)	$\Sigma_{H'}$	Σ_x	$\bar{Y}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					7
-6/ -7																					7
-8/ -9																					2
TOTAL	13	89	530	410	106														735		733
																		733		733	

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.	4188949	56165	75.9	15.971	733							
Dry Bulb	806620	23164	31.5	10.219	735	.9	47.7					93
Wet Bulb	699493	21391	29.2	10.135	733	1.1	58.4					93
Dew Point	530963	17388	23.7	12.731	733	3.7	70.7					93

FORM AF 14 0-24-5 (OL A) SEVERED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (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
70/ 69				.1														1	1		
68/ 67			.1															1	1		
66/ 65			.1			.1												2	2		
64/ 63		.1																1	1	3	
62/ 61		.3																2	2	2	2
60/ 59				.1	.1													2	2	1	3
58/ 57		.1	.4	.3														6	6	2	1
56/ 55		.5	.1		.1	.1												7	7	1	1
54/ 53		.5	.3	.5		.1												11	11	9	2
52/ 51	.1	.5	.4	.5	.1	.1												14	14	7	9
50/ 49	.4	.3	.4	.1	.7	.1	.1											16	16	10	9
48/ 47	.1	1.1	.3	.8	1.0													24	24	15	8
46/ 45	.1	1.4	.8	.7	.7	.4												30	30	18	7
44/ 43	.4	1.2	.8	1.2	.8	.4												36	36	17	21
42/ 41	.7	2.2	.5	2.9	1.4													56	56	35	18
40/ 39	2.1	2.2	1.9	2.3	.8													68	68	53	31
38/ 37	.8	2.2	1.6	2.7	1.0													61	61	50	32
36/ 35	1.5	2.3	2.5	2.6	.3													67	67	64	33
34/ 33	1.0	1.8	2.6	2.3	.3													58	58	63	29
32/ 31	.8	2.6	2.2	3.2	.4													67	68	72	54
30/ 29	.5	.8	2.2	1.8	.1													40	40	60	40
28/ 27	.1	1.4	3.3	1.5														46	46	42	40
26/ 25	.1	1.1	2.3	.5														30	30	48	46
24/ 23	.1	.8	1.4	.3														19	19	51	25
22/ 21	.3	.3	1.6	.3														18	18	34	31
20/ 19		.1	2.3															18	18	19	62
18/ 17		.7	.5															9	9	16	41
16/ 15		.1	.8															7	7	14	25
14/ 13		.3	.4															5	6	6	34
12/ 11		.4																3	4	8	24
10/ 9																				5	23
8/ 7		.3																2	2		20
6/ 5		.1																1	1	2	13
4/ 3																				1	12

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 74-81 YEARS | JAN 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/ 1		.1																1	1		8
0/ -1																				1	9
-2/ -3																					6
-4/ -5																					5
-8/ -9																					2
-10/-11																					1
TOTAL	9.3	26.1	30.2	25.0	7.8	1.5	.1											729	732	729	729

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.	3520047	48821	67.0	18.550	729							
Dry Bulb	996901	26051	35.6	9.770	732		34.2	.3				93
Wet Bulb	819440	23429	32.1	9.879	729	.1	48.3					93
Dew Point	578708	18206	25.0	13.053	729	3.2	66.7					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 74-81 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 Point
74/ 73								.3										2	2		
72/ 71					.1		.3											3	3		
70/ 69							.1											1	1		
68/ 67			.1															1	1		
66/ 65			.1			.3												3	3		
64/ 63					.1													1	1	3	
62/ 61		.1			.3	.1												4	4	2	2
60/ 59				.1	.4	.3												6	6	4	1
58/ 57		.3		.1	.1	.6	.3											10	10	1	2
56/ 55		.4		.4	.6	.6	.1											15	15	7	
54/ 53		.1	.1	.1	1.0	.4	.3											15	15	7	4
52/ 51		.1	.6	.1	.1	.7	.4											15	15	3	4
50/ 49	.8	.6	.8	.6	.3	1.0												29	29	15	13
48/ 47	.3	.7	.8	.7	1.7	.6	.3											36	37	22	11
46/ 45	.4	.7	1.2	.7	1.0	1.8	.1											43	43	27	12
44/ 43	.4	1.5	1.4	2.2	3.0	1.0												69	69	30	12
42/ 41	1.1	1.1	1.2	2.1	2.2	.4												59	59	43	25
40/ 39		.6	1.2	.7	2.3	.4												38	38	44	27
38/ 37	.1	1.9	1.9	1.8	.8	.1												49	49	41	23
36/ 35	1.0	1.7	2.8	1.9	1.1													61	61	81	35
34/ 33	.4	2.2	2.6	2.8	1.7													70	70	64	27
32/ 31	.6	1.9	2.3	2.8	2.5													73	73	71	43
30/ 29	.3	.6	1.2	2.1	.8													36	36	57	41
28/ 27		.7	1.0	1.8														25	25	48	53
26/ 25		.4	1.9	1.4														27	27	48	43
24/ 23		.1	.8	.3														9	9	46	30
22/ 21		.3	.7	.1														8	8	23	35
20/ 19	.1	....	.7	.1														7	7	16	56
18/ 17		.1	.7															6	7	8	42
16/ 15		.1	.3															3	3	6	32
14/ 13																				6	25
12/ 11			.1															1	1	1	22
10/ 9		.3																2	2		36
8/ 7		....																		3	17

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

FORM AS-34 0-26-5 (OL A) USAFETAC

SEVERAL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72406D STATION | PATUXENT RIVER NAS MD STATION NAME | 74-81 YEARS | JAN MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					14
4/ 3																					8
2/ 1																					15
0/ -1																					9
-2/ -3																					6
-4/ -5																					2
-6/ -7																					3
-8/ -9																					2
TOTAL	5.5	16.5	24.8	22.8	20.1	8.1	1.9	.3										729			727
																	727		727		

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2884997	43559	59.9	19.466	727							
Dry Bulb	1169206	28252	38.8	9.028	729		25.3	.9	.3			93
Wet Bulb	895393	24031	33.9	9.158	727		42.6					93
Dew Point	569181	18095	24.9	12.792	727	2.2	67.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 74-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 75								.1										1	1		
74/ 73								.8										6	6		
72/ 71								.1										1	1		
68/ 67			.3															2	2		
66/ 65			.1			.1	.1	.1										4	4		
64/ 63				.1			.3											3	3	2	
62/ 61			.1	.1		.3												4	4	4	2
60/ 59		.1						.5										3	3	5	1
58/ 57	.1	.1	.4	.1	.1	.1												8	8	4	2
56/ 55		.4			.8	.1	.1											11	11	6	2
54/ 53		.5	.7	.3	.4	.3												16	16	9	3
52/ 51	.1	.4	.4	.1	.3	.1		.3										13	13	7	11
50/ 49		.3	.4	.4	.8	.4	.3											19	19	12	8
48/ 47	.3	.5	.7	.8	1.1	.7	.4											33	33	17	10
46/ 45	.3	.7	1.0	.5	1.1	.7	.4											34	34	17	10
44/ 43	.3	1.1	1.8	1.2	1.9	.8	.1											53	53	20	9
42/ 41	.4	.8	2.9	1.2	2.7	.7												64	64	38	17
40/ 39	.4	1.2	1.6	1.4	1.8	.4												50	51	45	26
38/ 37	.8	2.5	2.2	2.3	1.0	.1												65	65	55	32
36/ 35	.5	2.5	3.4	2.3	1.5	.1												73	73	63	35
34/ 33	.7	1.4	1.8	2.3	1.9													59	59	85	51
32/ 31	.3	1.9	3.7	2.9	1.1													72	72	62	44
30/ 29	.3	1.2	1.8	2.9	.3													47	48	62	31
28/ 27	.1	.7	1.1	1.9														28	28	56	54
26/ 25	.3		2.1	1.6														29	29	60	45
24/ 23		.3	.8															8	8	36	35
22/ 21			.8	.5														10	10	28	37
20/ 19			.4	.1														4	4	14	54
18/ 17		.1	.5															5	5	9	42
16/ 15			.3															2	2	7	31
14/ 13			.1															1	1	3	29
12/ 11			.3															2	2	1	28
10/ 9																				2	27
8/ 7																				1	18

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

FORM 0-26-5 (OL A) 84 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (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
6/ 5																					14
4/ 3																					13
2/ 1																					15
0/ -1																					4
-2/ -3																					5
-4/ -5																					6
-6/ -7																					1
TOTAL	4.7	16.7	29.7	23.4	16.8	5.1	1.8	1.8										732			730
																	730		730		

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.	2949948	44260	60.6	19.118	730							
Dry Bulb	1144523	28049	38.3	9.767	732		26.6	1.3	.9			93
Wet Bulb	885075	24533	33.6	9.117	730		43.4					93
Dew Point	566602	18096	24.8	12.724	730	1.8	67.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 74-81 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
72/ 71							.4											3	3		
64/ 63			.1	.1		.1												3	3		
62/ 61					.3	.1												3	3		
60/ 59		.3	.1			.1												4	4	6	1
58/ 57		.4	.4	.1		.4												10	10	1	1
56/ 55		.4	.1	.1														5	5	8	5
54/ 53		.3	.3	.4		.4												10	10	7	4
52/ 51	.1	.3	.4															6	6	6	9
50/ 49	.1	.4	.1	.1														6	6	6	2
48/ 47	.1	.8	1.0	.3	.1													17	17	12	7
46/ 45	.3	1.9	1.2			.1												26	26	12	10
44/ 43	.8	1.8	1.4	.7	.1	.1												36	36	33	14
42/ 41	.4	1.5	3.2	1.8														50	50	27	30
40/ 39	.4	1.5	1.9	1.2	.7													42	42	31	21
38/ 37	1.1	2.3	2.2	3.0	.1													64	64	47	25
36/ 35	1.2	2.7	3.0	3.0	.5													77	77	58	43
34/ 33	.4	1.6	4.0	2.5	.1													63	63	48	25
32/ 31		3.3	4.8	2.3	.1													77	77	61	34
30/ 29	.8	3.2	3.3	1.6														65	65	90	54
28/ 27		1.5	2.7	2.5														48	48	72	43
26/ 25	.4	1.0	2.5	.8														34	34	50	37
24/ 23		1.0	1.8	.3														22	22	44	39
22/ 21		.3	2.1	.3														19	19	39	44
20/ 19		.7	1.5															16	16	27	56
18/ 17		.7	.4															8	8	13	39
16/ 15		.5	.5															6	6	13	26
14/ 13			.1															1	1	7	30
12/ 11		.3																2	2	2	29
10/ 9		.5																4	4	3	32
8/ 7		.3																2	2	5	21
6/ 5																				1	12
4/ 3																					9
2/ 1																					6
0/ -1																					10

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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 — STATION
PATUXENT RIVER NAS MD — STATION NAME
74-81 — YEARS
JAN — MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-2/ -3																						5
-4/ -5																						4
-6/ -7																						2
TOTAL	6	3	29	42	39	22	21	2	2	1	2	2	1	5	.	4				729		729
																			729		729	

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.	3553982	49416	67.8	16.751	729							
Dry Bulb	953160	25442	34.9	9.466	729		38.8	.4				93
Wet Bulb	789497	23013	31.6	9.304	729		54.5					93
Dew Point	559363	18021	24.7	12.507	729	2.7	67.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 74-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69						.1	.1											2	2		
62/ 61			.3		.3		.1											5	5		
60/ 59		.1			.3													3	3	2	
58/ 57		.3		.3	.4													7	7	3	
56/ 55		.4	.5			.3												9	9	5	3
54/ 53		.5			.1	.4												8	8	4	5
52/ 51		.4		.1	.1													5	5	12	5
50/ 49	.5	.1	.1															6	6	9	10
48/ 47		1.1	.4	.3														13	13	4	5
46/ 45	.1	1.2	.3	.1														13	13	12	5
44/ 43	.3	3.7	.5	.1														34	34	19	13
42/ 41	.3	1.2	3.0	.7														38	38	34	18
40/ 39	1.8	1.2	2.2	1.2	.5	.1												52	52	35	38
38/ 37	1.1	3.4	2.6	1.4	.5													66	66	41	25
36/ 35	1.2	2.9	3.2	1.9														67	67	54	33
34/ 33	.3	1.5	4.0	1.6														54	54	57	25
32/ 31	.3	4.4	4.0	2.2														79	79	59	51
30/ 29	1.4	3.3	3.8	.5														66	67	75	54
28/ 27		2.1	2.6	2.2														50	50	61	29
26/ 25	.4	1.6	4.4	.5														51	51	64	42
24/ 23		.8	2.1	.5														25	25	43	38
22/ 21		1.2	1.8															22	22	52	89
20/ 19	.4	.5	1.9															21	21	25	53
18/ 17		.5	.4															7	7	16	34
16/ 15		1.1	.4															11	11	17	28
14/ 13		.4	.5															7	7	9	41
12/ 11																				6	17
10/ 9		.5																4	4	3	35
8/ 7		.3																2	2	5	15
6/ 5	.1																	1	1	2	17
4/ 3	.1																	1	1	1	7
2/ 1		.1																1	1	1	10
0/ -1																					10
-2/ -3																					7

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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (YEARS) JAN (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
-4/ -5																					5
-2/ -1																					2
-0/ -9																					1
TOTAL	8.4	35.2	39.0	13.8	2.3	1.0	.3												731		730
																		730		730	

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	≤ 92 F	Total
Rel. Hum.	3780485	51143	70.1	16.488	730							
Dry Bulb	891404	24538	33.6	9.632	731		48.4	.3				93
Wet Bulb	751159	22373	30.6	9.477	730		55.9					93
Dew Point	585596	17746	24.3	12.518	730	3.2	69.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 74-81 (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
76/ 75								.0										1	1		
74/ 73								.1										8	8		
72/ 71					.0		.1	.0										7	7		
70/ 69				.0		.0	.0											4	4		
68/ 67			.1															4	4		
66/ 65			.1			.1	.0	.0										9	9		
64/ 63		.1	.0	.0	.0	.0	.0											11	11	8	
62/ 61	.0	.1	.1	.0	.1	.1	.0											23	23	12	9
60/ 59	.0	.1	.0	.1	.1	.1	.0	.0										25	25	20	8
58/ 57	.1	.2	.2	.2	.1	.1	.0											52	52	19	10
56/ 55	.0	.4	.2	.1	.2	.1	.1											62	62	34	16
54/ 53	.0	.5	.3	.2	.2	.2	.0											84	84	47	28
52/ 51	.1	.4	.2	.2	.1	.2	.1	.0										75	75	61	50
50/ 49	.3	.5	.3	.2	.3	.2	.1											108	108	78	65
48/ 47	.2	1.0	.5	.4	.6	.2	.1											170	171	94	73
46/ 45	.3	1.1	.7	.3	.4	.4	.1											198	198	134	72
44/ 43	.4	1.7	1.0	.7	.8	.3	.0											287	287	156	113
42/ 41	.6	1.7	1.7	1.3	.8	.1												370	370	255	143
40/ 39	1.0	1.5	1.5	1.2	.8	.1												364	365	304	209
38/ 37	1.2	2.9	2.2	1.9	.4	.0												508	508	361	226
36/ 35	1.1	2.7	2.9	2.1	.4	.0												536	536	469	292
34/ 33	.9	2.4	3.0	2.0	.5													518	518	515	224
32/ 31	.8	3.4	3.7	2.1	.5													601	604	518	389
30/ 29	.7	2.1	2.5	1.2	.2													391	393	551	355
28/ 27	.3	1.8	2.2	1.4														334	334	457	344
26/ 25	.2	1.6	2.8	.7														314	315	418	353
24/ 23	.0	1.1	1.9	.2														191	191	354	235
22/ 21	.1	.8	1.6	.2														154	154	320	342
20/ 19	.1	.6	1.5	.0														132	132	179	455
18/ 17		.8	.7															86	87	125	315
16/ 15	.0	.7	.6															77	77	116	208
14/ 13	.0	.5	.3															51	52	82	244
12/ 11	.1	.4	.1															30	32	61	228
10/ 9		.4																22	22	41	224

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724060 STATION | PATUXENT RIVER NAS MD STATION NAME | 74-81 YEARS | JAN 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
-0 / 1		.4																9	9	20	148
-0 / 5	.0	.2																10	10	11	119
4 / 3	.0	.1																4	4	8	87
2 / 1	.0	.1																6	6	5	96
0 / -1	.1																	6	6	9	58
-2 / -3	.1																	7	7	7	47
-4 / -5																					36
-6 / -7																					27
-8 / -9																					11
-10/-11																					3
TOTAL	8.7	31.7	33.0	16.8	6.7	2.2	.6	.3										5899	5861	5899	5809

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	≤ 92 F	Total
Rel. Hum.	29110806	398836	68.2	18.099	5849							
Dry Bulb	7006736	203110	34.7	10.103	5861	1.7	309.1	3.0	1.1			744
Wet Bulb	6296241	183237	31.3	9.749	5849	2.0	417.5					744
Dew Point	4953328	143139	29.5	12.750	5849	23.2	508.9					744

FORM 0-26-5 (OL-A) 2414 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — FEB MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 67 / 65					.1	.1												2	2		
66 / 63			.1		.1													2	2		
62 / 61			.3		.1													5	5		
60 / 59			.1	.3	.1		.1	.4										8	8	1	
58 / 57				.4	.1	.3	.1											7	7	4	1
56 / 55				.4	.4	.3												8	8	2	
54 / 53			.1	.9	.3	.3	.4											14	14	3	3
52 / 51		.1	1.0	.1	.4	.4												15	15	4	
50 / 49	.1	.6	..	.4	.4		.3											13	13	13	6
48 / 47		.3	.1	.1	.3	.3												8	8	21	7
46 / 45	.3	1.2		.3	1.2	.3												22	22	16	13
44 / 43	.3	1.5	1.0	.4	.3													24	24	22	19
42 / 41		2.4	1.3	.1														26	26	15	10
40 / 39		3.0	1.2	.7	.5													35	36	33	11
38 / 37	1.0	3.7	2.5	.4	.6													56	56	48	27
36 / 35	.4	2.7	3.0	.4														44	44	38	41
34 / 33	.4	2.1	2.5	.7														39	39	51	34
32 / 31	.1	3.9	2.4	1.5														53	54	39	30
30 / 29	.3	3.6	3.9	1.5														62	62	51	37
28 / 27	1.0	5.1	9.0	1.0														62	62	48	51
26 / 25	.7	2.9	4.3	.4														53	54	66	44
24 / 23		1.2	2.1															22	22	59	26
22 / 21	.6	1.2	2.1															26	26	44	39
20 / 19	.4	2.4	1.9															32	32	25	44
18 / 17	.1	.6	.3															7	7	28	28
16 / 15	.5	.7	1.0															14	14	15	35
14 / 13		.3	.9															8	8	5	42
12 / 11			.3															2	2	18	38
10 / 9		.1																1	1	4	23
8 / 7																				3	12
6 / 5																					12
4 / 3																					10
2 / 1																					6
0 / -1																					4

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	≥ 95 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724060	PATUXENT RIVER NAS MD	73-80	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-2 / -3																					4
-4 / -5																					2
-6 / -7																					4
-8 / -9																					1
-10 / -11																					1
-12 / -13																					1
TOTAL	6.4	37.3	37.0	10.6	5.1	2.1	1.0	.4										668	671	668	668

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	3393183	45953	68.8	24.518	668							
Dry Bulb	856893	22023	33.7	10.520	671		93.1					85
Wet Bulb	694598	20389	30.5	9.662	668		99.9					84
Dew Point	478613	18258	27.3	12.092	668	2.1	82.9					85

USAFETAC FORM 0-30-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724080 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | FEB MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65					.3	.1												3	3		
64/ 63			.1															1	1		
62/ 61		.1	.3	.3														5	5		
60/ 59					.1	.1	.3	.1										5	5	4	
58/ 57				.3	.3	.3												7	7	5	3
56/ 55		.1			.4	.1												5	5	1	1
54/ 53			.3	.1	.3	.1	.1											7	7	1	4
52/ 51			1.0	.3	.3													11	11	4	2
50/ 49		.1	.4	.4	.6	.3												13	13	6	1
48/ 47		.4		.7	.1													9	9	18	2
46/ 45	.4	.9	.3	.6	.6	.3												21	21	14	16
44/ 43	.4	.1	.7	.3	.3													13	13	16	9
42/ 41	.4	3.6	.9	.9	.3													41	41	25	13
40/ 39	.1	3.3	.7	.6	.1													33	33	29	17
38/ 37	.1	3.6	1.2	.6	.3													39	40	41	26
36/ 35	.1	3.6	2.7	.9														53	53	37	38
34/ 33	.4	3.4	3.4	1.0														56	56	48	30
32/ 31		3.6	2.4	1.2														48	48	51	33
30/ 29	.3	2.7	3.1	.7	.1													47	47	51	35
28/ 27	1.0	4.5	2.8	.4														59	60	49	48
26/ 25	.3	2.7	3.9	.6														50	50	62	51
24/ 23	.6	1.6	2.8															34	34	40	27
22/ 21	.1	2.4	1.0															24	24	54	42
20/ 19	.6	1.9	2.7															35	35	37	42
18/ 17		1.8	.6															16	16	17	31
16/ 15	.3	.9																8	8	25	30
14/ 13		1.6	.4															14	14	9	34
12/ 11		.3	.7															7	7	11	42
10/ 9			.1															1	1	4	28
8/ 7		.3	.1															3	3	7	11
6/ 5																				2	9
4/ 3																					15
2/ 1																					9
0/ -1																					6

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2/ -3																					4
-4/ -5																					3
-6/ -7																					2
-8/ -9																					1
-10/-11																					1
-12/-13																					2
-14/-15																					
Totals	6.1	43.9	33.4	10.2	4.3	1.5	.4	.1										668	670	668	668

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.	3486433	47089	70.5	15.824	668							84
Dry Bulb	789746	21866	32.6	10.658	670		43.5					84
Wet Bulb	656515	19867	29.7	9.923	668		52.7					84
Dew Point	470604	15720	23.5	12.285	668	2.4	63.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
68/ 65			.1		.1														2	2		
64/ 63			.1	.3	.1														4	4		
62/ 61			.1	.1															2	2	1	
60/ 59							.4												3	3	2	1
58/ 57				.3															2	2	3	1
56/ 55		.1	.4	.4	.3	.1													10	10	5	2
54/ 53	.1	.1	.3	.1		.3													7	7	1	2
52/ 51		.6	.6		.1	.1													10	10	8	3
50/ 49	.3	.1	.1	.1	.7														10	10	13	9
48/ 47	.1	.9	.6	.4	.3														16	16	8	6
46/ 45		.7	.4	.7	.4	.1													17	17	11	7
44/ 43		1.8	.4	.6		.1													20	20	16	11
42/ 41		2.4	.6	.4	.3														25	25	29	15
40/ 39	.3	2.4	1.2	.7															31	31	27	19
38/ 37	.3	4.2	1.6	.9	.4														50	50	30	23
36/ 35	.4	3.1	2.4	.3	.6														46	46	39	27
34/ 33	.6	4.3	3.6	.1															58	58	59	33
32/ 31	.3	3.1	4.5	.4															56	56	45	39
30/ 29	.4	2.2	3.3	.4															43	43	50	42
28/ 27	.6	3.1	2.7	.7															48	48	51	41
26/ 25	.6	3.6	4.2																56	56	55	35
24/ 23		2.4	1.8																28	28	48	35
22/ 21	.1	2.7	1.8																35	35	51	34
20/ 19	.4	2.7	2.2	.1															37	37	36	46
18/ 17		1.8	1.2																15	16	22	40
16/ 15	.1	.7	.1																7	7	20	38
14/ 13		.7	.1																6	6	9	34
12/ 11	.1	1.8	.4																16	16	7	30
10/ 9	.1	.1	.1																3	3	14	24
8/ 7	...	.7	...																5	5	5	18
6/ 5																					5	10
4/ 3																						12
2/ 1																						8
0/ -1																						6

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-2/ -3																					6
-4/ -5																					2
-6/ -7																					1
-8/ -9																					2
-10/-11																					3
-14/-15																					3
TOTAL	5.8	46.1	35.5	7.8	3.6	.9	.4											668	669	668	668

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.	3572575	47755	71.5	25.420	668							
Dry Bulb	766952	21488	32.1	10.720	669		49.7					84
Wet Bulb	647752	19666	29.4	10.155	668		52.6					84
Dew Point	473276	15676	23.5	12.571	668	2.9	64.0					84

USAFETAC FORM 25 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
76/ 75								.2										1	1		
72/ 71							.3											2	2		
70/ 69					.2	.2		.2										3	3		
68/ 67						.3												2	2		
66/ 65				.2	.3				.5									6	6		
64/ 63				.3	.2	.2												4	4		
62/ 61			.2		.2	.3	.3	.6										10	10	5	
60/ 59		.2		.3	.5	.3	.5	.3										13	13	5	
58/ 57			.3		.3		.2	.2										6	6	8	1
56/ 55		.2	.2	.8	.3	.5	.5											15	15	3	4
54/ 53	.2	.3	.3				.6	.3										11	11	10	6
52/ 51		.6	.9	.5	.5	.6	.6											24	24	9	6
50/ 49	.2	.5	.9	.3	.2	.6	.3											19	19	20	8
48/ 47		1.2	.8	.5	1.4	.6	.2											30	30	21	11
46/ 45	.2	1.2	.5	.8	2.4	.9	.3											41	41	24	14
44/ 43		1.5	.5	1.2	1.1	.5												31	31	25	18
42/ 41	.3	.9	.5	1.7	1.4	.3												33	33	28	24
40/ 39	.3	.8	1.5	1.1	1.2	.2												37	37	36	15
38/ 37		1.8	.9	1.7	1.1													56	56	39	14
36/ 35	.3	2.0	1.5	3.5	.6													52	52	49	20
34/ 33	.5	1.7	1.4	2.7	.3													43	43	49	26
32/ 31	.3	2.4	3.0	3.8	.8													68	69	42	34
30/ 29		.3	2.4	2.3														33	33	52	34
28/ 27	.8	1.2	2.3	1.1	.2													40	40	49	43
26/ 25	.8	1.1	3.0	1.1														39	39	57	43
24/ 23		.5	1.4	.3														14	14	45	34
22/ 21		.5	1.2	.2														12	12	32	25
20/ 19		.9	1.1	.2														14	14	19	53
18/ 17		.2	.9															7	7	12	39
16/ 15		.2	.6															5	5	6	33
14/ 13		.2	.6															5	5	8	32
12/ 11																				3	29
10/ 9		.3																2	2	4	30
8/ 7		.2																1	1	2	18

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 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
[illegible] 5																				1	9
[illegible] 3																					7
[illegible] 1																					7
[illegible] -1																					7
-[illegible] -3																					4
-[illegible] -5																					1
-[illegible] -7																					5
-[illegible] -9																					3
-11/-11																					1
-15/-17																					1
TOTAL	3.	62	0.	52	6.	72	5.	31	2.	7	5.	3	3.	6	1.	7	.5		660.		659
																		659		659	

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.	2635291	39783	60.4	18.844	659							
Dry Bulb	1037520	25024	37.9	11.591	660		30.7	1.0	.1			84
Wet Bulb	793020	21834	33.1	10.286	659		42.3					84
Dew Point	503025	16015	24.3	13.153	659	2.8	62.7					84

USAFETAC FORM 0-26-5 (OL A) 79 YRS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72[illegible]0 — STATION
PATUXENT RIVER NAS MD — STATION NAME
73-80 — YEARS
FEB — MONTH

PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77									.2	.3								3	3		
76/ 75								.3	.3									4	4		
74/ 73							.2	.5				.2						5	5		
72/ 71									.2	.2	.2	.2						4	4		
7[illegible]/ 69										.2	.2							2	2		
68/ 67				.2	.2		.5		.2	.2								7	7		
66/ 65					.2	.2		.5	.2									6	6		
64/ 63				.2			.2	.3	.5									7	7		
62/ 61		.2					.2	.5	.5									8	8	9	1
60/ 59		.2				.5	.6	.8										13	13	5	1
58/ 57		.2			.9	.2	.2	.8	.3	.2								17	17	5	
56/ 55		.3		.6	1.1	.9	.6		.2									24	24	6	3
54/ 53	.2	.8	.2	.5	.8	.9	.5	.9										30	30	4	5
52/ 51	.2	.5	.2	.2	.3	.5	.8	.2										17	17	20	7
50/ 49	.3	.3	.2	.9	.9	1.7	.3											30	30	22	12
48/ 47		.9	.8		.8	1.5	.9	.3										34	34	25	5
46/ 45		1.1	.5	.3	2.4	.5	.3											33	33	31	13
44/ 43	.2	.8	.6	1.1	1.1	1.4												33	33	31	10
42/ 41		.5	.6	.9	2.6	1.4												39	39	28	21
40/ 39	.2	.9	.9	.6	2.7	.8												40	40	47	19
38/ 37	.5	1.2	2.0	1.7	2.0	.3												49	49	43	20
36/ 35		1.1	1.5	2.4	2.9	.2												53	53	40	19
34/ 33	.2	.9	.9	2.1	1.2													35	35	50	36
32/ 31	.3	1.2	2.9	3.6	1.5	.3												65	66	57	24
30/ 29	.8	.2	1.2	2.9	.6													37	37	52	25
28/ 27	.5	.8	.9	.9														20	20	56	64
26/ 25		1.1	1.4	.8														21	21	47	37
24/ 23	.2	.5	.2	.5														8	8	42	25
22/ 21			.3															2	2	15	27
20/ 19			1.2															8	8	6	63
18/ 17																			1	7	40
16/ 15			.5															3	3	6	26
14/ 13																					34
12/ 11		.3																2	2	3	41

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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
[illegible] 4		.2																1	1	2	22
[illegible] 7																				1	21
6/ 5																					6
4/ 3																					11
1/ 1																					4
0/ -1																					5
-2/ -3																					6
-4/ -5																					1
-6/ -7																					5
-10/-11																					1
TOTAL	5.0	13.6	16.7	20.2	22.0	10.9	5.0	4.8	2.3	.9	.3	.3						660	662	660	660

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	≥ 90 F	≥ 93 F	Total
Rel. Hum.	2136862	35182	53.3	19.918	660							
Dry Bulb	1242502	27552	41.6	12.039	662		21.4	3.2	1.5			84
Wet Bulb	884731	23259	35.2	9.936	660		37.4					84
Dew Point	497343	16039	24.3	12.776	660	2.3	62.1					84

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77									.1	.4								4	4		
76/ 75									.1	.1								2	2		
74/ 73										.1	.5	.1	.1					5	5		
72/ 71							.1					.1						2	2		
70/ 69						.3		.1										3	3		
68/ 67							.1	.3	.1									4	4		
66/ 65			.1		.1			.3	.3	.3								8	8		
64/ 63		.1						.4	.9	.1								11	11		
62/ 61							.3	.1	.7									8	8	6	
60/ 59		.3		.3	.4	.3	.1	.1		.4								14	14	5	2
58/ 57		.3		.1	.4			.6										10	10	6	2
56/ 55		.3	.4		.4	.3	.6											14	14	3	2
54/ 53	.3	.4	.6	.3	.6	.4	.4	.6										25	25	11	7
52/ 51	.1	.1	.1	.1	1.0	.9	.1											18	18	17	6
50/ 49		.1	.6	.4	1.3	.7	.1											23	23	16	5
48/ 47		1.0	.3	.9	2.2	1.6	.6											45	45	25	9
46/ 45		1.5	1.2	.7	1.0	1.5												40	40	27	8
44/ 43		.6	.6	1.2	.6	1.5												30	30	32	22
42/ 41		1.0	.7	1.5	1.8	2.1												48	48	39	9
40/ 39	.1	1.2	.7	2.2	2.2	.6												48	48	44	21
38/ 37	.3	1.3	.6	1.8	2.4	.3												45	45	43	17
36/ 35	.1	.9	1.8	1.6	2.8													49	50	39	33
34/ 33	.4	1.9	1.2	1.9	1.6													48	48	58	28
32/ 31		1.3	3.0	2.7	2.7													65	65	62	31
30/ 29	.9	.9	.7	2.2	.7													37	37	54	30
28/ 27	.3	1.2	1.6	1.5	.3													33	33	61	59
26/ 25			.3	.4														5	5	43	40
24/ 23		.3	.1															3	3	37	28
22/ 21	.6		.3	.3														8	8	20	47
20/ 19		.1	.9															7	7	3	51
18/ 17			.3															2	2	7	33
16/ 15			.1															1	1	4	30
14/ 13		.3																2	2	2	40
12/ 11		.1																1	1	3	37

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (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
100/ 9																			1	18
80/ 7																				21
60/ 5																				3
40/ 3																				4
20/ 1																				9
0/ -1																				9
-20/ -3																				4
-40/ -5																				3
TOTAL	3.3	15.7	16.6	20.5	23.1	10.6	2.7	2.7	2.4	1.6	.3	.3	.1				668	669	668	668

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.	2285383	36687	54.9	20.139	668							
Dry Bulb	1228523	27611	41.3	11.540	669		20.6	2.5	1.4			84
Wet Bulb	885410	23468	35.1	9.558	668		37.3					84
Dew Point	507618	16478	24.7	12.314	668	2.0	62.5					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — FEB MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
71/ 69						.2		.2										2	2		
69/ 67					.2	.2					.2							3	3		
67/ 65						.2	.3			.2								4	4		
65/ 63					.2	.2	.2		.2									4	4		
63/ 61		.2		.2				.5										5	5		
61/ 59		.5		.2	.3	.2	.3	.2										10	10	4	1
59/ 57		.2			.2	.3		.8										9	9	4	2
57/ 55		.4	.4		.3	.2	.8		.2									11	11	4	2
55/ 53	.2	.6	.2		.2	.2		.2										9	9	6	3
53/ 51		.3	.9	.3	.3	.2	.3											15	15	9	7
51/ 49		.6	.2	.5		.5	.2											12	12	5	1
49/ 47	.2	.5	.8	.5	.8	.5												20	20	21	11
47/ 45		1.5	.9	.9	.6	.6												30	30	21	11
45/ 43	.6	1.5	1.8	1.5	.5													39	39	26	16
43/ 41	.2	1.5	2.0	1.4	.8	.2												59	59	27	14
41/ 39	.5	2.4	1.8	2.7	.5													52	52	50	20
39/ 37	.2	2.3	1.4	1.8	.8													42	42	43	25
37/ 35	.3	.5	3.0	3.2	.2													47	47	38	33
35/ 33	.5	3.0	1.8	2.7	.2													54	54	47	28
33/ 31		2.1	3.5	3.5	.6													63	63	49	29
31/ 29	.6	1.8	3.6	3.3														62	62	59	32
29/ 27	.5	1.5	2.9	2.6														49	49	55	37
27/ 25	.2	1.7	2.7	1.4														39	40	68	46
25/ 23		.8	.8	.3														12	12	50	38
23/ 21	.2	.5	.5	.2														8	8	37	26
21/ 19	.3	.8	.6	.3														14	14	13	29
19/ 17			.6	.2														5	5	9	38
17/ 15	.2	.2	.3															4	4	8	42
15/ 13		.2	.2															2	2	6	32
13/ 11																				3	32
11/ 9																				1	16
9/ 7																					16
7/ 5																					11
5/ 3																					2

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PAXUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
2/ 1																						3
-1/ -1																						7
-3/ -3																						4
-5/ -5																						4
-7/ -7																						2
-9/ -9																						2
-11/-11																						2
-14/-15																						1
TOTAL	4.2	24.8	30.1	27.9	6.2	3.2	2.0	1.7	.3	.2	.2								665	666	665	665

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2903331	42173	63.4	18.543	665							
Dry Bulb	975230	24598	36.9	10.290	666		32.7	.6				84
Wet Bulb	786977	21721	32.7	9.306	665		48.2					84
Dew Point	503535	16355	24.6	12.352	665	2.8	62.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) FEB (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
64/ 63					.5	.3	.2	.2										7	7		
62/ 61				.2			.3	.2										4	4		
60/ 59		.3		.2			.5	.2										7	7	1	
58/ 57				.8	.3	.6	.3	.6										17	17	2	2
56/ 55		.2	.3	.6		.3	.9											15	15	3	
54/ 53		.2	.5		.3	.2	.2											8	8	5	
52/ 51	.2	.2	.3	.5	.2	.5	.3											12	12	12	4
50/ 49		.3		.2	.2	.2												5	5	11	4
48/ 47	.2	.8	.6	.5		.2												14	14	18	11
46/ 45	.2	1.5	.3	.6	.5	.3												22	22	19	15
44/ 43	.5	2.1	.9	1.4	.3													34	34	29	17
42/ 41	.2	1.7	2.3	1.4	.6													40	40	21	10
40/ 39	.3	2.1	2.4	1.5		.3												44	44	28	22
38/ 37	.9	2.7	2.1	.9	.5													46	46	55	23
36/ 35		1.8	2.1	.9	.2													33	33	45	33
34/ 33	.6	2.1	3.5	.6														45	45	45	35
32/ 31		3.3	4.5	2.6														69	69	36	32
30/ 29	.6	2.4	5.4	1.8														68	68	56	38
28/ 27	.6	1.4	2.3	1.8														40	40	54	61
26/ 25	.3	1.8	2.9	.6														37	37	64	33
24/ 23		1.8	2.4	.5														31	31	46	32
22/ 21		2.4	.9	.5														25	25	43	38
20/ 19	.5	2.0	.8															21	21	35	37
18/ 17		.3	.9															8	8	16	39
16/ 15			1.2															8	8	5	34
14/ 13			.3															2	2	9	49
12/ 11			.2															1	1	4	26
10/ 9		.3																2	2	2	15
8/ 7																				3	13
6/ 5																					9
4/ 3																					6
2/ 1																					6
0/ -1																					8
-2/ -3																					1

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | FEB MONTH

PAGE 2 | 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
-4/ -5																						3
-6/ -7																						8
-8/ -9																						5
TOTAL	9.8	31.9	30.8	17.9	5.4	2.7	2.0	1.1												665		665
																			665		665	

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.	3187523	44587	67.0	17.270	665							
Dry Bulb	895696	23366	35.1	10.606	665		39.4					84
Wet Bulb	723225	20983	31.6	9.596	665		47.1					84
Dew Point	497706	16309	24.5	12.159	665	2.7	61.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74400U — STATION
PATUXENT RIVER NAS MD — STATION NAME
73-80 — YEARS
FEB — 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					
78/ 77									.0	.1								7	7			
76/ 75								.1	.1	.0								7	7			
74/ 73							.0	.1		.0	.0	.0	.0					10	10			
72/ 71							.1		.0	.0	.0	.0						8	8			
70/ 69						.0	.1		.1		.0	.0						10	10			
68/ 67					.0	.0	.1	.1	.0	.0	.0							16	16			
66/ 65				.0	.0	.2	.1	.0	.1	.1								31	31			
64/ 63			.0	.1	.1	.1	.1	.1	.2	.0								40	40			
62/ 61		.1	.1	.1	.0	.0	.1	.2	.2									45	45	19	1
60/ 59		.2	.0	.2	.2	.2	.4	.3		.1								73	73	25	5
58/ 57		.1	.1	.2	.3	.2	.1	.4	.0	.0								75	75	37	12
56/ 55		.2	.2	.4	.4	.3	.4		.0									102	102	25	14
54/ 53	.1	.3	.3	.2	.3	.3	.3	.2										111	111	43	30
52/ 51	.1	.3	.6	.2	.4	.4	.3	.0										122	122	83	35
50/ 49	.1	.3	.3	.4	.5	.5	.2											125	125	106	46
48/ 47	.1	.8	.5	.5	.7	.6	.2	.0										176	176	157	62
46/ 45	.1	1.2	.5	.6	1.1	.6	.1											226	226	163	97
44/ 43	.2	1.2	.8	1.0	.5	.4												224	224	197	122
42/ 41	.1	1.7	1.1	1.0	1.0	.5												291	291	212	116
40/ 39	.2	2.0	1.3	1.4	.9	.2												320	321	294	144
38/ 37	.4	2.6	1.5	1.2	1.0	.1												363	364	340	175
36/ 35	.5	2.0	2.3	1.7	.9	.0												377	378	325	244
34/ 33	.5	2.4	2.3	1.9	.4													378	378	407	250
32/ 31	.1	2.6	3.3	2.4	.7	.0												487	490	381	262
30/ 29	.5	1.8	3.0	1.9	.2													389	389	425	273
28/ 27	.7	2.1	2.4	1.3	.1													351	352	423	424
26/ 25	.4	1.8	2.8	.7														300	302	462	329
24/ 23	.1	1.1	1.4	.2														152	152	367	245
22/ 21	.5	1.2	1.0	.1														140	140	296	278
20/ 19	.5	1.4	1.4	.1														168	168	174	385
18/ 17	.0	.5	.6	.0														60	62	118	288
16/ 15	.1	.3	.5															50	50	89	268
14/ 13		.4	.3															39	39	48	297
12/ 11	.0	.3	.2															29	29	44	275

Element (X)	$\bar{X}_T$	S_X	$\bar{X}$	r_a	No. Obs.	Mean No. of Hours with Temperature						
Sat. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 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
110/ 9	.0	.1	.0															10	10	32	176
8/ 7		.2	.0															9	9	21	130
6/ 5																				8	69
4/ 3																					67
2/ 1																					54
0/ -1																					52
-2/ -3																					33
-4/ -5																					16
-6/ -7																					24
-8/ -9																					15
-10/-11																					9
-12/-13																					2
-14/-15																					6
-16/-17																					1
TOTAL	4.7	29.2	29.1	17.4	10.0	4.6	2.2	1.6	.7	.3	.1	.1	.0					5321		5332	5321
																			5321		

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	≤ 92 F	Total
Rel. Hum.	2155058A1	319209	61.7	19.029	5321							
Dry Bulb	7772862	194080	36.4	11.529	5332		276.3	7.3	3.0			672
Wet Bulb	6U42229	171187	32.2	10.026	5321		364.7					672
Dew Point	3931720	120938	24.2	12.469	5321	20.0	581.1					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAR MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
7[illegible] / 77									.1										1	1		
[illegible]4/ 73								.3											2	2		
[illegible]/ 71				.1															1	1		
[illegible]/ 69				.1	.5	.1	.1												7	7		
6[illegible]/ 67				.1	.3	.5	.3												9	9		
[illegible]/ 65						.5													4	4	1	
[illegible]4/ 63		.1	.1		.1	.3													5	5	2	
[illegible]2/ 61			.1		.4	.1													5	5	8	1
[illegible]/ 59	.1	.4	.8	.4		.4													16	16	7	3
[illegible]/ 57		.5	.5	.4															11	11	9	8
5[illegible]/ 55	.3	.1	.7	.4	.3		.1												18	18	23	8
[illegible]4/ 53	.4	.3	1.6	.1	1.1	.7													31	31	12	9
[illegible]2/ 51		1.0	1.5	.5	.5	.4	.1												30	30	10	14
5[illegible]/ 49	.5	1.8	2.7	1.1	.1	.4													44	44	34	23
4[illegible]/ 47	1.6	5.3	2.6	2.0	1.0	.5	.3												98	98	47	35
4[illegible]/ 45	.4	2.6	3.0	1.4	1.5														65	65	74	59
[illegible]/ 43		4.2	1.2	2.0	1.8	.1													69	69	61	38
[illegible]/ 41	.1	1.8	2.2	1.6	2.3														59	59	55	31
4[illegible]/ 39	.3	1.2	2.9	2.3	.5														53	53	57	45
3[illegible]/ 37	1.4	2.2	1.8	1.6	.5														55	55	75	59
[illegible]/ 35	.5	2.0	1.5	1.4	.4														43	43	67	40
3[illegible]/ 33	.5	1.4	.7	1.1	.1														28	28	51	46
[illegible]/ 31	.4	1.0	2.2	.1															31	31	39	52
[illegible]/ 29		.7	1.8	.4															21	21	27	38
2[illegible]/ 27		.7	.4	.3															10	11	32	31
2[illegible]/ 25			.4	.1															4	4	17	44
24/ 23		.3	.3																4	4	7	34
[illegible]/ 21		.4	.4																6	6	8	20
[illegible]/ 19	.4		.3																5	5	9	39
1[illegible]/ 17			.1																1	1	2	23
16/ 15																					2	9
14/ 13																						8
1[illegible]/ 11																						4
10/ 9																						4

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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAR MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
< /	/																					5
/	>																					1
4 /	3																					3
/	1																					2
TOTAL		7.	12	7.	9	29.	11	8.	3	11.	5	4.	2	1.	5	.	3	.	1	736.	737	736.	736

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.	3916954	52160	70.9	17.316	736							
Dry Bulb	1479228	32284	43.8	9.400	737		10.5	2.5	.4			93
Wet Bulb	1228490	29360	39.9	8.828	736		18.1					93
Dew Point	956536	25229	34.3	11.192	736		40.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.1	.3														3	3		
66/ 65			.1	.6	.6	.5												11	11		
64/ 63			.1	.1	.4	.6												9	9	2	
62/ 61		.3	.6	.1	.1													8	8	3	1
60/ 59		.7	.4	.1														9	9	8	3
58/ 57	.3	.4	.1	.3		.3												10	10	15	11
56/ 55	.3	.4	.4	.3	.4	.1												14	14	17	10
54/ 53	.3	.8	.6	.1	1.0	.3												26	26	9	9
52/ 51	.1	2.1	.8	.4	1.1	.1	.1											35	35	15	8
50/ 49	.3	1.8	1.1	.6	.6	.3	.3											35	35	25	23
48/ 47	.8	4.6	1.4	1.0	1.1	.4												67	67	43	33
46/ 45	.8	3.9	1.8	1.5	.6													62	62	62	48
44/ 43	.1	5.7	1.5	1.7	.8													71	71	56	33
42/ 41	.8	1.4	3.5	3.2	.1													68	68	61	42
40/ 39	.4	1.1	1.8	2.1	1.2													48	48	47	50
38/ 37	.7	3.2	2.1	2.1	.6													62	62	63	35
36/ 35	.4	2.6	2.2	1.5														49	49	69	36
34/ 33	1.0	1.7	.4	1.5	.4													36	36	67	53
32/ 31	.4	2.1	1.2	.4														30	30	36	56
30/ 29	.1	1.9	2.1	.5														32	32	34	43
28/ 27		.4	1.2															12	12	35	39
26/ 25		.1	1.0															8	8	22	40
24/ 23		.1	.7															6	6	12	25
22/ 21	.1																	1	1	8	27
20/ 19	.4		.8															9	9	6	31
18/ 17		.1	.5															3	3	4	20
16/ 15																				3	13
14/ 13																				2	13
12/ 11																					6
10/ 9																					5
8/ 7																					3
6/ 5																					2
4/ 3																					4
2/ 1																					2

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72400 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAR (MONTH)

PAGE 2 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					
TOTAL	7.	535.	426.	218.	6	9.5	2.3	.4											724	724	724	724

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4085565	55025	75.2	16.722	724							93
Dry Bulb	1364066	30698	42.4	9.294	724		13.0	.4				93
Wet Bulb	1157356	28202	39.0	9.018	724		20.8					93
Dew Point	923649	24507	33.8	11.408	724		42.3					93

FORM AS-54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724 ;40 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAR 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
6 / 67			.1	.1		.3												4	4		
6 / 65			.1	.4	.7													9	9		
4 / 63		.1	1.1	.1	.7	.1												16	16	1	
2 / 61		.6	.6	.1	.4													12	12	5	
0 / 59		.4	.4	.4	.1	.1												11	11	16	6
5 / 57		.3	.4		.1	.1												7	7	15	14
5 / 55	.6		.1	.6	.6													13	13	15	11
4 / 53	.4	1.5	.4	.3	.8	.3	.1											28	28	10	9
2 / 51		1.8	1.1	1.0	.7	.1												34	34	20	11
5 / 49		3.5	1.5	1.2	.7													50	50	19	30
3 / 47	1.4	3.6	1.0	1.2	.6	.3												58	58	56	32
4 / 45	.8	3.9	1.1	1.9	1.0	.6												67	67	61	44
4 / 43	.4	4.1	1.5	1.8	.8													63	63	50	37
2 / 41	.8	1.7	2.6	2.5	1.0	.1												63	63	57	46
4 / 39	.8	1.9	2.2	2.8	.6	.1												61	61	52	40
3 / 37	1.0	2.1	2.4	1.9	.6													57	57	65	38
5 / 35	.3	2.4	1.8	1.1	.1													41	41	67	45
34 / 33	.7	1.7	1.2	1.1	.1													35	35	57	46
2 / 31	.7	1.1	.8	1.4														29	29	42	56
5 / 29		1.9	1.4	.3														26	26	27	33
2 / 27		1.1	.8	.1														15	15	31	41
2 / 25		.1	.6															5	5	26	37
2 / 23			.7															5	5	10	29
2 / 21		.1	.1															2	2	5	25
2 / 19	.1	.1	.7															7	7	5	22
1 / 17	.1		.1															2	2	3	10
1 / 15		.1	.3															3	3	6	23
1 / 13																				2	15
1 / 11																					11
1 / 9																					4
0 / 5																					2
0 / 1																					6
TOTAL	6.2	34.2	25.3	20.5	9.5	2.2	.1											723		723	
																			723		723

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.	4092239	52993	73.3	16.976	723							
Dry Bulb	1397209	31033	42.9	9.502	723		12.1	.5				93
Wet Bulb	1188621	28539	39.5	9.274	723		20.2					93
Dew Point	953332	24842	34.4	11.755	723		40.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAR 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/ 77							.3											2	2		
76/ 75						.1		.1										2	2		
74/ 73					.1	.1		.1			.1							4	4		
72/ 71					.3		1.5	.1	.1									15	15		
7_/ 69				.1	.1	.4	.1											6	6		
68/ 67			.3	.4	.1	.5	.1	.1		.1								13	13		
66/ 65			.4	.8	.5	.1	.3	.3	.1									17	17	4	
64/ 63			.1	.1	.4	.3	.5	.1	.3									14	14	6	
62/ 61				.4	.8	.4	.5	.1										17	17	14	4
60/ 59			.5	.4	.5	.7	.3	.7		.1								24	24	18	5
58/ 57		.4	.7	.5	.7	1.0	.7	.3	.1									32	32	10	10
56/ 55	.4	1.5	1.1	.8	.8	1.2	.4	.4										49	49	28	11
54/ 53		1.4	1.2	1.1	1.6	.7	.8											50	50	28	16
52/ 51	.5	2.2	.7	1.2	1.5	1.2	.7	.1										60	60	38	33
50/ 49	1.0	1.6	1.1	1.1	1.4	1.9	.7											64	64	59	41
48/ 47	1.2	1.5	1.0	1.0	2.3	1.1	.4											62	62	55	53
46/ 45	.5	1.4	1.1	1.2	3.0	1.5												64	64	61	24
44/ 43	.1	1.6	1.6	1.0	2.9	.8												59	59	52	22
42/ 41	.1	1.6	1.6	1.9	1.1	.5												49	49	57	35
40/ 39	.5	.4	.3	1.0	1.0													23	23	71	53
38/ 37	.3	.7	.5	.8	1.2													26	26	64	42
36/ 35	.1	1.2	.1	.7	.5													20	20	47	33
34/ 33	.3	.3		.8	.5													14	14	31	41
32/ 31		.3	.3	1.1	.1													13	13	20	43
30/ 29	.1	.1	.5	.5														14	14	17	32
28/ 27		.1		.3														1	1	20	47
26/ 25			.3	.1														3	3	14	38
24/ 23																				6	31
22/ 21			.3															2	2	3	28
20/ 19		.4	.1															4	4	2	16
18/ 17			.3															2	2	3	19
16/ 15																				1	19
14/ 13																				2	15
12/ 11																					8

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 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
10 / 9																					5
8 / 7																					4
6 / 5																					2
4 / 3																					5
TOTAL	5.3	17.9	14.2	17.5	21.5	12.4	7.4	2.6	.7	.3	.1							731			731
																		731		731	

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.	3125975	45469	62.2	20.196	731							
Dry Bulb	1819643	35685	48.8	10.312	731		5.7	5.3	1.0			93
Wet Bulb	1410215	31383	42.9	9.282	731		11.2					93
Dew Point	1014125	25723	35.2	12.217	731		39.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83										.1								1	1		
82/ 81								.1	.3	.1								4	4		
80/ 79								.4	.1	.3								6	6		
78/ 77							.1	.1	.1	.1								4	4		
76/ 75								.4	.5	.1								6	6		
74/ 73							.1	.1	.4	.3								7	7		
72/ 71						.3	.5			.1								7	7		
70/ 69					.1	.1			.3	.3								6	6		
68/ 67				.1	.1	.7	.5	.3	.4	.3	.1							19	19	1	
66/ 65			.1	.4	.3	.1	.1	.1	.4	.7								17	17	8	
64/ 63		.1	.3	.4	.3	.4	.5	.8	.5	.3								25	23	3	
62/ 61		.3	.1	.5	1.0	.5	1.1	.4	.3	.1								32	32	22	
60/ 59	.1		.4	.5	1.0	1.1	1.0	.8	.4									39	39	9	5
58/ 57	.3	.4	.5	1.0		1.4	1.2	.5	.4									42	42	23	15
56/ 55		1.4	1.2	1.6	1.1	.8	1.1	1.1	.1									62	62	17	6
54/ 53		1.0	1.1	.5	2.0	2.0	1.2	.5										62	62	42	15
52/ 51	.5	2.2	.8	.7	1.1	2.0	2.2	.4										73	73	46	35
50/ 49	.1	1.9	.7	1.2	2.3	2.3	1.0											70	71	65	36
48/ 47	.1	3.0	.8	.7	3.0	2.2	.7											77	77	72	44
46/ 45	.1	1.0	.7	1.4	1.6	.5	.3											41	41	62	44
44/ 43		1.1	.7	1.1	.3	1.0	.1											31	31	66	30
42/ 41	.1	.1	.5	.5	.8	.4												19	19	72	21
40/ 39	.1	.3	.1	.3	1.4	.4												23	25	72	48
38/ 37	.1			.1	.4	.1												6	6	47	47
36/ 35	.3	.8		.3	.3													12	12	17	20
34/ 33		.1	.1	.8	.3	.1												11	11	23	50
32/ 31		.7	.3	1.4	.1													18	18	14	52
30/ 29		.8		.1														7	7	13	44
28/ 27				.1														1	1	18	40
26/ 25																				11	28
24/ 23																				3	36
22/ 21																					20
20/ 19		.5	.3															6	6		25
18/ 17																				4	19

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	≥ 90 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																				2	15
14/ 13																					15
12/ 11																					7
10/ 9																					9
8/ 7																					3
6/ 5																					1
4/ 1																					2
TOTAL	2.6	15.7	8.9	13.9	17.5	16.7	11.6	6.3	3.8	2.9	.1								733		732
																		732		732	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2614181	40921	55.9	21.136	732							
Dry Bulb	208/500	38174	52.1	10.417	733		4.1	7.6	3.6	1.3		93
Wet Bulb	1510606	32626	44.6	8.786	732		8.3	.1				93
Dew Point	1006760	25664	35.1	12.097	732		40.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
82/ 81								.1	.4	.1									5	5		
80/ 79								.1		.4	.1								5	5		
78/ 77										.3									2	2		
76/ 75									.1	.3									3	3		
74/ 73											.1								1	1		
72/ 71							.1				.3								3	3		
70/ 69				.1	.1	.1	.3	.1	.3										8	8		
68/ 67					.1	.3	.3		.5	.1									10	10	1	
66/ 65				.3	.1	.7	.4	.1	.3	.3									16	16	4	
64/ 63			.1	.5	.8	.7	.5	.1	.4	.8									30	30	3	
62/ 61		.4	.5	.5	.3	.1	.5	1.0	.4	.3									30	30	6	1
60/ 59			.7	.8	.7	.7	.4	.5	.5										32	32	16	3
58/ 57	.3	.5	1.0	1.4	.8	1.4	1.5	.7											55	55	18	6
56/ 55		.8	1.4	1.2	1.4	1.6	1.9	1.1	.1										70	70	23	8
54/ 53	.3	1.4	1.5	1.0	1.4	2.3	1.9	.7	.1										77	77	46	19
52/ 51		1.6	1.5	1.0	1.2	2.5	1.6												69	69	43	20
50/ 49	.4	1.5	1.0	1.2	1.9	2.0	1.0	.7											71	71	59	48
48/ 47		3.1	.1	1.5	2.3	2.2	.3												70	70	76	37
46/ 45	.1	1.5	1.0	1.0	1.4	.3	.7												43	44	77	51
44/ 43		.7	1.1	.8	1.0	1.1													34	34	69	34
42/ 41	.8	.1	.8	.3	1.0	.3													24	24	82	33
40/ 39	.1	.3	.3	.1	.4														9	9	71	37
38/ 37		.1		.4	.8														10	10	54	40
36/ 35	.4	.5		.4	.8	.1													17	17	28	40
34/ 33		.1		.5	.3														7	7	17	48
32/ 31		.4	.4	1.0	.4														16	16	8	44
30/ 29		.8	.1	.1															8	8	19	44
28/ 27																					11	40
26/ 25		.1																	1	1	12	50
24/ 23																					3	20
22/ 21			.4																3	3		20
20/ 19																					3	18
18/ 17	.3																		2	2	2	20
16/ 15	.1																		1	1	1	21

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAR (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 15																					12
12/ 11																					9
10/ 9																					4
8/ 7																					2
6/ 5																					1
4/ 3																					2
TOTAL	2.9	14.2	11.9	14.2	17.2	16.4	11.5	5.5	5.5	2.6	.5						732	733	732		732

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.	2680503	41495	56.7	21.191	732							
Dry Bulb	2029665	37911	51.7	9.702	733		3.9	4.7	2.0	1.0		93
Wet Bulb	1491511	32489	44.4	8.231	732		7.5	.1				93
Dew Point	998690	25672	35.1	11.599	732		39.0					93

FORM AS 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAR 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
[illegible] / 79									.1									1	1		
78 / 77							.1											1	1		
76 / 75						.1	.1		.3									4	4		
74 / 73						.1		.1										2	2		
72 / 71						.1		.3	.1									4	4		
[illegible] / 69						.1		.1										2	2		
68 / 67							.3											2	2		
66 / 65				.3	.3	.1		.1										6	6	2	
64 / 63		.1	.4	.1	.1	.1		.1	.1									9	9	3	
62 / 61		.8	.3	.1	.1		.4	.1	.1									15	15	2	
[illegible] / 59		.4	.5	.5	.3	.3		.4	.1									19	19	19	3
58 / 57		.1	.8	1.4	.1	.8	.4	.1	.1									29	29	9	11
56 / 55		.8	1.2	.7	.5	.5	1.1	.3										38	38	9	9
54 / 53		1.5	1.6	1.1	1.1	1.8	.8	.3										60	60	27	7
52 / 51		1.2	1.5	1.4	1.2	1.9	.7	.1										59	59	35	18
50 / 49	.4	2.6	.8	2.3	2.7	1.1												73	73	34	29
48 / 47	.1	2.9	1.8	1.8	1.9	1.4	.5											76	76	58	47
46 / 45	.3	3.2	2.3	2.2	2.6	1.2	.1											87	87	71	39
44 / 43		2.3	1.5	2.9	1.6	.4												64	64	76	27
42 / 41	.7	.8	1.2	2.1	.8	.3												43	43	84	49
40 / 39	.1	1.6	2.5	1.0	.8	.1												45	45	70	40
38 / 37	.1	.5	.5	1.0	.5													20	20	84	44
36 / 35			.3	.8	.5													12	13	38	40
34 / 33	.4		.4	.8	.1													13	13	25	49
32 / 31		1.1	.7	1.4	.4													26	26	18	69
30 / 29		.5	.4	.4														10	10	22	40
28 / 27			.1	.1														2	2	15	47
26 / 25			.3															2	2	14	41
24 / 23			.1															1	1	7	22
22 / 21																				3	19
20 / 19																					13
18 / 17	.4																	3	3	3	21
16 / 15																					16
14 / 13																					10

Element (X)	Σx^2	Σx	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 30 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 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
1 / 11																					14
1 / 4																					1
2 / 5																					2
4 / 3																					1
TOTAL	2.6	20.7	19.5	22.4	16.1	10.7	4.7	2.2	1.1									728	729	728	728

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	≥ 90 F	≥ 93 F	Total
Rel. Hum.	5234795	46.13	63.9	19.020	728							
Dry Bulb	1704765	34663	47.5	8.816	729		5.6	2.0	1.0			93
Wet Bulb	1339191	30665	42.1	8.084	728		10.5					93
Dew Point	970677	25355	34.8	10.977	728		40.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAR 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
76/ 75							.1											1	1		
74/ 73							.1											1	1		
72/ 71				.3	.4	.1		.3										8	8		
70/ 69			.1		.5		.4											6	6		
68/ 67							.8											6	6		
66/ 65				.1	.3	.1												4	4	3	
64/ 63		.1	.3	.3	.1		.1											7	7	4	3
62/ 61		.1	.5	.1			.3											8	8	5	
60/ 59		.5	.3	.1		.5		.1										12	12	7	2
58/ 57		.4	.4	.5		.3		.1										13	13	19	9
56/ 55	.1	.7	1.2	.8	.3	.7	.1											29	29	13	12
54/ 53		1.0	1.4	.7	1.4	.1	.5											37	37	12	9
52/ 51	.1	1.2	2.0	1.2	.4	1.1	.4											48	48	23	13
50/ 49	.3	3.3	.8	1.5	1.8	1.2	.3											67	67	46	23
48/ 47	.7	2.9	3.4	1.9	1.5	.5												80	80	45	57
46/ 45	.4	4.8	1.6	1.6	1.2	.8												77	77	58	34
44/ 43	.1	1.4	2.7	2.3	2.6	.1												68	68	75	33
42/ 41		1.6	2.3	2.3	1.6													58	58	60	36
40/ 39	.8	2.2	2.0	1.6	.7	.1												55	55	77	47
38/ 37	1.4	2.0	1.6	1.9	.3	.1												54	54	78	57
36/ 35		.7	.3	1.2														16	16	71	54
34/ 33		.8	.8	1.4														22	22	32	42
32/ 31		1.0	1.1	.8														21	21	25	51
30/ 29		.5	1.2	1.0														20	20	27	45
28/ 27		.1	.1	.5														6	6	16	39
26/ 25			.7															5	5	19	41
24/ 23			.3															2	2	8	25
22/ 21																				8	19
20/ 19	.4																	3	3	3	25
18/ 17																					21
16/ 15																					10
14/ 13																					7
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	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040	PATUXENT RIVER NAS MD	73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 2100-2500 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					
5/ 7																						3
4/ 5																						2
TOTAL	4	42	53	25	32	31	28	6.0	3.3	.5									734	734	734	734

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.	3668904	50258	68.5	17.624	734							
Dry Bulb	1576928	33372	45.5	9.020	734		7.2	2.8	.3			93
Wet Bulb	1287067	30099	41.0	8.487	734		13.4					93
Dew Point	983303	25615	34.9	11.043	734		38.4					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 85										.0								1	1		
81								.0	.1	.0								9	9		
79								.1	.0	.1	.0							12	12		
77							.1	.0	.0	.1								10	10		
75						.0	.0	.1	.1	.1								16	16		
73					.0	.0	.0	.1	.1	.0	.0							17	17		
71				.1	.1	.1	.3	.1	.0	.0	.0							38	38		
69			.0	.1	.2	.1	.1	.0	.1	.0								35	35		
67			.1	.1	.1	.3	.3	.1	.1	.1	.0							66	66	2	
65			.1	.4	.3	.3	.1	.1	.1	.1								84	84	22	
63		.1	.3	.2	.4	.3	.2	.2	.1	.1								113	113	24	3
61		.3	.3	.3	.4	.2	.4	.2	.1	.1								127	127	65	7
59	.0	.3	.5	.4	.3	.5	.2	.3	.1	.0								162	162	100	30
57	.1	.4	.6	.7	.2	.7	.5	.2	.1									199	199	118	84
55	.2	.7	.9	.8	.7	.6	.7	.4	.0									293	293	145	75
53	.2	1.1	1.2	.7	1.3	1.0	.7	.2	.0									371	371	186	93
51	.2	1.7	1.2	.9	1.0	1.2	.7	.1										408	408	230	152
49	.4	2.2	1.1	1.3	1.4	1.2	.4	.1										474	475	341	253
47	.8	3.4	1.5	1.4	1.7	1.1	.3											588	588	452	338
45	.4	2.8	1.6	1.5	1.6	.6	.1											506	507	526	343
43	.1	2.6	1.5	1.7	1.5	.4	.0											459	459	505	254
41	.4	1.1	1.8	1.8	1.2	.2												383	383	528	293
39	.5	1.1	1.5	1.4	.8	.1												317	317	517	360
37	.6	1.4	1.1	1.2	.6	.0												290	290	510	362
35	.3	1.3	.8	.9	.3	.0												210	211	404	308
33	.4	.8	.5	1.0	.2	.0												166	166	303	375
31	.2	.9	.9	1.0	.1													184	184	202	423
29	.0	1.0	.9	.4														138	138	186	319
27		.4	.3	.2														53	54	178	324
25		.1	.4	.0														28	28	135	319
23		.1	.3															18	18	56	222
21	.0	.1	.2															14	14	35	178
19	.2	.1	.3															34	34	28	189
17	.1	.0	.1															13	13	21	153

Element (X)	Σ_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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724 '40 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAR MONTH

PAGE 2 | ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
1 / 15	.0	.0	.0															4	4	15	126
15 / 15																				6.	95
1 / 11																					66
1 / 9																					58
/ 7																					20
/ 5																					11
/ 3																					15
/ 1																					12
TOTAL	.0	123.9	20.1	18.5	14.5	8.9	5.1	2.2	1.1	.7	.1								5844		5840
																		5840		5840	

Element (X)	Σ_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.	27418892	382832	65.6	19.946	5840							
Dry Bulb	13439004	273820	46.9	10.211	5844		62.0	26.0	8.3	2.3		744
Wet Bulb	10613057	243363	41.7	8.988	5840		109.8	.3				744
Dew Point	7807072	202602	34.7	11.546	5840		319.8					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | APR MONTH

PAGE 1 0000-0200 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 77									.1									1	1		
80/ 75								.1										1	1		
78/ 73								.1		.1								2	2		
76/ 71				.1	.4	.1	.1	.4		.1								10	10		
74/ 69			.3	.1	.7													8	8		
72/ 67			.1	.3	.1	.7	.1	.1										11	11		
70/ 65		.4	.8	.4	1.0	.1	.1	.1										22	22	5	
68/ 63		.7	.1	.6	.7	1.0												22	22	9	
66/ 61	.1	.4	.4	.6	.6	.1	.1											17	17	20	10
64/ 59		.1	2.7	.4	.8	.3	.4											34	34	11	13
62/ 57	.6	1.3	2.3	.4	.8	.1	.4	.1										43	43	34	18
60/ 55	1.0	2.1	2.0	1.0	.6	1.7	.3											61	61	48	23
58/ 53	.5	1.6	2.8	1.5	1.7	.4	.1											58	58	47	34
56/ 51	.1	1.6	3.8	3.4	2.5	.7												84	84	56	45
54/ 49	.3	2.0	2.4	2.5	3.7	.8												83	83	59	41
52/ 47		1.6	3.1	3.5	1.6	.1												70	70	58	40
50/ 45		1.0	4.2	2.1	1.7	.6												68	68	78	44
48/ 43		.8	1.3	.6	1.1													27	28	77	44
46/ 41		1.0	1.4	1.1	.1													26	26	90	35
44/ 39		1.1	1.3	1.4	.7	.3												54	54	58	61
42/ 37		.3	.1	.8	.4	.1												13	13	30	70
40/ 35		.6	.6	.4														11	11	35	45
38/ 33			.1	.3														3	3	9	50
36/ 31																				14	43
34/ 29																				9	25
32/ 27																			1	4	25
30/ 25																					10
28/ 23																					8
26/ 21																					14
24/ 19																					3
22/ 17																					6
20/ 15																					5
18/ 11																					2
16/ 7																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72404U (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	2.4	16.5	29.9	21.4	19.0	7.3	1.8	1.1	.1	.3								709	711	709	709

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.	3472130	48576	68.2	15.558	709							
Dry Bulb	1937764	36676	51.6	8.039	711		.1	4.2	.5			90
Wet Bulb	1581035	33035	46.6	7.685	709		3.2					90
Dew Point	1253788	28970	40.9	9.948	709		17.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — APR MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] 71					.1			.3										3	3		
[illegible] 69				.6	.4	.1		.1										9	9		
[illegible] 67				.5	.1		.1											8	8		
66/ 65		.4	1.0	.7	.7	.1		.1										22	22	1	
64/ 63		.4	.3	.4	.1	.3	.6											15	15	11	
[illegible] 61	.1	.7	.7	1.7	.4													26	26	17	9
[illegible] 59		1.0	.7	.6	.1	.1	.1											19	19	15	12
[illegible] 57	.1	.8	2.0	.5	.1	.1												29	29	29	18
56/ 55	.1	1.4	3.7	1.8		.6												54	54	51	14
54/ 53	.8	2.5	3.1	1.6	1.4	.1												68	68	49	30
52/ 51	.4	1.8	3.5	3.1	2.1	.1												79	79	48	49
50/ 49	.3	2.0	2.7	2.0	2.3													65	65	62	44
48/ 47		3.0	2.7	2.1	2.3													71	72	49	44
46/ 45		1.4	4.0	2.5	1.6													67	67	78	44
44/ 43	.1	1.0	3.4	2.4	1.1													57	57	58	45
42/ 41	.3	.7	3.0	1.4	.3													40	40	75	47
40/ 39	.3	.6	1.4	.7														21	21	66	51
38/ 37	.1	.3	1.7	1.0	.3													24	24	44	48
36/ 35		.3	1.4	.7	.3													19	19	30	56
34/ 33		.5	.4	.6														4	9	21	42
32/ 31				.4														5	5	10	54
30/ 29																				10	24
28/ 27																				9	33
26/ 25																					11
24/ 23																					14
22/ 21																					2
20/ 19																					2
18/ 17																					8
16/ 15																					4
14/ 13																					1
12/ 11																					2
TOTAL	2.5	18.6	35.6	24.9	15.0	1.7	.8	.6											709		708
																		708		708	

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
Ref. Hum.	5194185	50511	71.3	14.100	708							
Dry Bulb	1823899	35511	50.1	7.998	709		.4	2.5				90
Wet Bulb	1526473	32397	45.8	7.892	708		3.7					90
Dew Point	1244197	28843	40.7	9.891	708		19.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
/6/ 75					.1														1	1		
/4/ 73							.3	.1											3	3		
/2/ 71					.1	.1		.1											3	3		
/0/ 69			.4	.1	.7	.1	.1												11	11		
6[illegible]/ 67			.6	.3	1.0	.6	.1												18	18	1	
[illegible]6/ 65		.7	.6	.1	.9	.3	.4												21	21	6	
[illegible]4/ 63	.1	.9	.3	1.0	.4	.3													21	21	13	7
[illegible]2/ 61		.7	1.5	1.1	.5	.5	.1												27	27	19	14
[illegible] / 59	.3	1.4	.7	.7	.6	.9	.6												36	36	23	14
5[illegible]/ 57	.1	1.4	1.1	1.1	1.3	.6	.6	.3											46	46	38	9
5[illegible]/ 55	.3	1.6	3.0	2.6	1.3	1.1	.1												70	70	32	29
[illegible]4/ 53	.9	1.1	3.0	2.0	1.4	1.4													69	69	42	40
[illegible]2/ 51	.3	2.0	4.0	1.7	2.4	.4													76	76	54	32
5[illegible]/ 49	.1	2.1	1.9	1.9	2.4	.7													64	64	69	42
[illegible] / 47	.4	1.1	1.7	2.4	3.0	.1													62	63	73	53
4[illegible]/ 45		1.6	2.1	2.0	1.3	.1													50	50	61	49
[illegible]4/ 43	.1	1.6	1.9	2.1	.6	.1													45	45	56	47
[illegible]2/ 41	.1	.7	2.0	1.0	.3														29	29	70	46
4[illegible]/ 39		.4	.7	1.1															16	16	55	44
3[illegible]/ 37	.1	.3	.1	.9	.3														12	12	37	41
3[illegible]/ 35		.1	.7	1.0	.1														14	14	13	45
3[illegible]/ 33		.1	.3		.3														5	5	16	52
[illegible]2/ 31			.3	.1															3	3	10	44
2[illegible]/ 29																					9	26
2[illegible]/ 27																					4	23
2[illegible]/ 25																					1	15
2[illegible]/ 23																						10
[illegible]2/ 21																						3
2[illegible]/ 19																						7
1[illegible]/ 17																						3
1[illegible]/ 15																						3
1[illegible]/ 13																						3
1[illegible]/ 11																						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												

FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) APR (MONTH)

PAGE 2 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	3.0	17.9	26.6	23.4	18.8	7.3	2.4	.6										702	703	702	702

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.	3510305	48401	68.9	15.718	702							
Dry Bulb	1951465	36599	52.1	8.102	703		.4	4.6	.5			90
Wet Bulb	1604147	33089	47.1	7.966	702		3.1	.1				90
Dew Point	1287486	29196	41.6	10.221	702		17.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | APR 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												.1						1	1		
86/ 85										.1	.1							2	2		
84/ 83						.1				.1	.1	.1						4	4		
82/ 81								.1	.3	.3								5	5		
80/ 79						.1	.3	.4	.1	.1	.4							11	11		
78/ 77							.3	.3	.8	.4								13	13		
76/ 75					.3	.1	.3		.1	.1								7	7		
74/ 73				.1	.3	.7	.8	.3	.1									17	17	1	
72/ 71				.6	.3	.4		.1	.4		.1							14	14		
70/ 69			.6	.4	.4	.4	.3	.6	.3	.3								23	24	1	1
68/ 67			.4	1.4	.7	.7	.7	.8	.4	.5								39	39	10	
66/ 65		.4	.1	.4	.7	.6	.8	.3	1.4	.1								35	35	23	
64/ 63		.3	.3	.4	.8	1.0	.8	.8	1.1									40	40	29	12
62/ 61		.7	.8	1.6	1.8	1.0	1.3	2.1	.3									68	68	31	10
60/ 59		.4	1.0	1.3	1.3	1.1	2.7	1.0										62	62	25	22
58/ 57	.1	.6	1.0	1.4	2.1	2.4	1.4	.8	.1									71	71	31	21
56/ 55		1.6	1.0	1.0	1.1	2.0	1.7	.1										60	60	45	27
54/ 53	.3	1.0	1.3	.6	2.1	2.1	.7	.1										58	58	65	26
52/ 51		.8	1.8	.1	2.1	1.8	.7											53	53	58	48
50/ 49		.3	.3	.3	1.8	2.0	.4											36	36	79	35
48/ 47		.3	.6	.7	.8	.7	.1											23	23	82	40
46/ 45		1.1	.3	1.0	1.1	.3	.1											28	28	50	46
44/ 43		.1	.3	1.0	.7	.3	.1											18	18	54	35
42/ 41	.4			.1	.3	.4												9	9	46	40
40/ 39				.6	.6													8	8	33	38
38/ 37				.3														2	2	16	34
36/ 35																				11	46
34/ 33																				9	53
32/ 31																				8	56
30/ 29																					32
28/ 27																					28
26/ 25																					20
24/ 23																					12
22/ 21																					10

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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
[illegible] 14																					3
1[illegible] 17																					7
1[illegible] 15																					3
1[illegible] 11																					1
1[illegible] 9																					1
TOTAL	.8	1.6	9.8	13.3	19.5	18.4	13.7	8.1	5.7	2.0	.8	.3							708		707
																		707		707	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2339611	38707	54.7	17.672	707							
Dry Bulb	2503725	41595	58.8	9.214	708			17.4	7.6	2.0		90
Wet Bulb	1828282	35502	50.2	8.032	707		1.0	1.5	.1			90
Dew Point	1287348	29152	41.2	10.993	707		22.0	.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | APR MONTH

 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
90 / 89													.5						2	2		
88 / 87											.3		.1						3	3		
86 / 85										.6			.1	.1					6	6		
84 / 83									.3	.1	.1	.8							10	10		
82 / 81								.4	.7	.4	.1	.4	.1						16	16		
80 / 79							.3	.3	.8	.1									11	11		
78 / 77						.1	.3	.1	.8	.1	.1								12	12		
76 / 75					.1	.3	.4	.4	.3										11	11		
74 / 73					.3	.4	.7	.1	.6	.4	.3								20	20		
72 / 71				.7	.3	.6	.1	.4	.1	.6	.1								21	21		
70 / 69			.7	.4	.1	.3	.4	.3	.3	.8	.3								26	26	3	
68 / 67			.6	.6	1.5	.6	.8	1.4	.8	1.5									56	56	15	
66 / 65		.3	.6	.8	.7	.7	1.0	1.3	2.0	.3									54	54	29	
64 / 63		.4	.7	.3	2.3	.6	.6	1.3	2.0										57	57	29	11
62 / 61		.1	.4	.8	.8	.8	2.1	1.7	1.0										56	56	35	13
60 / 59		.8	.6	1.3	1.1	1.8	1.5	1.7	.3										65	65	38	13
58 / 57		.8	.4	.6	1.1	2.5	1.0	1.1	.1										55	55	38	32
56 / 55	.1	.6	.3	1.1	1.0	2.1	2.5	.6											59	59	49	38
54 / 53	.3	1.1	.4	.4	.8	1.3	1.1	.7											44	44	52	32
52 / 51		.6	.6	.3	.8	2.0	1.3	.7											44	44	75	24
50 / 49		.3	.1	.8	1.5	1.3	.6												33	33	79	49
48 / 47		.1	.3		1.1	.4	.3												16	16	63	27
46 / 45		.8	.3	.1	.6	.3	.1												16	16	58	31
44 / 43	.1	.5	.1	.6	.4	.4													14	14	47	38
42 / 41			.3		.1														3	3	47	43
40 / 39																					31	44
38 / 37																					11	37
36 / 35																					9	39
34 / 33																					2	48
32 / 31																						54
30 / 29																						52
28 / 27																						32
26 / 25																						15
24 / 23																						8

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | APR MONTH

PAGE 2 ~~1200-1800~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/21 21																					8
6./ 14																					12
1:/ 17																					11
1:/ 15																					3
TOTAL	.6	6.3	6.3	8.9	14.9	16.5	15.2	12.5	10.1	5.1	1.4	1.3	.7	.1				710	710	710	710

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	1492945	35287	49.7	18.367	710							
Dry Bulb	2751693	43677	61.5	9.562	710			24.6	11.5	5.3		90
Wet Bulb	1917871	36477	51.4	7.862	710			2.3				90
Dew Point	1277618	29056	40.9	11.174	710		24.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 89											.1	.1	.1					3	3		
88 / 85										.1	.1		.1	.1				4	4		
[illegible] / 83									.1	.1		.4	.6					9	9		
[illegible] / 81								.1	.6	.7	.1		.1					12	12		
[illegible] / 79							.1	.1	.1	.4	.1	.1						8	8		
78 / 77								.3	.1	.4								6	6		
76 / 75						.1	.7	.6	.1	.1								12	12		
74 / 73				.1	.4	.3	.4	.8	.1	.1	.4							20	20		
72 / 71				.6	.6	.6	.4	.6	.1	.4	.6							27	27		
70 / 69			.4	.3	.7	.4	.4	.7	.3	1.3	.3							34	34	1	
68 / 67			.6	.6	1.0	.7	.7	.7	.7	1.4	.1							46	46	9	
66 / 65		.3	.1	.6	1.0	1.4	1.4	.7	1.7	.6								55	55	22	
64 / 63		.3	.4	.7	.8	1.0	2.0	1.0	1.1	.1								53	53	27	8
62 / 61		.4	.7	.8	.6	1.0	2.1	1.1	.8									54	54	36	13
60 / 59		.7	1.1	.6	.8	.6	2.7	1.7	.4									61	61	36	11
58 / 57		.8	.8	.6	2.1	1.4	2.3	1.3										66	66	42	22
56 / 55		1.0	1.0	1.1	1.7	2.1	1.0	1.0	.1									64	65	48	38
54 / 53		.8	.3	.6	1.6	1.6	.7	.8										45	45	52	27
52 / 51		.8	.8	.4	1.0	1.6	1.3	.3										44	44	78	34
50 / 49		.7	.4	1.4	2.0	.4	.4	.6										42	42	77	45
48 / 47			.3	.6	.8	.1	.1											14	14	80	30
46 / 45		.3	.6	.4	.3	.6	.1											16	16	62	43
44 / 43		.4	.1			.1												5	5	42	35
42 / 41		.1	.1		.3													4	4	49	30
40 / 39				.1	.1													2	3	24	54
38 / 37																				9	40
36 / 35																				9	45
34 / 33																				3	60
32 / 31																					50
30 / 29																					40
28 / 27																					23
26 / 25																					14
24 / 23																					8
22 / 21																					10

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | APR MONTH

PAGE 2 | 1800-1700 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
70/ 19																					16
69/ 17																					3
68/ 15																					4
67/ 11																					2
66/ 9																					1
TAL	6.8	7.9	9.5	15.9	14.0	11.7	10.2	6.5	6.7	5.9	2.0	.7	1.0	.1				706	706		706

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.	2080862	35554	50.4	18.845	706							
Dry Bulb	2693391	43187	61.0	9.139	708			23.0	9.4	4.3		90
Wet Bulb	1881245	36065	51.1	7.430	706			1.3				90
Dew Point	1254419	28791	40.7	10.940	706		21.8					90

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

...BAL CLIMATOLOGY BRANCH
USAFETAC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72... MD — STATION
PATUXENT RIVER NAS MD — STATION NAME
73-80 — YEARS
APR — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 53											.1	.1		.1					3	3		
2/ 81									.4				.3	.1					6	6		
/ 79								.1			.1		.1	.1					4	4		
7 / 77								.1				.1							2	2		
16/ 75							.3	.4	.3	.1									8	8		
14/ 73					.1		.9	.5	.1										10	10		
12/ 71						.1	.1	.5	.1		.1								6	6		
7 / 69			.1	.4	.6	.4	.3			.1	.1								15	15		
6/ 67			.7	.6	.6	.4	.6	.4	.3	.1									26	26	1	
16/ 65		.7	.3	1.0	.6	.4	.4	.4	.4										30	30	8	
4/ 63		.4	.5	.4	1.1	.7	.6	.5	.5	.1									37	37	25	8
2/ 61	.1	.6	.4	.7	1.0	1.4	1.3	.9	.4										48	48	28	14
1/ 59	.1	1.4	1.4	.9	.9	1.9	1.6	.4	.1										61	62	27	5
2/ 57		.7	2.0	.6	2.2	2.2	2.7	.4											75	76	38	21
5/ 55	.1	.1	2.9	1.2	.7	2.7	1.2	.1											63	63	42	32
4/ 53	.3	.6	1.9	1.6	2.7	3.7	.9												81	82	41	24
2/ 51		1.2	1.5	2.1	2.3	1.5	.6												65	65	61	34
5/ 49		.7	1.6	1.5	1.9	1.2	.7												51	51	69	54
/ 47		.6	.6	1.5	1.9	.9		.1											37	37	69	30
4/ 45		.3	1.3	1.3	.4	.9	.4												32	32	98	33
4/ 43		.6	1.0	.3	.3	.4	.1												19	19	57	31
2/ 41			.7		.4														8	8	57	44
4/ 39			.5		.4														5	5	33	56
3/ 37				.5															2	2	14	55
/ 35																					12	48
3-/ 33		.1																	1	1	13	60
2/ 31																					2	41
/ 29																						41
2 / 27																						13
2-/ 25																						10
2-/ 23																						6
2/ 21																						14
2 / 19																						10
1 / 17																						2

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
Air Weather Service/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | APR MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
1 / 15																					4
1 / 15																					2
1 / 11																					1
1 / 9																					2
TOTAL	.7	8.5	16.8	14.7	18.7	18.7	12.8	4.3	2.6	1.0	.3	.4	.4					695	698	695	695

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.	2554002	40240	57.9	18.170	695							
Dry Bulb	2286837	39537	56.6	8.241	698			10.3	4.3	1.3		90
Wet Bulb	1710166	34094	49.1	7.365	695		.3	.1				90
Dew Point	1230442	28319	40.7	10.529	695		18.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | APR 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
/ 79										.1								1	1			
/ 77									.3			.1						3	3			
76/ 75							.1	.1			.3							4	4			
74/ 73						.3		.6										6	6			
72/ 71					.4		.1	.7	.1									10	10			
70/ 69				.3	.1		.3	.1										6	6			
68/ 67			.1	.4	.9	.6	.6											18	18			
66/ 65		.1	.1	.7	.1		.3	.1										11	11	4		
64/ 63		.7	.9	.5	1.0	.1	.1		.1									25	24	14	2	
62/ 61	.3	.6	.6	1.0	.9	.3	.7	.4										33	33	15	8	
60/ 59	.9	1.3	1.6	1.6	.3	.3	.6	.4										48	48	26	16	
58/ 57	.4	1.6	1.4	1.0	1.0	1.1	.9		.1									53	53	39	22	
56/ 55		1.4	2.1	1.6	1.6	2.1	.4		.1									66	66	46	14	
54/ 53	.5	1.5	3.8	2.4	1.7	1.4	.5											79	79	41	34	
52/ 51		1.5	2.1	2.0	3.0	2.0	.1											74	74	41	58	
50/ 49	.4	1.0	1.9	3.3	2.6	1.0												71	71	71	50	
48/ 47		1.0	2.4	3.4	1.9	.7												66	66	58	41	
46/ 45		.7	2.7	2.1	.7	.3												46	47	77	40	
44/ 43		1.4	1.3	.7	1.1	.4	.1											36	36	81	35	
42/ 41		.5	1.5	.6	.9	.5												23	23	88	34	
40/ 39		.1	.7	.4	.6	.1												14	14	34	62	
38/ 37		.1	.1	.6	.1													7	7	19	70	
36/ 35			.1	.3	.1													4	4	21	54	
34/ 33																				13	48	
32/ 31																				11	43	
30/ 29																				3	27	
28/ 27																					12	
26/ 25																					8	
24/ 23																					12	
22/ 21																					11	
20/ 19																					11	
18/ 17																					5	
16/ 15																					2	
14/ 9																					2	

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040	PATUXENT RIVER NAS MD	73-80	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 2100-2400
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									
-/	7																									1
TAL	3	313	023	422	618	911	1	4	7	2	6		9		1		3		1				702	704		702
																							702		702	

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.	3138026	45414	64.7	16.895	702							
Dry Bulb	2048242	37568	53.4	7.864	704			6.1	1.8	.1		90
Wet Bulb	1622175	33341	47.5	7.427	702		1.8					90
Dew Point	1246667	28719	40.9	10.118	702		17.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724 40 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 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
≥ 89											.0	.0	.1					5	5		
88/ 87											.0	.0	.0					4	4		
86/ 85										.1	.0		.0	.0				12	12		
84/ 83						.0			.1	.1	.1	.2	.1					26	26		
82/ 81								.1	.2	.2	.0	.1	.1					39	39		
80/ 79						.0	.1	.1	.1	.1	.1	.0	.0					35	35		
78/ 77						.0	.1	.1	.3	.1	.0	.0						37	37		
76/ 75					.1	.1	.2	.2	.1	.1	.0							44	44		
74/ 73				.1	.1	.2	.4	.5	.1	.1	.1							78	78	1	
72/ 71				.2	.3	.2	.1	.4	.1	.2	.1							94	94		
70/ 69			.3	.3	.5	.2	.2	.2	.1	.3	.1							132	133	5	1
68/ 67			.4	.5	.8	.5	.5	.4	.3	.4	.0							222	222	36	
66/ 65		.4	.5	.6	.7	.5	.6	.4	.7	.1								250	250	98	
64/ 63	.0	.6	.4	.5	1.0	.6	.6	.4	.6	.0								268	269	157	48
62/ 61	.1	.5	.7	1.0	.8	.6	1.0	.8	.3									329	329	201	91
60/ 59	.2	.9	1.2	.9	.7	.9	1.3	.7	.1									386	387	201	106
58/ 57	.2	1.0	1.4	.7	1.4	1.3	1.2	.5	.1									438	439	289	159
56/ 55	.2	1.2	2.0	1.4	1.0	1.8	.9	.2	.0									497	498	341	215
54/ 53	.4	1.3	2.1	1.3	1.7	1.5	.5	.2										502	503	384	247
52/ 51	.1	1.3	2.3	1.7	2.0	1.2	.5	.1										519	519	451	304
50/ 49	.1	1.1	1.9	1.7	2.3	.9	.3	.1										445	445	565	360
48/ 47	.1	1.0	1.5	1.8	1.7	.4	.1	.0										359	361	532	305
46/ 45		.9	1.9	1.5	1.3	.4	.1											323	324	562	330
44/ 43	.1	.8	1.2	1.0	.7	.2	.1											221	222	472	310
42/ 41	.1	.4	1.1	.5	.3	.1												142	142	522	319
40/ 39	.0	.5	.5	.5	.3	.1												100	101	314	410
38/ 37	.0	.1	.3	.5	.1	.0												60	60	180	395
36/ 35		.1	.4	.3	.1													48	48	140	378
34/ 33		.1	.1	.1	.0													18	18	86	413
32/ 31			.0	.1														6	6	55	385
30/ 29																				31	267
28/ 27																			1	15	189
26/ 25																				1	103
24/ 23																					74

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) APR (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					
72/ 21																						72
68/ 19																						68
64/ 17																						45
60/ 15																						26
56/ 13																						6
52/ 11																						9
48/ 9																						6
44/ 7																						2
TOTAL	1.6	11.9	19.5	17.3	17.6	11.9	8.6	5.3	3.3	1.8	.6	.4	.3	.0					5639	5651	5639	5639

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.	22197064	342490	60.7	18.814	5639							
Dry Bulb	17997014	314350	55.6	9.506	5651		.9	92.9	35.7	13.1		720
Wet Bulb	13671394	274000	48.6	7.965	5639		13.0	5.4	.1			720
Dew Point	10081965	230991	41.0	10.485	5639		159.3	.1				720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAY MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 79					.1													1	1		
76 / 75				.1	.3	.4	.1											7	7		
74 / 73			.7	.7	.4	.8												19	19		
72 / 71		.1	1.0	.3	.3	.1	.1											14	14	3	
70 / 69		1.1	1.8	.7	.4	.6												33	33	12	3
68 / 67	.7	.7	3.6	2.2	.3	.1	.3											57	57	25	21
66 / 65	1.5	3.3	3.0	1.1	1.8	.6	.4											85	85	46	28
64 / 63	1.2	2.3	1.5	2.2	1.4	.1	.3	.4										69	69	74	55
62 / 61	2.2	2.8	2.5	1.1	1.7	.6	.4											81	81	70	72
60 / 59	1.5	2.3	2.6	.8	1.0	1.1	.1											69	69	62	72
58 / 57	1.9	3.7	2.1	1.0	.7	.1												69	69	87	59
56 / 55	1.2	1.8	1.9	1.1	1.2	.3												55	55	71	64
54 / 53	.6	1.9	1.8	1.9	.1	.3												48	49	44	58
52 / 51	.1	2.2	2.6	.8	1.4	.1	.1											54	54	61	45
50 / 49	1.0	1.4	.6	.3	.4	.3												28	28	65	61
48 / 47	.1	.6	1.0	.8	.1													19	19	42	40
46 / 45		.3	.8	.4	.1													12	12	13	38
44 / 43		.3		.1	.1													4	4	24	32
42 / 41				.4														3	3	16	28
40 / 39																				7	22
38 / 37																				5	11
36 / 35																					16
34 / 33																					11
32 / 31																					3
30 / 29																					4
28 / 27																					2
26 / 25																					3
24 / 23																					1
TOTAL	12.1	24.8	27.4	16.1	11.8	5.5	1.9	.4										727	728	727	727

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4628446	56948	78.3	15.191	727							
Dry Bulb	2662370	43732	60.1	8.971	728			16.7	5.4			93
Wet Bulb	2331629	40847	56.2	7.101	727			5.1				93
Dew Point	2090964	38444	52.9	8.941	727		1.7	3.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAY MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.6	.1		.1												6	6		
72/ 71			1.0	.7	1.1													20	20		
70/ 69		1.2	3.2		.5	.1	.1											36	36	9	2
68/ 67	.4	.8	1.4	.6	.1													24	24	25	14
66/ 65	1.2	2.9	2.8	1.4	1.1	.1	.1											70	70	41	31
64/ 63	2.2	4.2	2.8	.7	1.8	.4												87	87	64	40
62/ 61	1.7	2.4	2.8	.6	.4	.3	.1											59	60	69	62
60/ 59	1.9	3.7	3.5	.3	.6	1.1												80	80	65	61
58/ 57	1.7	3.6	2.1	1.1	1.9	1.1												83	83	84	71
56/ 55	1.2	2.4	1.5	1.2	.8	.3	.1											55	55	61	63
54/ 53	.4	2.1	2.1	.6	.4	.4												43	43	49	56
52/ 51	.3	2.9	2.6	1.1	.6	.4	.1											58	58	41	52
50/ 49	1.2	2.1	1.1	1.1	.3	.1												43	43	86	39
48/ 47	.4	.1	1.0	.7	.3													18	18	36	40
46/ 45	.3		2.1	.6	.4													24	24	27	43
44/ 43		.4	.3	.3	.1													8	8	21	19
42/ 41		.1	.3	.6														7	7	25	37
40/ 39																				9	28
38/ 37																				9	15
36/ 35																				2	20
34/ 33																					9
32/ 31																					10
30/ 29																					3
28/ 27																					6
26/ 25																					4
TOTAL	13.0	29.0	30.9	11.5	10.3	4.6	.7												722		721
																		721		721	

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.	4796655	57811	80.2	14.966	721							
Dry Bulb	2526442	42410	58.7	6.997	722			11.1	.8			93
Wet Bulb	2245901	39881	55.3	7.448	721			4.1				93
Dew Point	2032548	37680	52.3	9.381	721		3.0	2.1				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAY MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
79/ 77				.1	.3														3	3		
76/ 75			.1	.8		.4	.1												11	11		
74/ 73	.1		.7	1.3	.6	.4													22	22	1	1
72/ 71		.4	2.2	.8	1.7	.3													39	39	7	
70/ 69	.3	1.7	3.3	1.1	.7	.4	.3												56	56	20	11
68/ 67	.4	1.0	1.3	1.7	.6	.7		.1											41	41	42	27
66/ 65	2.1	3.8	2.1	2.1	1.5	1.0													90	90	59	51
64/ 63	.6	3.1	2.1	1.7	1.0	.7	.3												67	67	66	39
62/ 61	2.4	2.4	2.1	1.3	2.1	.4	.1	.1											78	78	79	70
60/ 59	1.7	1.9	2.5	1.1	1.3	1.0	.1												69	69	65	64
58/ 57	1.1	1.8	1.4	.7	1.1	.6	.3												50	50	73	61
56/ 55	1.4	2.6	1.8	1.4	.8	.3	.1												61	61	61	63
54/ 53	1.3	.7	1.1	1.1	.7	.7	.1												41	41	57	55
52/ 51	1.3	1.0	1.1	.7	.6	.6	.1												38	38	46	49
50/ 49	.6	1.1	.4	.6	.7	.6													28	28	46	36
48/ 47	.1		.6	.8	.1	.1													13	13	30	41
46/ 45	.1	.1	.1	.4	.3														8	8	22	24
44/ 43				.1	.1														2	2	17	32
42/ 41				.3															2	2	13	15
40/ 39				.1															1	1	9	21
38/ 37																					5	9
36/ 35																					2	9
34/ 33																						17
32/ 31																						8
30/ 29																						4
28/ 27																						6
26/ 25																						5
24/ 23																						1
22/ 21																						1
TOTAL	13.3	21.5	22.9	18.2	14.0	8.1	1.7	.3												720		720
																			720		720	

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.	4493836	55664	77.3	16.273	720							
Dry Bulb	2148066	44182	61.4	7.163	720			22.2	4.7			93
Wet Bulb	2398549	41201	57.2	7.540	720			9.0	.1			93
Dew Point	2144436	38656	53.7	9.799	720		3.2	5.0	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724.40 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 85							.1	.3										3	3		
84/ 83						.3		.1		.1								5	5		
82/ 81					.1	.7	.3	.5	.1			.1						14	14		
80/ 79				.1	1.2	.7	1.8	.5	.1			.1						34	34		
78/ 77			.1	1.0	1.6	1.1	1.0	.3		.3								39	39		
76/ 75		.1	.3	1.4	.8	1.9	.4	.3	.4									41	41	1	
74/ 73		.1	1.1	2.0	1.2	1.4	.7	.5	.3	.4								57	57	8	2
72/ 71	.1	.7	1.6	1.1	1.6	.5	.8	.7	.1	.1								55	55	35	3
70/ 69	.5	.3	1.1	1.5	3.0	1.1	1.9	.1	.4									71	71	49	20
68/ 67	.5	1.0	2.3	1.4	1.4	1.5	1.0	.7	.4									74	74	72	45
66/ 65		2.0	1.1	2.7	1.1	1.5	.7	1.1	.1									76	76	57	45
64/ 63	.8	.1	1.0	.5	.8	2.0	.4	.8										48	48	71	53
62/ 61	1.2	1.0	1.9	.8	1.2	1.0	.5	.4	.1									60	60	68	65
60/ 59	.4	.8	1.0	1.1	.4	1.0	.5	.3										40	40	79	52
58/ 57	.8		.4	1.0	.8	1.6	.4											37	37	58	72
56/ 55	.5	.8	.4	.1	.5	.8	.1											25	25	45	55
54/ 53	.7	.5	.5	.3	.3	.7	.4											25	25	63	37
52/ 51	.4	.7	.4		.5	.3	.3											19	19	31	37
50/ 49	.1	.4			.1	.5												9	9	29	38
48/ 47					.3													2	2	34	43
46/ 45																				10	36
44/ 43																				11	20
42/ 41																				6	15
40/ 39																				6	20
38/ 37																					21
36/ 35																					13
34/ 33																					18
32/ 31																					8
30/ 29																					5
28/ 27																					7
26/ 25																					1
24/ 23																					2
TOTAL	6.0	8.6	15.2	19.0	17.2	18.6	11.3	6.7	2.2	1.0		.3						733	733		733
																		733		733	

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.	3398216	48090	65.6	18.226	733							
Dry Bulb	3331307	49075	67.0	7.901	733			49.7	24.4	5.1		93
Wet Bulb	2660837	43815	59.8	7.557	733			20.9	1.1			93
Dew Point	2222993	39649	54.1	10.311	733		2.9	8.9	.3			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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
≥ 87									.3									2	2		
86 / 87								.3					.1					3	3		
84 / 85								.4	.3	.3			.1					8	8		
82 / 83				.1	.1	.1	.5	.1	1.0	.1	.1	.1						18	18		
80 / 81					.7	.7	.8	1.4	.7	.1	.1							33	33		
78 / 79				.3	.7	1.6	1.6	1.2	.3	.1	.4	.1						47	47		
76 / 77				1.1	2.1	1.1	1.2	.8	.5	.4	.1							54	54	1	
74 / 75			.3	.5	1.4	1.4	.3	.7	.7	.5	.1							43	43	1	
72 / 73			1.2	1.4	.5	1.4	1.0	1.1	1.0	.1	.1							57	58	21	1
70 / 71		.4	2.2	2.1	1.9	1.1	.8	1.0	.5	.4								76	76	25	5
68 / 69	.1	.5	1.9	.7	1.1	1.4	1.8	.4	.7	.7								68	68	65	21
66 / 67	.3	1.1	1.0	2.6	1.6	.7	1.4	1.0	.1	.1								72	73	85	36
64 / 65	.3	.5	1.1	.7	1.0	1.0	.7	.7	.7	.1								49	49	65	62
62 / 63	.1	.8	.7	1.1	.7	1.2	.4	.8	.4	.1								47	47	54	49
60 / 61	.4	1.4	.7	.7	1.0	1.2	.7	.3										46	46	86	61
58 / 59	.1	.4	.7	.7	.4	.7	1.2	.1										32	32	65	64
56 / 57	.7	.4	1.0	.1		.8	.5											26	26	57	59
54 / 55	.3	1.1	.4			.8	.7											24	24	47	47
52 / 53	.5	.1	.3	.4		.5	.1											15	15	51	41
50 / 51	.3		.1			.1												4	4	39	40
48 / 49		.1				.4												4	5	21	42
46 / 47		.1																1	1	23	33
44 / 45																				13	39
42 / 43																				6	16
40 / 41																				3	19
38 / 39																				1	16
36 / 37																					16
34 / 35																					20
32 / 33																					17
30 / 31																					12
28 / 29																					8
26 / 27																					5
24 / 25																					2

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724640 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAY 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	3.2	7.1	11.5	12.5	13.2	16.3	13.9	10.3	7.1	3.3	1.1	.3	.3					729	732	729	729

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.	4950137	44497	60.8	18.843	729							
Dry Bulb	3585011	50885	69.5	8.081	732			61.4	33.8	10.3		93
Wet Bulb	2735771	44343	60.8	7.273	729			25.3	2.9			93
Dew Point	2216612	39480	54.2	10.385	729		3.2	8.0	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAY 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
/ 89									.4									3	3		
6/ 85						.1	.3	.4		.3	.3		.1					11	11		
4/ 83						.1	.5	.5	.1				.3					12	12		
2/ 81				.1	.4	.3	.7	.7	1.0	.3			.1					26	26		
/ 79				.1	1.2	1.4	2.3	.7	.4	.7		.4						53	53		
7/ 77				.4	.7	1.4	1.5	.4	.5	.1		.1						38	38		
6/ 75			.4	1.1	1.5	1.0	1.2	.5	.4	.1	.5							50	50	3	
4/ 73		.4	1.0	2.3	1.4	1.5		1.2	1.8	.3	.3							74	74	11	1
2/ 71		.3	3.0	1.4	1.4	1.2	1.8	1.1	.3	.4								81	81	36	4
0/ 69		.4	.5	.8	1.4	.8	1.6	1.2	.3	.1								55	55	51	20
8/ 67	.1	1.0	1.5	1.0	1.5	1.1	1.8	1.1	.3	.1								69	69	91	39
6/ 65	.1	.7	1.0	1.8	1.2	1.1	1.0	.4	.4	.3								58	58	60	50
4/ 63		1.6	.8	.7	.8	.7	1.0	.7	.4									49	49	56	50
2/ 61	.5	.5	.7	.6	1.1	.7	1.1	.7										45	45	69	60
0/ 59	1.1	.3	.3	1.2	.3	.5	.4											30	30	79	61
8/ 57	.3	1.2	.3	.1	.3	.5	.8	.4										29	29	66	55
6/ 55	.3	.5	.3		.1	.7	.7	.3										21	21	58	43
4/ 53	1.0	.4	.4	.3														15	15	52	48
2/ 51	.1	.3	.1	.1		.1												6	6	27	48
0/ 49	.1					.1												2	2	29	37
8/ 47		.4				.1												4	4	20	47
6/ 45																				10	38
4/ 43																				6	14
2/ 41																				4	30
0/ 39																				1	14
8/ 37																					21
6/ 35																					17
4/ 33																					9
2/ 31																					8
0/ 29																					5
8/ 27																					3
6/ 25																					4
4/ 23																					2
2/ 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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) MAY (MONTH)

PAGE 2 1500-1700 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	3.7	8.4	10.3	12.3	13.3	13.6	16.7	10.4	6.3	2.7	1.1	.5	.5					729		729	729
																		729		729	

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.	2959448	44308	60.8	19.131	729							
Dry Bulb	3549497	50555	69.3	7.980	729			60.0	34.1	8.2		93
Wet Bulb	2717827	44209	60.6	7.114	729			24.5	1.8			93
Dew Point	2144007	39289	53.9	10.259	729		2.9	8.2	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724 40 — STATION
PATUXENT RIVER NAS MD — STATION NAME
73-80 — YEARS
MAY — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
87/ 85							.1											1	1		
86/ 83							.1			.1								2	2		
85/ 81						.3	.3	.1	.1	.3								8	8		
84/ 79				.6		.8		.7	.1			.1						17	17		
83/ 77			.1	.1	.1	.6	.4	.4	.4	.1								21	21		
82/ 75			.4	1.2	.6	1.2	.7	.4	.1	.1	.1							36	36	1	
81/ 73		.1	.4	1.5	1.7	1.1	.6	.1	.1	.1								37	37	7	1
80/ 71		.6	3.2	1.5	1.1	.7	.6	.8	.3	.1								64	64	13	3
79/ 69		1.1	1.9	2.1	1.5	.4	1.4	.7	.1		.1							68	68	30	11
78/ 67	.4	.7	1.8	1.8	1.1	1.5	.4	.4	.1									60	60	57	31
77/ 65	.7	1.8	1.7	1.4	1.5	1.0	1.8	.4	.1									75	75	66	50
76/ 63	1.1	1.2	1.4	2.2	1.2	1.4	.6	.3	.1									69	69	71	40
75/ 61	1.2	2.3	1.1	1.1	3.0	.6	.8	.3	.1									77	77	75	67
74/ 59	1.0	1.2	1.5	1.4	1.2	.8	.7											57	57	63	57
73/ 57	.3	1.7	.1	1.5	1.7	.1	.7											44	44	74	59
72/ 55	.3	.7	1.2	.3	.8	1.5	.3											37	37	58	50
71/ 53	.1	.3	.4	.6	.1	.4	.1	.1										16	16	66	44
70/ 51	.3	.3	.6	.6	.6	.1	.1											18	18	41	43
69/ 49	.3	.7	.3	.1	.1													11	11	42	45
68/ 47		.3			.1	.1												4	4	23	51
67/ 45					.1													1	1	22	41
66/ 43				.1														1	1	6	31
65/ 41																				4	23
64/ 39																				3	19
63/ 37																				2	13
62/ 35																					16
61/ 33																					13
60/ 31																					6
59/ 29																					4
58/ 27																					3
57/ 25																					2
56/ 23																					1
TOTAL	5.7	15.0	16.2	18.1	16.6	12.7	9.7	4.8	1.9	1.0	.3	.1						724	724	724	724

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.	3510789	49133	67.9	18.085	724							
Dry Bulb	3126904	47278	65.3	7.401	724			40.3	15.7	2.2		93
Wet Bulb	2537707	42557	58.8	7.075	724			13.9	1.0			93
Dew Point	2140584	38734	53.5	9.721	724		2.1	5.9	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724 40 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | MAY 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
≥ / 31						.1												1	1		
≥ / 29					.3													2	2		
1 / 27		.1		.3			.3											5	5		
16/ 25			.3	.3	.8	.4	.4											16	16	1	1
14/ 23			1.0	.8	.4	.4	.1											20	20	2	
12/ 21		.4	1.4	1.1	.5		.1	.1										27	27	8	2
10/ 19		1.6	2.9	2.2	1.1		.3		.1									60	60	15	7
8 / 17		.8	3.6	1.6	1.1	.7	.4											60	60	42	26
6/ 15	1.2	2.5	2.3	1.5	1.5	.7	.3											73	73	52	35
4/ 13	.5	2.9	2.1	2.9	1.5	.7	.7											82	82	74	45
2 / 11	2.6	1.9	2.5	1.4	1.5	1.0	.3											81	81	79	77
0 / 9	2.3	1.2	2.3	2.3	1.4	.3	.4											75	75	59	69
8 / 7	.5	2.6	1.6	2.2	1.1	.3												61	61	87	54
6/ 5	1.1	1.2	2.6	1.1	.8	.1												51	51	67	53
4/ 3		1.2	1.9	1.4	1.2	.4												45	45	54	52
2 / 1	.4	.8	.8	.8	.7	.1												27	27	70	59
0 / -1		1.0	.5	.4		.1												15	15	36	44
-2/ -3		.7	.7	1.1	.4	.1												22	22	35	59
-4/ -5		.4		.1	.1													5	5	18	27
-6/ -7				.3														2	2	20	35
-8/ -9				.1														1	1	6	24
-10/-11																				4	21
-12/-13																				4	9
-14/-15																					12
-16/-17																					10
-18/-19																					3
-20/-21																					4
-22/-23																					2
-24/-25																					1
TOTAL	2.8	19.4	26.4	21.9	14.5	5.5	3.3	.1	.1										731		731
																		731		731	

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.	4390074	55598	76.1	14.871	731							
Dry Bulb	2827063	45171	61.8	7.002	731			24.3	5.6	.4		93
Wet Bulb	2442318	41936	57.4	7.074	731			8.7	.4			93
Dew Point	2168420	39280	53.7	8.892	731		1.3	4.6	.1			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12- 40 STATION | PATUXENT RIVER NAS MD STATION NAME | 75-80 YEARS | MAY MONTH

PAGE 1 | ALL HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 80									.1									5	5		
87 / 87								.0					.0					3	3		
6/ 85						.0	.1	.1	.0	.1	.0		.0					23	23		
4/ 83				.0	.0	.1	.2	.1	.1	.1	.0	.0	.0					36	36		
/ 81				.0	.2	.3	.3	.3	.2	.1	.0	.0	.0					82	82		
/ 79				.1	.4	.6	.7	.4	.1	.1	.1	.1						154	154		
7 / 77		.0	.0	.4	.7	.5	.6	.2	.2	.1	.0	.0						160	160	1	
6/ 75		.0	.2	.7	.7	.8	.4	.2	.2	.1	.1							204	204	7	1
4/ 73	.0	.1	.8	1.3	.7	.9	.3	.4	.4	.1	.1							292	293	50	6
2/ 71	.0	.4	1.9	1.1	1.2	.5	.5	.5	.2	.1								376	376	127	17
/ 69	.1	1.0	2.1	1.1	1.2	.6	.9	.3	.2	.1	.0							445	445	251	95
6 / 67	.4	.9	2.0	1.6	1.0	.8	.7	.4	.1	.0								457	458	437	239
67 / 65	.9	2.2	1.9	1.6	1.3	.9	.6	.3	.2	.1								576	576	446	352
4/ 63	.8	2.0	1.5	1.5	1.2	.9	.4	.4	.1	.0								518	518	528	351
2/ 61	1.5	1.8	1.8	1.0	1.5	.7	.5	.2	.0									527	528	595	534
/ 59	1.5	1.5	1.8	1.1	.8	.8	.4	.1										452	452	537	500
/ 57	.9	1.9	1.1	1.0	.9	.7	.3	.1										399	399	586	490
5 / 55	.8	1.4	1.3	.7	.7	.6	.3	.0										329	329	468	438
4/ 53	.6	.9	1.1	.8	.4	.4	.1	.0										248	249	436	391
2/ 51	.4	1.0	1.0	.5	.5	.2	.1											224	224	356	371
5 / 49	.4	.8	.4	.3	.2	.3												140	141	354	342
/ 47	.1	.5	.4	.4	.2	.1												83	83	243	354
4 / 45	.1	.1	.4	.2	.1													50	50	135	286
4/ 43		.1	.0	.1	.1													17	17	111	199
2/ 41		.0	.0	.2														13	13	77	191
4 / 39				.0														1	1	40	157
3 / 37																				25	115
/ 35																				4	123
3 / 33																					104
2/ 31																					58
/ 29																					37
2 / 27																					32
/ 25																					20
2 / 23																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72,643 PATUXENT RIVER NAS MD 73-80 MAY
STATION STATION NAME YEARS 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 B. & Dew Point
≤ 21																				5
≤ 14																				2
TAL	.2	16.4	19.8	15.7	13.9	10.6	7.4	4.1	2.2	1.0	.3	.2	.1					5814	5814	5814
																		5814.	5814.	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5118/6.1	411849	70.8	18.610	5814							
Dry Bulb	2455666	373268	64.1	8.424	5819			266.3	122.7	26.2		
Wet Bulb	20070539	338789	58.3	7.522	5814			111.7	7.4			
Dew Point	17210064	311212	53.5	9.740	5814		20.2	45.8	.9			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

724 90 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS

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.	Dry Bulb	Wet B.
4/ 83						.1												1	1	
2/ 81				.1	.1	.1												3	3	
/ 79			.4	.4	.1	.1												8	8	
1/ 77			.8	.7	1.3	.7												25	25	
6/ 75	.4	1.1	1.1	3.4	1.0													50	50	
4/ 73		2.7	1.8	3.1	.7													59	60	3
2/ 71	.1	5.1	5.5	2.7	.7													100	100	4
/ 69	1.0	4.4	4.5	2.4	1.4	.4												100	100	9
8/ 67	2.0	3.7	3.9	1.3	1.0	.3	.1											87	87	11
6/ 65	.4	4.4	3.9	3.1	1.3	.3												93	93	1
4/ 63		1.3	2.1	2.1	.4	.3	.1											45	45	8
2/ 61		1.5	3.5	1.4	.6	.4												53	53	5
59		1.0	1.0	.6	1.0	.1	.1											27	27	6
/ 57	.1	1.0	1.1	2.1	.3	.3	.1											36	36	4
5/ 55			1.0	1.1	.8													21	21	2
3/ 53			.1	.1														2	2	2
2/ 51																				1
5/ 49																				
/ 47																				
4/ 45																				
47 43																				
2/ 41																				
4/ 39																				
3/ 37																				
1/ 35																				
3/ 33																				
TOTAL	4.1	26.1	31.0	24.6	10.4	3.2	.6											710	711	71

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	4655596	56918	80.2	11.434	710						
Dry Bulb	3295613	48235	67.8	5.728	711			54.9	18.6	.6	
Wet Bulb	2928604	45386	63.9	6.211	710			37.5	4.9		
Dew Point	2710998	43540	61.3	7.600	710			26.1	2.5		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724 40 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | JUN MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] 81					.1													1	1		
[illegible] 79				.1	.1	.1												5	5		
77/ 77		.3	.4	.4														8	8		
76/ 75			.7	1.1	.4	.1												17	17	5	2
74/ 73	.4	3.3	3.1	3.1	.9	.1												77	77	11	8
72/ 71	.4	4.1	3.4	2.8	.1													77	77	46	33
71/ 69	2.1	7.0	5.1	1.8	.3													115	116	91	56
69/ 67	1.7	2.8	4.4	1.7	1.6	.1												87	88	100	90
68/ 65	1.1	6.0	2.8	1.7	.7	.4												90	90	92	75
66/ 63	.1	3.0	2.3	2.8	.4													61	62	82	77
64/ 61	.1	2.4	2.0	.9	.3													40	40	57	83
63/ 59	.1	2.0	2.7	1.5	.4													46	47	50	48
61/ 57	.3	1.6	.9	1.6	.1		.1											32	32	62	48
59/ 55		1.4	1.6	1.5	.7													55	55	54	44
57/ 53		.1	1.0	.7		.1												14	14	24	46
56/ 51		.1			.1													2	2	26	21
54/ 49																				14	19
52/ 47																				8	23
50/ 45																				2	16
48/ 43																				1	4
47/ 41																					9
45/ 35																					1
34/ 33																					1
32/ 31																					1
TOTAL	.5	34.0	30.5	21.4	6.4	1.0	.1											705	709	705	705

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4898213	58281	82.7	10.676	705							
Dry Bulb	3157877	47143	66.5	5.728	709			49.1	13.5	.1		90
Wet Bulb	2842591	44551	63.2	6.225	705			32.3	2.0			90
Dew Point	2658643	42979	61.0	7.396	705		.1	24.1	1.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724 40 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | JUN 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
[illegible]						.1												1	1		
[illegible]				.1	.4	.1	.1											6	6		
[illegible]			.4	.7	.6	.1	.1											14	14		
78/ 77		.1	.9	2.3	2.0	.4	.1	.1										42	42	1	
76/ 75	.1	.9	2.6	4.3	2.3	.3	.1	.1										75	75	8	2
74/ 73	.4	2.4	4.4	4.1	1.6	.7	.7											101	101	32	15
[illegible]	.4	4.4	5.7	3.0	1.0	.7	.5											109	109	77	34
[illegible]	1.4	2.0	3.7	3.0	1.9	.3	.1											87	87	120	88
68/ 67	.9	2.1	3.1	2.3	2.4	.6	.3											82	82	103	94
66/ 65	1.1	2.4	1.7	1.3	2.0	.9												66	66	84	93
64/ 63	.1	1.0	1.7	.9	1.4	.4	.1											40	40	66	70
62/ 61		2.1	1.0	.7	1.3	.1		.1										38	38	56	62
[illegible]	.3	.7	1.0	.9	.4	.3												25	25	57	55
58/ 57	.1	.1	.1	.1	.1		.1											6	6	39	37
56/ 55			.4	.1	.4													7	7	24	38
54/ 53						.1												1	1	15	35
52/ 51																				10	22
50/ 49																				4	20
[illegible]																				3	12
[illegible]																				1	8
44/ 43																					7
42/ 41																					5
[illegible]																					1
34/ 33																					2
TOTAL	5.0	18.4	26.9	23.9	17.9	5.3	2.3	.4										700		700	
																		700		700	

Element (X)	Σ_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.	4322214	54282	77.5	12.708	700							
Dry Bulb	3432468	48876	69.8	5.323	700			66.5	30.7	1.5		90
Wet Bulb	2998733	45643	65.2	5.688	700			43.8	5.3			90
Dew Point	2747445	43561	62.2	7.240	700			30.0	2.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
9 / 91								.1											1	1		
8 / 89								.1		.1									2	2		
8 / 87					.1	.1	.3												4	4		
6 / 85				.1	.3	.4	.6	.6		.1									15	15		
4 / 83					.6	2.1	1.1	.4	.3										32	32		
2 / 81			.3	1.0	2.7	3.2	1.8	.4	.4										70	70		
1 / 79		.1	.1	2.5	4.5	3.9	1.0	.4	.6										94	94	2	
1 / 77		.6	1.3	5.2	3.4	1.8	.8	.7	.6	.3									90	90	11	1
6 / 75		.1	2.8	4.5	2.1	2.9	1.5	.8	.7	.3	.1								114	114	28	6
4 / 73	.1	.1	2.7	2.0	2.2	1.8	.6	.7	.3										75	75	86	22
2 / 71	.3	1.0	1.1	1.4	1.3	1.7	.8	.4											57	57	136	53
1 / 69	.1	.4	1.0	2.2	.6	1.7	1.0	.6											54	54	96	97
0 / 67		1.0	.8	.7	.8	.7	1.0	.1	.1										38	38	66	96
0 / 65	.1	.6	.3	.1	1.1	.6	.4	.3											25	25	66	75
0 / 63	.3	.4	.7	.3	.8	.7		.1											24	24	69	65
0 / 61	.3	.4	.3	.1	.3	.1	.1												12	12	40	66
0 / 59		.3	.1	.1															4	4	47	40
0 / 57			.1																1	1	30	33
0 / 55																					23	34
0 / 53																					7	28
0 / 51																					4	29
0 / 49																					1	22
0 / 47																						14
0 / 45																						17
0 / 43																						6
0 / 41																						3
0 / 39																						2
0 / 37																						2
0 / 33																						1
TOTAL	1.3	5.1	11.7	18.4	20.8	21.9	11.1	5.9	2.9	.8	.1									712		712
																			712		712	

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.	3257852	47118	66.2	14.019	712							
Dry Bulb	4040735	53477	75.1	5.831	712			81.7	62.8	20.5		90
Wet Bulb	3247030	47908	67.3	5.745	712			53.7	16.1			90
Dew Point	2826654	44520	62.5	7.768	712			34.8	3.7			90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — JUN 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
[illegible] 95									.1	.1								2	2		
[illegible] 93									.1	.6								5	5		
[illegible] 91								.1	.4		.1							5	5		
[illegible] 89						.1	.3	.8										9	9		
88/ 87					.3	.3	1.4	1.3		.1								24	24		
86/ 85				.3	.4	1.1	3.2	2.5	.4	.3								59	59		
84/ 83				.6	.3	.7	3.0	1.6	1.0	.3								52	52		
82/ 81				1.3	2.8	1.6	1.8	1.1	1.1	.4								72	72		
80/ 79			.4	2.5	3.7	1.8	1.7	1.4	1.5	.7	.1							97	97	8	
78/ 77			.7	4.1	4.1	1.7	1.7	.8	1.0	.7								105	105	15	3
76/ 75		.6	.7	3.1	1.4	1.1	1.8	2.4	1.7	.4								94	94	50	8
74/ 73		.6	1.0	.7	.6	1.6	2.3	1.0	.4									57	57	115	20
72/ 71		.4	.7	1.0	1.0	.6	1.6	.7	.8	.3								50	50	121	50
70/ 69		.6	.3	.8	.3		1.0	1.0	.1									29	29	79	100
68/ 67		.4	.6	.6	.1	.3	.4	.6										21	21	52	113
66/ 65	.3	.3	.1		.3	.4		.1										11	11	59	64
64/ 63	.1		.4		.3													6	6	66	47
62/ 61	.4	.3		.1														6	6	60	45
[illegible] 59			.3															2	2	36	37
58/ 57	.1		.1															2	2	19	43
56/ 55	.1																	1	1	21	31
54/ 53																				7	39
52/ 51																				1	29
50/ 49																					29
48/ 47																					18
46/ 45																					10
44/ 43																					10
42/ 41																					7
40/ 39																					3
38/ 37																					3
TOTAL	1.1	3.1	5.4	15.1	15.5	11.3	20.2	15.5	8.6	3.9	.3							709	709		709
																		709		709	

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.	2124140	42646	60.1	14.986	709							
Dry Bulb	4524311	55199	77.9	6.153	709			86.4	73.8	34.9	.9	90
Wet Bulb	3310767	48273	68.1	5.828	709			55.9	23.9	.1		90
Dew Point	2790421	44093	62.2	8.256	709			37.3	3.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
96/ 95										.3		.1							3	3		
94/ 93									.1	.3									3	3		
92/ 91									.3										2	2		
90/ 89						.4		.6											1	1		
88/ 87					.3	.7	1.8	.6	.1	.1									26	26		
86/ 85					.6	.4	1.4	2.0	1.0	.7	.1								44	44		
84/ 83		.3		.1	.8	.7	3.0	1.0	1.0	.3									51	51		
82/ 81			.1	.8	2.5	2.7	2.3	1.4	.6	.4	.7	.1							83	83	2	1
80/ 79			.5	1.7	4.0	3.0	1.8	1.8	.8	1.1			.1						104	104	6	1
78/ 77		.4	.8	3.5	2.0	1.3	2.1	.8	1.6	.1									90	90	17	1
76/ 75		.1	1.6	1.6	1.1	1.4	1.4	2.5	2.4	.6	.1								91	91	46	11
74/ 73		.4	2.4	.6	1.1	.8	1.3	1.0	.6										58	58	87	22
72/ 71		.7	1.8	.4	1.0	.7	1.4	1.1	.4	.3									56	56	115	44
70/ 69	.1	.4	.6	.7	1.4	.4	.3	.4	.6										35	35	86	101
68/ 67		.4	.5	.4	.1	.1		.4	.5										15	15	74	85
66/ 65		.6	.7	.6		.3	.4												18	18	51	56
64/ 63		.4		.1															4	4	61	56
62/ 61	.3	.6	.1	.3	.1														10	10	76	49
60/ 59			.6																4	4	34	52
58/ 57																					23	46
56/ 55	.1	.3																	3	3	16	32
54/ 53																					12	53
52/ 51																					1	33
50/ 49																						34
48/ 47																						13
46/ 45																						12
44/ 43																						10
42/ 41																						6
40/ 39																						5
38/ 37																						2
36/ 35																						1
34/ 31																						1
TOTAL	.6	4.7	9.5	10.9	15.1	13.0	17.3	13.7	9.8	4.2	1.0	.3	.1						707	707	707	707

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2167753	42777	60.5	15.947	707							
Dry Bulb	4264143	54729	77.4	6.248	707			85.0	71.5	34.2	.8	90
Wet Bulb	3265641	47871	67.7	5.866	707			55.1	20.1	.8		90
Dew Point	2750183	43691	61.8	8.431	707		.1	33.9	4.6	.3		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72[illegible]40 PATUXENT RIVER NAS MD 73-80 JUN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 91									.1									1	1		
[illegible] / 89						.1		.3										3	3		
87 / 87							.5											2	2		
86 / 85					.1	.6	.7		.3	.1								13	13		
84 / 83				.1	.3	.7	.9	.3	.3									18	18		
[illegible] / 81			.3	.3	1.6	1.7	1.0	.6	.1		.1							40	40		
[illegible] / 79			.9	1.6	2.3	2.1	1.0	.9										61	61	2	
[illegible] / 77			1.1	2.3	3.1	1.4	1.3	.4	.4	.1								80	80	4	
76 / 75		.1	2.3	4.3	2.4	2.0	1.3	1.1	.3	.1								98	98	27	9
74 / 73		1.6	3.1	2.8	1.4	1.0	1.7	1.0	.7									94	94	52	10
72 / 71	.3	1.4	3.3	1.1	2.0	1.6	1.6	1.1	.1									88	88	97	44
[illegible] / 69	.1	1.6	1.6	1.6	2.0	1.6	.7	.7	.3									71	71	119	84
67 / 67	.1	.7	.7	1.4	.9	1.7	.7	.3										46	46	73	99
[illegible] / 65		1.1	1.3	1.0	.4	.7	.3	.6										38	38	65	68
64 / 63		.4	1.6	.1	.3	.7	.1	.3										25	25	54	50
[illegible] / 61	.3	.1		.4	.1		.3											9	9	74	53
[illegible] / 59	.1	.3	.6	.3		.4												12	12	51	58
[illegible] / 57			.3		.1													3	3	34	45
5 / 55		.3	.1															3	3	23	37
[illegible] / 53																				19	29
[illegible] / 51																				5	27
5 / 49																				6	32
[illegible] / 47																					18
[illegible] / 45																					18
[illegible] / 43																					7
[illegible] / 41																					4
[illegible] / 39																					8
[illegible] / 37																					5
TOTAL	1.0	7.7	17.6	17.3	17.6	16.3	11.8	7.5	2.7	.4	.1							705		705	705

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.	3359864	47446	67.3	15.392	705							
Dry Bulb	3629331	51191	73.5	5.916	705			78.5	52.3	13.5		90
Wet Bulb	3100300	46562	66.0	5.970	705			47.7	10.9	.1		90
Dew Point	2699511	43237	61.3	8.242	705			31.4	2.4			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.3		.3	.1											5	5		
82/ 81			.1		.4	.7	.1											10	10		
80/ 79			.3	1.1	1.3	.6												23	23		
78/ 77		.1	1.3	1.4	1.6	.3	.3											35	35	3	
76/ 75		1.1	1.7	3.8	2.0	.7	.1											67	67	6	4
74/ 73	.1	1.8	4.2	4.1	.7	.4	.1											82	82	36	12
72/ 71	.1	4.7	4.1	2.8	1.8	.6	.1											101	101	78	32
70/ 69	.6	4.0	3.2	2.4	2.8	1.1	.1											101	101	105	80
68/ 67	1.0	1.3	3.5	2.0	2.5	1.0	.4	.1										84	86	97	101
66/ 65	.4	1.1	2.4	2.1	1.7	.7	.8											66	66	87	75
64/ 63		.8	2.7	2.1	1.4	.8												56	56	67	59
62/ 61		.4	1.1	1.0	1.1	.4												29	30	64	57
60/ 59		.3	.7	.8	.8	.4	.1											23	23	60	49
58/ 57	.1	.3	.6	.6	.4	.6												18	18	39	67
56/ 55			.3	.4	.4													8	8	29	34
54/ 53																				31	40
52/ 51																				15	16
50/ 49																				9	21
48/ 47																				4	22
46/ 45																					14
44/ 43																					13
42/ 41																					5
40/ 39																					4
38/ 37																					1
36/ 35																					2
TOTAL	2.4	16.0	26.3	25.0	19.1	8.6	2.5	.1											711		708
																		708		708	

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.	4155554	53494	75.6	12.560	708							
Dry Bulb	3467953	49495	69.6	5.623	711			64.6	28.1	2.8		90
Wet Bulb	2980268	45728	64.6	6.158	708			41.3	5.7			90
Dew Point	2703717	43399	61.3	7.839	708			29.1	2.0			90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | JUN 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
67/ 95									.0	.1		.0						5	5		
47/ 93									.0	.1								8	8		
27/ 91								.0	.1		.0							9	9		
7/ 89						.1	.0	.2		.0								21	21		
67/ 87					.1	.1	.5	.2	.0	.0								56	56		
67/ 85				.1	.2	.3	.7	.6	.2	.2	.0							132	132		
47/ 83		.0		.1	.2	.6	1.0	.4	.3	.1								159	159		
27/ 81			.1	.5	1.3	1.3	.9	.4	.3	.1	.1	.0						285	285	2	1
07/ 79		.0	.4	1.3	2.1	1.5	.7	.6	.3	.2	.0		.0					404	404	18	1
76/ 77		.2	1.0	2.2	2.2	1.0	.8	.4	.4	.2								475	475	52	5
76/ 75	.1	.5	1.7	3.3	1.6	1.1	.8	.9	.6	.2	.0							606	606	178	49
74/ 73	.1	1.6	2.8	2.6	1.1	.8	.8	.5	.2									603	604	449	122
72/ 71	.2	2.7	3.2	1.9	1.1	.7	.7	.4	.2	.1								638	638	711	321
70/ 69	.7	2.5	2.5	1.9	1.3	.7	.4	.3	.1									592	593	794	662
67/ 67	.1	1.6	2.2	1.5	1.2	.6	.4	.2	.1									460	463	683	777
67/ 65	.4	2.1	1.7	1.2	.9	.5	.2	.1										407	407	558	585
47/ 63	.1	.9	1.4	1.1	.6	.4	.1	.1										261	262	548	513
52/ 61	.2	1.0	1.0	.6	.5	.1	.1	.0										197	198	483	473
50/ 59	.1	.6	.9	.5	.3	.2	.0											143	144	397	393
32/ 57	.1	.4	.4	.5	.1	.1	.1											98	98	291	372
32/ 55	.0	.2	.4	.4	.3													78	78	195	300
14/ 53		.0	.1	.1		.0												17	17	137	280
12/ 51		.0			.0													2	2	90	191
56/ 49																				43	194
48/ 47																				23	143
41/ 45																				3	114
14/ 43																				1	62
12/ 41																					43
41/ 39																					28
38/ 37																					14
36/ 35																					6
34/ 33																					5
32/ 31																					2

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	2.7	14.4	19.8	19.6	15.3	10.1	8.2	5.4	3.0	1.2	.2	.0	.0					5656	5664	5656	5656

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.	30138986	402962	71.2	15.902	5656							
Dry Bulb	29812431	408945	72.2	7.110	5664			566.7	351.4	108.3	1.7	720
Wet Bulb	24613934	371922	65.8	6.201	5656			367.5	89.0	1.0		720
Dew Point	21887572	349020	61.7	7.870	5656		.5	246.7	22.7	.5		720

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72 [illegible] 40 | PATUXENT RIVER NAS MD | 73-80 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
87 / 85				.1															1	1		
84 / 83				.5	.1														5	5		
81 / 81			.1	1.0	1.0	.1													16	16		
78 / 79		.3	1.5	1.9	2.1	1.4	.3												54	54	1	
75 / 77	.1	2.5	2.5	2.3	.5	.1													59	59	15	4
72 / 75		5.9	6.3	2.5	.8	.8	.1												120	120	50	51
69 / 73	.7	6.4	4.9	3.1	1.8	.4													127	127	99	69
66 / 71	1.1	6.6	4.8	3.0	1.0	.5	.4												127	127	140	108
63 / 69	1.1	4.0	3.6	2.1	1.2	.1	.1												89	89	132	128
60 / 67	1.0	2.1	3.4	1.8	1.4	.1													71	71	77	99
57 / 65		1.2	1.5	1.2	.7														34	34	80	62
54 / 63	.5	.5	1.0	.5	.5														17	17	53	61
51 / 61	.1	.1	.4	.3															7	7	40	60
48 / 59		.4	.1																4	5	27	33
45 / 57																					13	27
42 / 55																					4	30
39 / 53																						7
36 / 51																						8
33 / 49																						4
TOTAL	4.4	29.7	30.1	20.4	10.8	3.7	1.0												731	732	731	731

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.	5026955	60079	82.2	11.055	731							
Dry Bulb	3977818	53176	72.6	4.508	732			85.0	48.5	6.0		93
Wet Bulb	3482599	50339	68.9	4.690	731			65.4	21.0			93
Dew Point	3283222	48812	66.8	5.714	731			55.9	13.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-40 PATUXENT RIVER NAS MD 73-80 JUL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 83				.1														1	1			
8/ 81				.4														3	3			
8/ 79			1.2	.9	.3	.3												19	19			
7/ 77	.3	1.4	2.6	2.3	1.8													61	61	7	3	
76/ 75	.8	5.0	5.0	2.9	.7	.1												107	107	38	22	
74/ 73	1.2	8.5	4.1	1.5	1.1	.1												121	121	94	64	
72/ 71	1.2	8.2	5.5	2.5	1.2			.3										138	138	125	107	
70/ 69	2.3	5.2	2.7	.7	.4	.4	.1	.1										88	88	145	129	
68/ 67	1.2	3.1	4.5	1.6	.7	.5	.3											88	88	80	103	
66/ 65	.1	2.6	1.8	1.8	.5	.4												53	53	76	68	
64/ 63	.8	1.2	.8	.8	.4													30	30	70	66	
62/ 61	.4	.1	.5	.7	.1													14	14	32	59	
60/ 59		.7	.1															6	6	28	26	
58/ 57		.4	.1															4	4	22	25	
56/ 55																				15	22	
54/ 53																				1	15	
52/ 51																					9	
50/ 49																					9	
48/ 47																					4	
46/ 45																					1	
44/ 43																					1	
TOTAL	.5	36.4	29.1	16.1	7.2	1.9	.4	.4											733		733	
																		733		733		

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.	5343922	62062	84.7	11.041	733							
Dry Bulb	3745040	52292	71.3	4.458	733			79.4	39.6	1.6		93
Wet Bulb	3423560	49966	68.2	4.897	733			62.0	17.6			93
Dew Point	3253684	48634	66.3	6.057	733			54.3	11.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724 40 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | JUL MONTH

PAGE 1 | 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
87/ 87					.1	.1												2	2		
86/ 85				.1														1	1		
84/ 83				.7	.4	.3												10	10		
82/ 81			.7	1.7	1.0	.1	.1											26	26		
80/ 79		.4	3.6	3.5	2.1	.3												71	71	3	
78/ 77		2.1	4.6	4.7	1.4	.8	.3		.1									101	101	18	3
76/ 75	.6	5.3	4.3	4.0	1.4	1.0	.1											120	120	85	44
74/ 73	.6	5.1	4.3	2.9	1.1	2.2	.1	.1										118	118	121	92
72/ 71	1.1	4.0	5.5	1.2	1.7	.6	.4		.1									106	106	126	101
70/ 69	1.1	2.5	4.3	.4	.7	.8	.4	.4										77	77	102	122
68/ 67	.7	1.5	2.1	.6	.6	.7												44	44	83	94
66/ 65	.4	1.1	.8	.8	.4	.3	.1											29	31	69	75
64/ 63	.1	.4	.6	.4	.1													12	12	49	47
62/ 61		.4			.1													4	4	25	33
60/ 59																				20	32
58/ 57																				14	32
56/ 55																				6	8
54/ 53																					10
52/ 51																					14
50/ 49																					6
48/ 47																					4
46/ 45																					2
44/ 43																					2
TAL	4.6	22.9	30.8	21.1	11.0	7.2	1.7	.6	.3										723		721
																		721		721	

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.	4749431	57846	80.2	12.272	721							
Dry Bulb	3952598	53358	73.8	4.517	723			87.0	57.8	8.7		93
Wet Bulb	3501160	50122	69.5	4.832	721			69.4	29.3	.1		93
Dew Point	3276000	48394	67.1	6.210	721			58.8	17.9			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724 40 — STATION
PATUXENT RIVER NAS MD — STATION NAME
73-80 — YEARS
JUL — MONTH

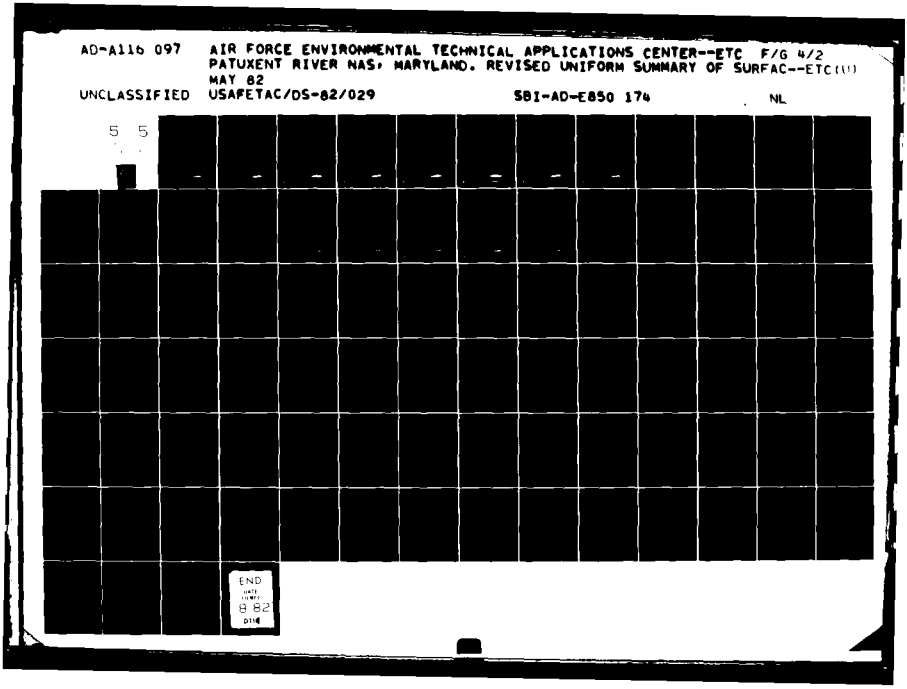
0900-1100 — HOURS (L. S. T.)

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. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
97 95									.3									2	2	
96 93								.1	.7									6	6	
95 91							.1	.4	.1									5	5	
94 89							1.1	.4	1.0	.5								20	20	
93 87					.1	.8	1.5	2.1	.1		.1							35	35	
92 85					.8	1.9	2.6	1.0	.1	.4								50	50	
91 83		.1	.5	2.3	3.8	2.6	1.6	.5	.1	.1								87	87	1
90 81			1.2	5.1	4.1	3.6	2.1	.7	.1									127	127	5 1
89 79		.3	1.4	4.2	3.8	2.2	1.8	.8	.1	.1								108	108	40 5
88 77		.5	1.9	4.0	2.3	1.2	1.8	1.1	.3	.1								97	97	67 18
87 75		1.1	2.6	2.6	2.1	1.1	1.8	.3										84	84	126 66
86 73		1.2	1.2	1.8	.5	.8	1.8		.3									56	56	150 86
85 71	.3	.3	1.5		.3	.3	1.1	.1										28	29	90 124
84 69		.1	.1	.1	.5	.5		.1										10	10	74 111
83 67		.5	.1	.5	.5													4	4	61 72
82 65	.3	.1	.3															5	5	46 62
81 63		.1																1	1	32 48
80 61																				28 20
79 59																				7 35
78 57																				3 26
77 55																				26
76 53																				14
75 51																				11
74 49																				2
73 47																				1
72 45																				4
TOTAL	.5	4.5	10.7	21.4	20.5	17.7	15.9	5.8	2.5	.5								731		730
																		730		730

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.	3462773	49431	67.7	12.594	730							
Dry Bulb	4665634	58280	79.7	5.126	731			92.2	86.1	50.1	1.0	93
Wet Bulb	3785200	52446	71.8	4.868	730			78.2	49.6	2.7		93
Dew Point	3380335	49449	67.7	6.494	730			61.3	22.2	.4		93

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

AD-A116 097 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PATUXENT RIVER NAS, MARYLAND. REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
MAY 82
UNCLASSIFIED USAFETAC/DS-82/029 SBI-AD-E850 174 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
102/101											.1							1	1		
100/ 99										.1								1	1		
98/ 97								.1	.1	.1								3	3		
96/ 95								.3	.6									6	6		
94/ 93							.4	.6	.1			.3						10	10		
92/ 91						.3	.8	.7	.8	.1								20	20		
90/ 89					.1	.6	1.8	3.0	1.4	.3	.3							54	54		
88/ 87			.1	.4	1.4	2.6	2.1	1.8	.3									63	63		
86/ 85				.8	3.3	5.0	2.5	2.9	1.0	.1		.1						114	114	1	
84/ 83		.3	.1	1.0	3.7	3.7	2.3	1.7	1.0	.4	.4							106	106	3	2
82/ 81			.6	1.7	3.7	2.8	1.8	1.1	1.5		.3							97	97	20	1
80/ 79		.3	1.7	2.3	1.8	1.8	1.8	1.3	.6	.3	.1							91	91	45	5
78/ 77		.3	1.1	1.0	1.2	1.2	1.9	1.5	.4	.1								64	64	86	26
76/ 75		.7	1.1	1.1	.8	.7	1.0	.7	.4									47	47	120	62
74/ 73		.7	.3	.6		.8	.3	.8	.1									26	26	148	81
72/ 71		.4	.6		.1	.3												10	10	79	116
70/ 69		.4	.6	.4														10	10	66	101
68/ 67	.1			.4														4	4	59	77
66/ 65																				43	45
64/ 63																				35	50
62/ 61																				14	29
60/ 59																				8	34
58/ 57																					36
56/ 55																					28
54/ 53																					10
52/ 51																					5
50/ 49																					12
48/ 47																					6
46/ 45																					1
TOTAL	.1	3.0	6.1	9.8	16.2	19.7	16.6	16.6	8.5	1.7	1.2	.4						727	727		727
																		727		727	

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.	2886347	44771	61.6	13.340	727							
Dry Bulb	4974909	60013	82.5	5.366	727			93.0	89.9	66.4	2.7	93
Wet Bulb	3867594	52766	72.6	4.953	727			80.2	54.1	5.2		93
Dew Point	3346051	49065	67.5	6.910	727			60.3	22.6	.6		93

USAFETAC FORM 0-26-5 (OL A) 82 84 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724080 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) ____ (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103											.1							1	1		
102/ 99										.1	.1							2	2		
98/ 97									.1	.3	.3							5	6		
96/ 95								.1	.3	.1								4	4		
94/ 93							.1	.3	.7	.1								9	10		
92/ 91							1.4	.4	1.6	.8								31	31		
90/ 89					.4	.5	1.1	1.5	.7	.4								34	34		
88/ 87				.5	1.2	3.3	1.9	1.4	.4									49	49		
86/ 85				.7	2.5	4.5	2.9	2.5	.7	.8	.4							109	110		
84/ 83			.1	1.0	3.3	3.6	1.9	2.1	1.6	.1	.1							101	101	2	
82/ 81		.3	1.2	2.3	3.4	2.3	1.2	1.2	1.8	.7	.4							109	109	15	
80/ 79			1.5	3.2	1.8	1.4	1.9	1.9	1.0	.4	.1							96	96	46	7
78/ 77		.7	1.4	1.6	1.1	1.5	1.4	.7	1.2	.1								71	71	95	19
76/ 75	.1	.4	.8	1.5	.5	.7	1.2	.7	.7									49	49	123	63
74/ 73		.5	.8	.1	.3	.3	.4	.7										23	23	134	92
72/ 71		.8	.1															7	7	87	96
70/ 69		.5	.3															6	6	60	121
68/ 67			.1	.7														4	4	55	78
66/ 65				.1														1	1	51	45
64/ 63																				30	96
62/ 61																				27	31
60/ 59																				3	31
58/ 57																					38
56/ 55																					27
54/ 53																					13
52/ 51																					23
50/ 49																					10
48/ 47																					2
46/ 45																					1
44/ 43																					1
TOTAL	.1	3.3	6.9	11.8	14.6	18.1	15.5	13.5	10.9	4.1	1.6							728	731	728	728

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.	2889304	99704	81.4	9.071	728							
Dry Bulb	4999249	60323	82.5	9.485	731			92.9	90.5	65.9	2.9	93
Wet Bulb	3837281	52731	72.4	6.953	728			78.8	53.8	3.9		93
Dew Point	3329737	48963	67.3	7.099	728			59.8	23.1	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724060 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — ANN MONTH

PAGE 1 — 1800-2000 HOUR (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
96/ 95								.1		.1									2	2		
94/ 93							.3	.4											5	5		
92/ 91																						
90/ 89						.3	.8	.1	.4	.3									14	14		
88/ 87					.1	.3	1.0	.6	.3										16	16		
86/ 85		.1	.1	.4	1.1	1.7	1.0	1.0	.1										40	40		
84/ 83			.1	1.4	2.9	2.5	1.0	.6	.1										62	62	1	1
82/ 81			1.0	3.9	4.3	2.2	1.4	1.2	.1	.3									104	104	3	
80/ 79		.3	1.9	4.9	2.9	2.9	.7	.8	.3										99	99	14	2
78/ 77		.8	3.3	3.3	2.5	1.5	1.8	.7	.4										104	105	48	12
76/ 75	.3	1.2	2.9	2.3	2.2	1.9	2.3	1.1	.6										108	108	93	38
74/ 73	.8	1.4	3.3	2.6	1.2	1.7	1.0	.6		.1									92	92	162	77
72/ 71	.4	2.2	1.2	.6	1.0	1.4	.3												51	51	97	112
70/ 69	.5	.7	.5	.1	.1	.4	.1												15	15	102	128
68/ 67			.3	.8	.1	.1													8	8	66	77
66/ 65				.4															3	3	48	66
64/ 63		.3																	2	2	46	58
62/ 61																					31	38
60/ 59																					11	24
58/ 57																					3	35
56/ 55																						25
54/ 53																						10
52/ 51																						4
50/ 49																						12
48/ 47																						1
TOTAL	1.8	7.0	13.9	20.0	16.5	16.8	11.6	7.2	2.3	.8									725	726	725	726

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Hours No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 80 F	≥ 90 F	≥ 100 F	Total
Rel. Hum.	3604208	50106	69.1	13.970	725						
Dry Bulb	4872779	56871	78.3	4.956	726			92.0	62.0	28.3	.3
Wet Bulb	3859626	51396	70.9	9.717	725			78.2	41.2	1.2	
Dew Point	3274022	48494	66.9	6.674	725			57.8	16.3	.1	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724060 PATUXENT RIVER NAS MD 73-80

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL O.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31					
88/ 87					.1														1	1		
86/ 85				.4		.1													5	5		
84/ 83			.4	.5	1.2	.4	.1												20	20		
82/ 81			.4	1.4	2.4	1.5	.3												47	47	1	
80/ 79		.8	2.9	3.7	2.0	1.1													77	77	6	1
78/ 77		2.4	3.3	3.4	1.2	.1	.1												80	80	23	13
76/ 75	.1	3.6	6.0	3.3	1.9	1.1	.4												120	120	70	33
74/ 73	.3	4.4	5.7	4.4	1.9	.8	1.2												136	136	110	68
72/ 71	.7	4.6	4.9	1.8	1.8	.8	.4												110	110	160	111
70/ 69	.5	2.4	1.4	2.4	2.5	1.0													79	79	98	160
68/ 67	.1	.7	1.1	1.4	.8	.8													36	36	93	85
66/ 65			.1	.7	.7														11	11	83	78
64/ 63	.3	.4	.9		.1														10	10	56	45
62/ 61				.1															1	1	99	33
60/ 59																					20	44
58/ 57																					4	31
56/ 55																					2	21
54/ 53																						14
52/ 51																						12
50/ 49																						1
TOTAL	2.3	19.7	27.0	23.6	16.9	7.8	2.6												732	732	732	732

Element (X)	$\bar{x}_g$	s_x	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 70 F	≥ 80 F	≥ 95 F	Total
Dry Bulb	88720122	572278	78.0	1.631	732							
Wet Bulb	98731161	505107	73.5	1.535	732			98.2	61.6	15.7		93
Dew Point	2888898	297798	60.7	1.498	732			71.8	38.7	.5		93
								57.3	19.8			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | JUL 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					
114/103											.0								1	1		
102/101											.0								1	1		
100/ 99										.0	.0								3	3		
98/ 97								.0	.0	.1	.0								8	9		
96/ 95								.1	.1	.0									14	14		
94/ 93							.1	.2	.1	.0		.0							25	26		
92/ 91						.1	.4	.2	.3	.1									61	61		
90/ 89					.1	.3	.5	.7	.3	.1	.0								122	122		
88/ 87			.0	.1	.5	1.0	.9	.5	.1	.0									181	181		
86/ 85		.0	.0	.4	1.1	1.7	.9	.8	.3	.1	.1	.0							319	320	1	
84/ 83		.1	.2	.9	1.9	1.6	.9	.6	.4	.1	.1								392	392	7	3
82/ 81		.1	.7	2.2	2.5	1.6	.9	.5	.5	.1	.1								529	529	44	2
80/ 79		.3	1.9	3.0	2.1	1.4	.8	.6	.3	.1	.0								615	615	155	18
78/ 77	.1	1.4	2.6	2.8	1.5	.8	.9	.5	.3	.1									637	638	359	98
76/ 75	.2	2.9	3.6	2.5	1.3	.9	.9	.3	.2										755	755	705	356
74/ 73	.5	3.5	3.1	2.1	1.0	.9	.6	.3	.1	.0									699	699	1018	629
72/ 71	.6	3.4	3.0	1.1	.9	.5	.3	.1	.0										577	578	904	875
70/ 69	.7	2.6	1.7	.8	.7	.4	.1	.1											374	374	779	980
68/ 67	.4	1.0	1.5	.9	.5	.3	.0												266	266	574	677
66/ 65	.1	.6	.6	.6	.3	.1	.0												136	138	456	501
64/ 63	.2	.3	.4	.2	.1														72	72	371	413
62/ 61	.1	.1	.1	.1	.0														26	26	241	295
60/ 59		.1	.0																10	11	124	271
58/ 57		.1	.0																4	4	61	242
56/ 55																					27	187
54/ 53																					1	103
52/ 51																						90
50/ 49																						56
48/ 47																						17
46/ 45																						9
44/ 43																						5
TOTAL	2.8	15.8	19.3	18.0	14.5	11.6	8.2	5.5	3.1	.9	.5	.1								5835		5827
																			5827		5827	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Hours No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	32342111	426275	73.2	18.467	5827							
Dry Bulb	34761168	448820	76.9	6.395	5835			712.0	556.7	250.2	6.9	744
Wet Bulb	29108220	410758	70.5	5.874	5827			580.4	292.3	13.2		744
Dew Point	26869899	398891	67.1	6.788	5827			429.5	101.2	1.3		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | AUG MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87						.1												1	1		
86/ 85						.1												1	1		
84/ 83					.1	.4												4	4		
82/ 81		.1	1.0	.4	.5													15	15		
80/ 79		.5	1.5	2.7	.7	.5												44	44	1	
78/ 77		2.7	4.4	4.1	1.1													90	90	13	6
76/ 75	.8	9.2	7.7	3.6	.8	.4												164	164	63	27
74/ 73	1.2	6.7	7.7	2.5	1.2													181	181	165	111
72/ 71	2.3	4.9	3.3	2.2	1.2	.1												103	103	160	143
70/ 69	1.1	2.2	2.9	1.6	.9	.1												62	62	107	188
68/ 67	.7	2.2	2.1	1.9	.1	.5												55	55	66	79
66/ 65		2.3	1.0	.3														26	26	63	60
64/ 63		.3	.4		.3													7	7	42	62
62/ 61	.3	.3	.5	.4														11	11	25	37
60/ 59		.4	.5															7	7	10	27
58/ 57																				10	21
56/ 55																				6	4
54/ 53																					5
52/ 51																					9
50/ 49																					2
TOTAL	6.4	31.9	32.8	19.7	6.7	2.5												731	731	731	731

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.	52621U4	616294	84.3	9.590	731							
Dry Bulb	3992783	53593	73.3	9.321	731			58.6	38.5	4.7		93
Wet Bulb	3593860	51158	70.0	9.418	731			73.2	38.8			93
Dew Point	3021670	39870	68.2	8.163	731			68.8	18.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724080 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31					
84/ 83					.3														2	2		
82/ 81			.1	.3	.3	.1													6	6		
80/ 79		.4	1.0	.7	.1														16	17		
78/ 77		1.4	3.4	2.6	.3														56	56	8	4
76/ 75		8.8	6.9	2.5	.8	.1													139	140	34	13
74/ 73	2.8	10.5	8.5	2.2	1.5	.4													188	188	146	108
72/ 71	2.5	6.7	4.8	.8	1.2	.1													118	118	168	142
70/ 69	1.9	3.6	2.3	1.7		.1													78	78	131	154
68/ 67	1.2	2.3	1.7	.8	.7	.3													51	51	67	91
66/ 65	.6	2.1	1.2	.8	.1														35	36	60	58
64/ 63	.7	1.4	.4	.3															20	20	37	54
62/ 61		1.2	.6	.1	.1														14	14	31	39
60/ 59	.1	.7	.6																10	10	18	30
58/ 57		.1																	1	1	12	23
56/ 55																					6	16
54/ 53																						2
52/ 51																						7
50/ 49																						1
TOTAL	9.8	59.3	31.4	12.8	5.5	1.2													726	729	726	726

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 92 F	Total
Dew Point	3343836	472778	67.9	8.888	726			63.8	35.0			93
Wet Bulb	3588367	961353	69.4	9.682	726			71.8	29.1			93
Dry Bulb	3810743	526119	72.2	9.277	729			82.7	52.2	2.8		93
Rel. Hum.	5499193	62825	86.5	9.291	726							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724080 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — AUG MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.4													3	3		
84/ 83				1.2	.8													12	12		
82/ 81			.6	1.9	1.1	.1												27	27		
80/ 79		.8	2.9	3.5	1.2	.6	.1											66	66		
78/ 77		3.7	6.4	3.2	1.9	.1												111	111	31	8
76/ 75	1.8	6.8	7.3	3.0	1.0	.7												183	183	89	89
74/ 73	1.8	6.6	6.4	1.8	1.9	.1												135	135	171	120
72/ 71	1.8	3.7	4.2	1.5	1.1													89	89	134	152
70/ 69	1.1	1.9	1.4	1.8	.3	.4												50	50	95	124
68/ 67	1.1	1.2	2.2	.6		.3												39	39	64	78
66/ 65	.4	1.7	.3	.8	.3													25	25	62	66
64/ 63	.3	.8	.1	.3														8	8	39	56
62/ 61		.7	.1	.1	.1													8	8	12	38
60/ 59	.1	.1		.4		.1												6	6	12	22
58/ 57																				8	14
56/ 55																				1	5
54/ 53																				3	5
52/ 51																				1	8
50/ 49																					3
48/ 47																					1
46/ 45																					1
TOTAL	8.0	27.9	31.9	20.2	9.8	2.5	.1											722	722	722	722

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.	5119658	60396	83.6	10.256	722							
Dry Bulb	3977613	53989	74.1	4.547	722			86.9	69.0	9.4		93
Wet Bulb	3685608	50920	70.5	4.480	722			73.2	37.5			93
Dew Point	3026399	49593	68.7	5.258	722			67.9	22.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040	PATUXENT RIVER NAS MD	73-80	AUG
STATION	STATION NAME	YEARS	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
96/ 95							.1											1	1		
94/ 93								.1	.1	.3								4	4		
92/ 91						.1	.1	.1	.1									4	4		
90/ 89					.3	.5	1.4	1.6		.1								29	29		
88/ 87					1.4	3.0	1.4	.7	.1									48	48		
86/ 85				1.1	3.0	3.4	1.2	.7	.5									73	73		
84/ 83			.5	3.7	4.5	1.4	1.8	.3	.1									90	90	2	
82/ 81		.1	1.8	5.9	5.0	1.9	1.2	.5	.1									122	123	3	
80/ 79		.4	4.0	4.4	2.7	2.6	.4	.4										109	109	47	5
78/ 77		1.4	3.1	2.7	1.6	.8	.8		.1									78	78	101	24
76/ 75		1.0	2.2	1.5	1.0	2.5	.4	.3										64	64	178	82
74/ 73	.5	.4	1.2	.7	2.6	1.0	.1											46	46	118	137
72/ 71		.5	1.0	.5	.5	.5												23	23	93	139
70/ 69		.3	1.1	.4	.3	.1	.1											17	17	56	84
68/ 67	.5	.1	.4	.1	.5	.4												16	16	37	63
66/ 65	.1	.4		.1	.5													9	9	57	51
64/ 63																				20	43
62/ 61																				9	42
60/ 59																				5	28
58/ 57																				7	10
56/ 55																					11
54/ 53																					8
52/ 51																					4
50/ 49																					2
TOTAL	1.0	4.6	15.3	21.1	24.0	18.3	9.1	4.8	1.4	.4								733	734	733	733

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3707559	51455	70.2	11.424	733							
Dry Bulb	4737696	58834	80.2	5.458	734			91.9	84.8	54.2	.6	93
Wet Bulb	3905817	53397	72.8	6.674	733			80.6	57.0	2.3		93
Dew Point	3543294	50794	69.3	9.662	733			67.8	31.5	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AMS (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
98/ 97											.3								2	2		
96/ 95								.3	.1	.1	.1								5	5		
94/ 93						.1	.4	.4	1.1	1.1	.1								24	24		
92/ 91					.3		1.5	1.0	1.9	1.0									41	41		
90/ 89					.7	1.5	1.9	2.9	1.0	.4									61	61		
88/ 87			.1		1.0	3.8	5.0	1.1	.3	.3									70	70		
86/ 85				.4	4.3	4.8	1.0	2.6	.5	.3									101	101		
84/ 83			.4	2.6	4.9	3.2	1.1	1.9	1.1		.4								119	119	5	
82/ 81			1.1	4.5	2.9	2.1	1.1	2.1	.4										103	103	19	3
80/ 79		.3	1.8	1.5	1.6	2.1	.7	.5	.1										63	63	44	5
78/ 77		.1	1.2	1.0	.5	1.9	.7	1.1	.3										50	50	156	31
76/ 75			.3	1.1	1.1	1.4	.5												32	32	159	69
74/ 73			.8		.3	1.2	.4												20	20	91	136
72/ 71		.1	1.5	.1		.5	.4												20	20	71	109
70/ 69		.7	.4	.1	.4	.3	.1												15	15	50	91
68/ 67	.1	.1	.1																3	3	62	67
66/ 65	.1																		1	1	29	59
64/ 63		.3																	2	2	26	32
62/ 61	.1																		1	1	12	45
60/ 59																					3	30
58/ 57																					1	17
56/ 55																						16
54/ 53																						10
52/ 51																						5
50/ 49																						3
TOTAL	.4	1.6	7.8	11.4	18.0	22.9	12.9	13.9	6.9	3.2	1.0								728	728		728
																			728		728	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Hours No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3009679	49949	63.1	12.302	728							
Dry Bulb	3036860	60529	83.1	5.870	728			92.5	87.6	71.7	9.0	93
Wet Bulb	3980193	53218	73.5	9.739	728			83.9	60.6	9.7		93
Dew Point	3888893	50161	68.9	6.082	728			68.3	31.2	.5		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
96/ 95							.1			.3	.3							5	5		
94/ 93							.1	.7	.4	.4								12	12		
92/ 91						.4	.8	1.2	1.2	.6	.1							32	32		
90/ 89					.6	1.8	1.9	2.2	.7	.3								54	55		
88/ 87					1.1	3.3	2.4	1.5	.8									66	66		
86/ 85				1.5	3.2	4.1	2.1	1.2	.7	.8								99	99		
84/ 83				2.4	5.5	2.6	1.9	1.8	1.5	.6	.1							119	120	1	
82/ 81			.8	3.5	3.2	1.2	1.2	1.7	.8									87	87	14	
80/ 79		.3	2.6	2.8	1.9	1.4	1.4	.4	.1	.1								80	80	50	5
78/ 77		.1	1.9	1.0	1.8	.6	1.4	1.2	.3									60	60	123	28
76/ 75		.7	.6	1.9	1.2	1.2	.1	.1	.1									44	44	148	62
74/ 73		.7	.8	.6	.6	.6	.7	.1										29	29	119	119
72/ 71	.4	.4	.6	.1			.3											13	13	76	131
70/ 69	.1	.1	.6	.3	.4	.6												15	15	63	96
68/ 67		.3	.4															5	5	59	59
66/ 65																				31	53
64/ 63																				21	42
62/ 61		.4																3	3	12	39
60/ 59																				6	33
58/ 57																					24
56/ 55																					14
54/ 53																					9
52/ 51																					4
50/ 49																					3
48/ 47																					2
TOTAL	.6	3.0	8.3	19.0	19.5	17.8	14.5	12.3	6.4	3.0	.6								725		723
																		723		723	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5105980	466434	64.2	12.967	723							
Dry Bulb	4950360	59760	82.4	5.658	725			92.6	88.4	67.2	2.2	93
Wet Bulb	3889001	52919	73.2	4.658	723			84.0	58.5	5.1		93
Dew Point	3439462	49636	68.7	6.099	723			64.3	27.5	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91										.1								1	1		
90/ 89					.1	.1	.6	.1	.1									8	8		
88/ 87				.1	.1	.7	1.4	.4										20	20		
86/ 85				1.0	1.0	2.2	.7	.4										38	38		
84/ 83			.4	1.7	2.3	2.3	.8	.4	.1	.1								60	60		
82/ 81			2.2	4.3	3.3	1.7	1.1	.8	.1									98	98	2	
80/ 79	.1		3.6	4.5	3.2	2.8	1.1											111	111	23	4
78/ 77		1.1	4.1	4.0	3.6	.8	.7	.1										105	105	49	16
76/ 75	.1	2.9	3.7	3.2	1.2	1.7	.7	.4										101	101	119	51
74/ 73	1.0	2.1	2.2	2.1	1.4	1.7	.3	.3										79	79	165	101
72/ 71	1.0	1.1	.8	.8	1.2	.4	.1	.1										41	41	117	145
70/ 69	.6	1.1	1.4	1.1	.6	.6												38	38	85	103
68/ 67		.7	.7	.3	.8	.3												20	20	57	77
66/ 65					.1	.1												2	2	47	61
64/ 63					.1													1	1	31	49
62/ 61		.4																3	3	16	37
60/ 59																				11	30
58/ 57																				5	17
56/ 55																				1	13
54/ 53																					11
52/ 51																					7
50/ 49																					1
48/ 47																					2
46/ 45																					1
TOTAL	2.8	9.4	19.1	23.0	19.1	15.3	7.4	3.2	.4	.3								726	726	726	726

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.	4108902	53154	73.2	12.716	726							
Dry Bulb	4420694	56932	77.9	5.075	726			92.2	79.5	35.6		93
Wet Bulb	3728988	51926	71.5	4.558	726			78.8	45.4	1.3		93
Dew Point	3908088	49562	68.3	5.828	726			63.7	22.8	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 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
-8/ 87						.1												1	1		
-6/ 85				.1	.3	.4	.1											7	7		
-4/ 83				1.4	.4	.4												16	16		
-2/ 81			1.4	4.2	.9	.9	.1											56	56		
- / 79		.5	2.8	4.6	.4	.4	.3											67	67	3	
7-/ 77		1.8	5.7	4.9	2.3	.5	.1											113	113	31	8
76/ 75	1.2	4.9	6.2	5.1	1.9	.5	.1											148	148	98	48
74/ 73	.8	5.3	4.7	3.3	1.4	.4	.3											119	119	157	104
72/ 71	1.5	3.5	3.5	1.6	.8	.5												83	83	135	146
70/ 69	.8	1.9	2.3	1.8	1.1	.5												62	62	114	127
68/ 67	.3	.5	1.9	1.6	.5	.4												39	39	71	80
66/ 65	.1	.7	.1	.7	.1													13	13	40	69
64/ 63			.1	.5	.1													6	6	40	42
62/ 61		.4	.3	.4														8	8	21	40
60/ 59																				15	24
58/ 57																				11	17
56/ 55																				2	14
54/ 53																					10
52/ 51																					8
50/ 49																					1
TOTAL	4.1	19.5	28.9	30.2	10.3	5.3	1.1											758	738	738	738

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4867509	59423	80.5	10.601	738							
Dry Bulb	4145310	55210	74.8	4.516	738			89.6	66.4	14.2		93
Wet Bulb	3685013	52043	70.5	4.511	738			76.7	36.4			93
Dew Point	3463578	50398	68.3	5.451	738			64.6	20.2			93

USAFETAC FORM 0-26-3 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — AUG 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
≥98/ 97											.0							2	2		
≥96/ 95							.0	.0	.0	.1	.1							11	11		
≥94/ 93						.0	.1	.2	.2	.2	.0							40	40		
≥92/ 91					.0	.1	.3	.3	.4	.2	.0							78	78		
≥90/ 89					.2	.5	.7	.9	.2	.1								152	153		
≥88/ 87			.0	.0	.4	1.4	1.0	.5	.2	.0								206	206		
≥86/ 85				.5	1.5	1.9	.6	.6	.2	.1								322	322		
≥84/ 83			.2	1.6	2.3	1.3	.7	.5	.4	.1	.1							417	418	.0	
≥82/ 81		.0	1.1	3.1	2.2	1.0	.6	.6	.1									514	515	38	3
≥80/ 79	.0	.4	2.5	3.1	1.5	1.3	.5	.2	.0	.0								556	557	168	19
≥78/ 77		1.5	3.8	2.9	1.6	.6	.5	.3	.1									663	663	512	121
≥76/ 75	.4	4.2	4.4	2.7	1.1	1.1	.2	.1	.0									835	836	888	801
≥74/ 73	1.0	4.0	4.1	1.6	1.4	.7	.2	.1										757	757	1130	928
≥72/ 71	1.2	2.6	2.4	1.0	.8	.3	.1	.0										490	490	954	1107
≥70/ 69	.7	1.5	1.5	1.1	.4	.3	.0											329	329	701	927
≥68/ 67	.5	.9	1.2	.7	.3	.3												228	228	483	598
≥66/ 65	.2	.9	.3	.3	.2	.0												111	112	397	439
≥64/ 63	.1	.3	.1	.1	.1													48	48	256	380
≥62/ 61	.1	.4	.2	.1	.0													48	48	138	317
≥60/ 59	.0	.2	.1	.1		.0												23	23	80	224
≥58/ 57		.0																1	1	54	143
≥56/ 55																				16	93
≥54/ 53																				3	60
≥52/ 51																				1	28
≥50/ 49																					16
≥48/ 47																					9
≥46/ 45																					2
≥44/ 43																					1
TOTAL	4.2	17.1	21.9	19.1	14.1	10.7	5.6	4.3	1.9	.9	.2							5827	5833	5827	5827

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.	3497 8184	441206	75.7	14.178	5827							
Dry Bulb	3540 2087	450565	77.2	8.390	5833			714.9	581.4	258.9	6.8	744
Wet Bulb	2986 8907	416227	71.4	9.787	5827			623.3	350.4	13.4		744
Dew Point	2758 1118	399272	68.5	5.598	5827			523.5	187.9	.9		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | SEP MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81					.3													2	2		
80/ 79			.6		.3	.3												8	8		
78/ 77	.1	.4	1.4	.9	.7													25	25	3	1
76/ 75		2.2	2.7	1.1	.4	.4	.1											49	49	10	7
74/ 73	1.4	2.4	2.2	2.3	.6													62	62	42	27
72/ 71	1.6	5.3	3.6	1.3	.6	.1												87	87	74	56
70/ 69	2.9	2.9	3.7	2.0	.9	.3	.1											89	92	73	71
68/ 67	1.3	2.3	5.6	3.0	.9	.6	.1											96	96	75	59
66/ 65	1.6	5.2	5.2	2.4	.3	.1												89	90	75	69
64/ 63	.6	2.4	2.4	2.2	.3	.6												59	59	94	61
62/ 61	2.0	1.1	1.7	.7	.9	.1	.1											40	40	66	85
60/ 59	.1	.7	2.0	1.9	.6	.1												38	38	53	55
58/ 57	.3	.6	2.3	.6		.4												29	30	40	44
56/ 55		.7	.3	.6		.3												13	14	24	44
54/ 53		.1	.4	.1														5	5	36	20
52/ 51		....	.1	....														1	1	15	34
50/ 49			.1	.1	.3													4	4	6	22
48/ 47																				5	11
46/ 45																				2	14
44/ 43																				2	4
42/ 41																				1	2
40/ 39																					3
38/ 37																					3
36/ 35																					3
34/ 33																					1
TOTAL	10.9	26.4	32.5	19.3	6.9	3.4	.6												702		696
																		696		696	

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.	4823019	57525	82.6	12.106	696							
Dry Bulb	3235534	47482	67.6	5.894	702			54.0	16.7	1.0		90
Wet Bulb	2897409	44683	64.2	6.434	696			35.8	7.1			90
Dew Point	2710620	43090	61.9	7.855	696			28.6	9.5			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 79		.1		.4	.1													5	5		
[illegible] 77		.4	1.2	.4	.6													18	18	2	
76/ 75	.3	.6	2.2	.7	.1	.4												30	30	8	7
74/ 73	1.0	3.0	2.6	.9	.1	.1												58	55	25	16
72/ 71	3.5	4.2	3.2	1.4	.1	.1												87	87	82	55
70/ 69	3.5	3.3	3.6	.7	.4	.1												81	82	71	80
68/ 67	2.3	3.9	4.2	1.7	.3	.4												89	93	72	55
66/ 65	2.3	4.6	3.5	2.0	.4													102	102	82	88
64/ 63	1.2	2.7	2.7	1.4	1.0													63	63	87	65
62/ 61	.9	3.3	2.2	1.4	.4													57	59	59	70
60/ 59	.1	1.7	1.4	2.0	.1	.1												39	39	60	54
58/ 57	.1	.9	1.6		.8													21	21	44	60
56/ 55		1.3	1.9	.6	.4	.1												30	30	31	33
54/ 53		.6	.4	.4	.5													12	13	28	28
52/ 51			.3		.1													3	3	19	33
50/ 49			.1	.1	.1													3	3	15	29
48/ 47				.1														1	1	3	13
46/ 45																				3	13
44/ 43																				3	6
42/ 41																				1	1
40/ 39																					1
38/ 37																					1
36/ 35																					4
34/ 33																					2
TOTAL	15.1	32.7	30.8	14.5	5.3	1.6												695	704	694	695

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Hours No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	5118115	59121	85.1	11.319	695							
Dry Bulb	3145169	44869	66.6	5.995	704			97.3	13.8	.1		90
Wet Bulb	2851877	44287	63.7	6.559	695			33.7	4.5			90
Dew Point	2698067	42963	61.8	7.799	695			27.6	3.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — SEP 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
[illegible] 83					.1	.1	.1											3	3		
[illegible] 81						.1												1	1		
[illegible] 79	.4	.1		.4	.4													10	10	3	3
76/ 77	.3	1.0	1.6	.7	.9													31	31	5	4
76/ 75	.4	2.2	1.9	2.0	.1		.1											47	48	14	9
74/ 73	1.2	2.2	2.9	2.0	.7	.3												68	68	26	25
72/ 71	2.3	3.8	3.9	1.2	.7	.3												84	85	64	51
[illegible] 69	2.1	2.1	3.3	1.4	.9	.1												92	93	88	75
67/ 67	1.3	3.6	3.0	1.3	.6	.3												70	70	65	64
66/ 65	1.9	5.2	2.9	2.5	.7	.3												93	93	89	85
64/ 63	1.3	3.3	1.7	2.5	1.2	.4												72	72	78	69
62/ 61	.7	2.2	1.6	1.0	.6													42	43	65	57
[illegible] 59	.1	1.4	1.6	.9	.4													31	31	52	54
58/ 57	.3	.9	1.2	.4	.4													22	22	48	47
56/ 55		.7	.6	.6	.4													16	16	28	43
54/ 53		.1	.7	.1	.1													8	9	19	29
52/ 51			.3	.4														5	5	11	27
50/ 49				.1														1	1	14	10
48/ 47				.1														1	1	2	13
46/ 45																				4	14
44/ 43																				2	2
42/ 41																					5
40/ 39																					2
38/ 37																					5
TOTAL	13.0	29.4	29.1	17.7	8.4	2.0	.3											693	698	693	693

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 92 F	Total
Ref. Hum.	4948296	57962	83.6	11.800	693			52.2	28.2	1.3		90
Dry Bulb	3229090	47284	67.7	11.199	698			37.0	8.8	.4		90
Wet Bulb	2916127	44725	64.5	6.546	693			30.0	5.2	.4		90
Dew Point	2744978	43282	62.5	7.768	693							

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

22400 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | SEP MONTH

 0800-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31					
96/ 95										.1								1	1		
94/ 93									.1	.1								2	2		
92/ 91								.1										1	1		
88/ 87							.4	.3	.4	.1								11	11		
86/ 85			.1		.1	.7	.3	.1	.1	.1								12	12		
84/ 83			.4	.7	1.3	1.0	.3	.3	.3									10	10		
82/ 81		.4	.4	2.0	2.3	.9	1.0	.3	.1									52	52	2	
80/ 79		.4	1.0	2.1	1.8	1.0	1.0	.4										67	68	6	6
78/ 77	.1	.4	1.3	2.7	3.4	1.3	1.3	.4	.1									78	78	20	6
76/ 75	.3	.3	1.1	2.7	2.9	1.7	.7	.3										70	70	52	16
74/ 73		1.3	2.4	2.6	.9	1.3	.9		.1									66	66	60	31
72/ 71	.4	2.0	2.4	3.1	2.0	.7	.7	.1										81	81	76	48
70/ 69	.6	.7	1.7	2.3	2.0	1.4	.9											67	67	106	82
68/ 67	.3	1.1	1.7	1.1	1.7	1.7	.6											58	58	80	67
66/ 65	.1	.9	.7	1.0	1.6	.9	.1											41	41	71	78
64/ 63	.4	.4		.6	.7	1.1												23	23	57	78
62/ 61	.3	1.1	.9	.3	.9	.3	.3											28	28	47	69
60/ 59			.1	.1	.3	.1												5	5	42	52
58/ 57					.3	.1												3	3	40	60
56/ 55			.1		.1													3	3	18	36
54/ 53			.1		.1													2	2	12	29
52/ 51																				7	24
50/ 49																				4	23
48/ 47																				2	10
46/ 45																				1	10
44/ 43																					8
42/ 41																					3
38/ 37																					1
TOTAL	2.6	9.3	19.7	22.0	22.3	16.3	8.6	2.4	1.6	.6								702		702	781
																		781		781	

Element (X)	$\bar{x}'$	s_x	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 70 F	≤ 80 F	≤ 90 F	Total
Dat. Num.	3592310	59230	70.2	3.657	781							
Dry Bulb	3585775	51677	75.0	0.717	781			24.0	20.1	17.9	.9	98
Wet Bulb	3180398	49219	66.7	0.299	781			21.0	19.0	.0		98
Dew Point	2810815	48079	62.9	2.057	781			20.0	7.0	.1		98

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72410U (STATION) KAHULUI NAVAL MAS HI (STATION NAME) 73-80 (YEARS) SEP (MONTH)

 1200-1800 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
≥ 97											.1							1	1		
95 - 96									.1									1	1		
93 - 94							.1	.1										2	2		
91 - 92											.3							2	2		
89 - 90							.1	.8	.6	.1	.1	.3						15	15		
87 - 88						.8	1.7	1.0	.7	.3	.1							33	33		
85 - 86			.3	.4	1.8	1.1	.7	1.0	.4									41	41		
83 - 84				1.0	2.8	1.0	.6	.8	.6									48	48		
81 - 82			.1	.4	1.8	2.1	1.1	1.8	.6									57	57	3	
79 - 80		.6	.4	.6	2.8	3.7	1.3	1.3	.1									78	78	11	2
77 - 78	.3	.7	.6	1.7	2.7	1.3	3.3	1.1		.1								83	83	42	6
75 - 76		.3	2.3	1.6	2.7	2.3	1.0	.6	.3	.6								83	89	52	24
73 - 74		1.0	.3	1.1	3.3	1.4	1.7	.3	.1	.1								66	66	67	30
71 - 72	.4	.3	.8	1.7	.7	1.6	2.3	.6										59	59	101	62
69 - 70	.6	.3	1.1	.6	.7	1.6	1.1	.7	.3									49	50	59	70
67 - 68		.4	1.0	1.1	.7	1.1	.6	.4										38	38	81	56
65 - 66		.8	.1	.9	.8	.1	.6	.4										24	24	94	57
63 - 64	.3	.6	.1	.9	.1	.1	.1											13	13	98	79
61 - 62	.1	.1	.4			.1												6	6	51	64
59 - 60	.3					.3												6	6	90	58
57 - 58					.1	.3												3	3	26	52
55 - 56																				14	38
53 - 54																				9	28
51 - 52																				3	26
49 - 50																				5	18
47 - 48																					8
45 - 46																					13
43 - 44																					6
41 - 42																					10
40 - 39																					8
TOTAL	2.0	5.1	7.6	11.3	21.2	19.3	16.3	11.0	3.8	1.3	.7	.3						706		706	
																		706		706	

Element (X)	$\bar{X}'$	$S_{\bar{X}}$	$\bar{X}$	S_X	No. Obs.	Hours No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 78 F	≤ 80 F	≤ 90 F	Total
Dry Bulb	8103813	592135	76.8	6.760	706			65.6	65.0	30.3	.5	90
Wet Bulb	5276666	479691	67.8	6.384	706			93.8	22.3	.6		90
Dew Point	2813208	99176	62.6	8.238	706			72.5	8.2			90

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724180 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
98/ 97										.1									1	1		
96/ 95									.1										1	1		
92/ 91								.1											1	1		
90/ 89						.1	.1	.6	.1	.1									8	8		
88/ 87					.1	.6	.9	.9	.6	.1									16	16		
86/ 85				.1	.7	2.1	.1	.6	.3		.3								30	30		
84/ 83				.9	2.3	1.4	.9	1.0	.7										47	47		
82/ 81			.6	.6	2.7	1.7	1.0	1.1	.9	.3									62	62	1	
80/ 79			1.6	1.9	2.3	4.3	.7	1.1	.9	.3									88	88	8	
78/ 77	.1	.7	.9	2.0	3.6	1.9	2.0	.6	.1	.1									81	81	28	5
76/ 75	.1	.9	1.9	1.0	1.1	2.6	2.1	.6	.3	.9									77	78	59	24
74/ 73	.1	.9	1.1	2.7	2.0	2.0	1.1	1.6	.1										81	81	68	37
72/ 71	.3	.7	1.0	1.3	2.3	.7	2.1		.3	.1									62	62	89	63
70/ 69	.1	.7	.6	1.1	.9	1.3	1.8	.8	.6										50	50	81	73
68/ 67	.3	.7	1.0	1.6	.6	1.1	.4	.7											45	45	72	52
66/ 65	.4	.1		1.9	.9	.3	.9	.4											32	32	80	57
64/ 63		.1	.6	.3															7	7	64	72
62/ 61		.6	.1	.1			.1												7	7	53	49
60/ 59					.3	.1													3	3	47	66
58/ 57					.4														3	3	21	52
56/ 55																				1	10	26
54/ 53																					18	35
52/ 51																					3	30
50/ 49																				1	4	15
48/ 47																						12
46/ 45																						6
44/ 43																						11
42/ 41																						7
40/ 39																						9
38/ 37																						1
TOTAL	1.6	6.0	9.3	14.7	19.8	19.8	13.2	9.1	4.6	1.7	.3								702	705	702	702

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3092253	85369	68.6	15.118	702
Dry Bulb	4079878	93930	75.8	6.957	705
Wet Bulb	2220892	67496	67.5	6.179	702
Dew Point	2787373	53805	62.5	8.288	702

Element (X)	Mean No. of Hours with Temperature						
	≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.							
Dry Bulb			83.1	63.1	26.9	.3	90
Wet Bulb			52.1	21.8	.3		90
Dew Point			32.6	8.5			90

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724080 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91								.1										1	1		
90/ 89								.1										1	1		
88/ 87									.1									1	1		
86/ 85						.3												2	2		
84/ 83					.5	.6			.1									7	7		
82/ 81			.6	.4	1.0	.3	.1	.1										18	18		
80/ 79			1.8	2.1	1.0	1.1	.4	.4										49	49		
78/ 77	.1	.7	2.0	.7	2.0	.9	.7	.1	.1									52	53	7	2
76/ 75	.4	1.6	2.1	3.0	2.6	.9		.1										75	75	42	16
74/ 73	.4	2.4	3.0	3.1	1.7	1.1	.9											89	89	49	33
72/ 71	.6	2.8	3.7	3.4	1.4	1.1	.3	.2										96	96	70	58
70/ 69	.7	.9	3.5	2.3	2.3	1.4	.1											79	79	88	68
68/ 67	.1	1.3	3.1	3.3	1.0	1.1	.4	.1										74	74	75	49
66/ 65	.3	2.0	1.7	3.0	1.8	.6	.3											68	69	87	64
64/ 63	.4	.6	.9	2.3	1.1	.7	.4											45	45	76	84
62/ 61	.1	.4	.3	1.0	.1	.3	.1											17	18	63	65
60/ 59			.1	.9		.4												10	10	49	50
58/ 57		.1	.9	.1	.3													10	10	40	48
56/ 55			.1	.3														3	3	22	41
54/ 53				.3	.6													6	7	17	40
52/ 51			.3															2	2	7	28
50/ 49																				6	20
48/ 47																				4	12
46/ 45																				3	2
44/ 43																					8
42/ 41																					9
40/ 39																					6
38/ 37																					2
TOTAL	3.5	12.8	24.1	26.1	17.2	10.8	3.8	1.6	.4									705	709	705	705

Element (X)	Σx_i^2	Σx_i	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4009566	52336	74.2	13.292	705							
Dry Bulb	3600917	50343	71.0	6.093	709			69.2	37.6	6.5		90
Wet Bulb	3058852	46224	65.6	6.321	705			42.3	12.5			90
Dew Point	2762243	43771	62.1	7.964	705			28.9	6.5			90

FORM AS-64 0-26-5 (OL A) USAFETAC EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 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
86/ 87								.1										1	1		
84/ 83						.1	.1											2	2		
82/ 81			.1	.4		.1												5	5		
80/ 79			.6	1.1	.3													14	14		
78/ 77	.1	.9	2.1	1.7	.4	.6												41	41	4	1
76/ 75	.4	1.8	2.0	1.0	1.5	.5	.1											49	50	21	11
74/ 73	.7	3.6	2.1	2.8	1.0	.1												73	73	56	33
72/ 71	1.1	3.4	5.0	2.3	1.1	.4	.3											96	97	53	58
70/ 69	1.4	2.6	3.3	1.8	1.0	.7	.4											79	80	75	64
68/ 67	.6	1.6	5.8	2.7	1.1	1.0	.1											91	91	88	86
66/ 65	.1	4.3	4.3	3.1	1.1		.3		.1									94	95	54	67
64/ 63	.3	2.1	2.7	1.7	.4	.1	.4											55	55	109	72
62/ 61	.6	1.3	1.4	1.6	.3	.6	.3											42	42	70	70
60/ 59		.3	1.6	1.6	.4	.4												30	30	61	75
58/ 57		1.3	.9	.3	.3	.1												20	20	32	39
56/ 55			.3	.1														3	3	37	47
54/ 53			.3	.1	.1													4	4	20	31
52/ 51				.0	.1													5	5	12	29
50/ 49																				10	23
48/ 47																				2	10
46/ 45																				4	6
44/ 43																					4
42/ 41																					8
40/ 39																					6
38/ 37																					3
34/ 33																					1
TOTAL	5.4	23.0	32.4	23.0	9.1	4.7	2.1	.1	.1									704	708	704	704

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.	4568586	560.40	79.6	12.376	704							
Dry Bulb	3359989	48599	68.6	5.829	708			57.7	23.6	1.4		90
Wet Bulb	2960522	46432	64.5	6.379	704			37.5	10.4			90
Dew Point	2736638	43538	61.8	7.919	708			27.2	5.8			90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

124[illegible]0 — STATION
PATUXENT RIVER NAS MD — STATION NAME
73-80 — YEARS
SEP — 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					
98/ 97										.0	.0								2	2		
96/ 95									.0	.0									3	3		
94/ 93							.0	.0	.0	.0									4	4		
92/ 91								.1			.0								5	5		
90/ 89						.0	.0	.2	.1	.0	.0	.0							24	24		
88/ 87					.0	.2	.3	.2	.2	.1	.0								62	62		
86/ 85			.1	.1	.3	.5	.1	.2	.1	.0	.0								85	85		
84/ 83			.1	.3	.9	.5	.2	.2	.2										137	137		
82/ 81		.1	.2	.5	1.0	.7	.4	.4	.2	.0									197	197	6	
80/ 79	.1	.2	.7	1.1	1.1	1.6	.4	.4	.1	.0									319	320	28	11
78/ 77	.2	.7	1.4	1.4	1.8	.7	.9	.3	.1	.0									409	410	111	27
76/ 75	.2	1.2	2.0	1.6	1.4	1.1	.5	.2	.1	.1									480	484	258	119
74/ 73	.6	2.1	2.1	2.2	1.3	.8	.6	.2	.1	.0									555	556	413	232
72/ 71	1.3	2.8	2.9	2.0	1.1	.6	.7	.1	.0	.0									652	654	609	451
70/ 69	1.6	1.7	2.9	1.5	1.1	.9	.5	.1	.1										586	593	641	587
68/ 67	.8	1.9	3.2	2.0	.9	.9	.3	.2											561	565	604	496
66/ 65	.8	3.2	2.0	2.1	.9	.3	.2	.1	.0										543	546	628	561
64/ 63	.6	1.5	1.4	1.4	.6	.4	.1												337	337	613	575
62/ 61	.5	1.3	1.1	.8	.4	.2	.1												239	243	474	509
60/ 59	.1	.5	.9	.9	.3	.2													160	160	404	460
58/ 57	.1	.5	.8	.2	.3	.1													111	112	291	372
56/ 55		.3	.4	.3	.1	.1													68	70	182	304
54/ 53		.1	.2	.1	.2														37	40	155	240
52/ 51			.1	.1	.0														16	16	77	233
50/ 49			.0	.1	.1														8	9	64	155
48/ 47				.0															2	2	18	89
46/ 45																					17	78
44/ 43																					7	47
42/ 41																					2	44
40/ 39																						38
38/ 37																						18
36/ 35																						7
34/ 33																						4

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (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	0.7	18.0	22.5	18.6	13.8	9.8	5.6	3.1	1.3	.4	.1	.0							5602	5636	5602	5602

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	3313296?	422087	75.3	5.813	5602							
Dry Bulb	28670163	399907	71.0	7.228	5636			523.9	292.4	85.6	1.1	720
Wet Bulb	24387802	367562	65.6	6.561	5602			393.2	104.9	2.1		720
Dew Point	22089198	348749	62.3	8.002	5582			250.1	49.8	.6		720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | OCT MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
79/ 75		.4	.4	.1	.1	.4												11	11		
74/ 71				.5	.1	.1												6	6	3	3
70/ 69		.8	.3															8	8	4	
68/ 67		2.0	2.0	1.0	.1													38	38	13	13
66/ 65	1.1	3.7	2.0	.7	.1													56	56	35	21
64/ 63	.5	3.7	1.0	1.6	.8		.1											55	55	48	29
62/ 61	1.1	1.5	1.5	1.5	.1	.4												45	45	50	53
60/ 59	1.4	1.1	1.9	.4	1.0													42	42	38	38
58/ 57	.8	1.9	4.1	1.1	.3													60	60	40	29
56/ 55	1.1	.8	2.3	2.3	1.0													55	55	52	37
54/ 53	.7	1.6	3.3	2.7	1.5													72	72	49	53
52/ 51	.5	1.6	3.8	2.5	.4													64	64	50	37
50/ 49	1.0	1.8	2.9	2.5	.7													65	65	66	56
48/ 47	.3	3.1	1.5	1.2	.3													47	47	70	36
46/ 45	.5	.4	1.4	2.3														32	32	69	54
44/ 43	.5	.5	1.2	1.2	.4													29	29	34	63
42/ 41	.1	.8	1.0	1.2														23	23	30	37
40/ 39		.1	1.0	.1														17	17	37	51
38/ 37			.7															5	6	18	16
36/ 35		.3	.4															5	5	19	28
34/ 33																				6	26
32/ 31																				2	21
30/ 29																					17
28/ 27																					10
26/ 25																					3
24/ 23																					1
22/ 21																					1
TOTAL	9.1	26.9	32.6	23.3	7.0	1.0	.1												734		733
																		733		733	

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.	4644419	575599	78.6	12.979	733							
Dry Bulb	2287073	40519	55.2	8.284	734			8.0	1.4			93
Wet Bulb	2021436	37966	51.8	8.666	733		.3	2.5				93
Dew Point	1798127	35505	48.4	10.345	733		6.7	2.0				93

USAFETAC FORM 24 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | OCT MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.5															4	4		
72/ 71			.3	.3	.1													5	5		
70/ 69		.3	1.1	.1														11	11	5	1
68/ 67	.5	1.5	.8															18	18	14	12
66/ 65	1.2	2.7	1.8	.5			.1											47	47	27	23
64/ 63	1.0	5.2	1.4	.7	.1	.1	.1											63	64	50	29
62/ 61	1.4	2.2	1.1	1.0	.1													42	42	44	54
60/ 59	.5	1.2	2.3	.5	.4	.4												40	41	32	28
58/ 57	1.1	2.6	3.0	1.0	.5													60	60	34	30
56/ 55	.8	2.9	2.5	1.1	.7													58	58	38	32
54/ 53	.8	2.6	3.2	2.6	.5													71	71	52	52
52/ 51	.7	1.4	2.7	2.3	.1													53	53	57	46
50/ 49	1.0	3.2	2.9	2.3	.5													72	72	60	49
48/ 47	.7	2.9	1.6	1.9	.7													57	57	62	45
46/ 45	.3	1.8	.8	1.2														30	32	70	47
44/ 43	.1	1.2	1.4	1.1	.1													29	29	56	50
42/ 41	.5	1.9	1.1	.8	.1													33	34	40	55
40/ 39		.7	1.8	.4	.1													22	22	33	48
38/ 37		.1	.4															4	4	18	24
36/ 35		.4	.5															7	7	23	27
34/ 33		.1	.3															3	3	11	19
32/ 31																				1	28
30/ 29																				2	15
28/ 27																					6
26/ 25																					5
24/ 23																					2
22/ 21																					1
20/ 19																					1
TOTAL	10.7	35.0	31.1	18.0	4.4	.5	.3											729	734	729	729

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4865486	58812	80.7	12.883	729							
Dry Bulb	2203719	39761	54.2	8.247	734			4.8	.5			93
Wet Bulb	1963859	37299	51.2	8.727	729		.4	2.4				93
Dew Point	1768290	35104	48.2	10.345	729		7.4	1.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]40 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (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
[illegible]4/ 73		.1	.7	.3		.1												9	9		
[illegible]2/ 71		.1	.4															4	4	2	
[illegible]/ 69		.6	1.2	.1	.1													15	15	6	3
6[illegible]/ 67	1.0	1.4	1.8	.6	.1	.1												36	36	17	15
[illegible]6/ 65	.7	3.4	.6	.4	.4													40	40	32	18
[illegible]4/ 63	1.4	3.3	1.7	1.1	.1	.1												56	57	54	45
[illegible]2/ 61	1.1	1.5	1.4	.1	.4	.1												34	34	31	45
[illegible]/ 59	1.0	2.6	2.9	1.2	.3	.3	.3											62	62	43	24
[illegible]/ 57	.8	2.1	2.6	1.2	.3	.4												54	54	43	39
5[illegible]/ 55	1.0	2.3	1.8	1.1	1.0													52	52	50	44
[illegible]4/ 53	1.0	2.1	3.2	2.3	.4	.1												66	66	50	51
[illegible]2/ 51	1.0	1.9	2.8	2.9	1.1													70	70	49	38
5[illegible]/ 49	1.4	1.9	3.2	2.6	.7													71	72	[illegible]	42
4[illegible]/ 47	.7	1.5	1.4	1.0	.6													38	38	70	49
4[illegible]/ 45	.6	.8	1.0	1.4	.7													32	32	66	43
4[illegible]/ 43	.4	1.2	1.0	.8	.1													26	26	37	43
[illegible]2/ 41	.3	1.5	1.0	.6														24	24	33	48
4[illegible]/ 39	.4	1.0	1.2	.7														24	24	28	45
3[illegible]/ 37		.4	.4															6	6	22	40
3[illegible]/ 35		.1	.3															3	3	21	23
34/ 33		.3	.3															4	4	8	19
32/ 31																					22
3[illegible]/ 29																				2	14
2[illegible]/ 27																					8
26/ 25																					7
22/ 21																					2
TOTAL	12.6	30.3	30.6	18.5	6.3	1.4	.3											725	728	725	725

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.	4798971	58135	80.2	13.773	725							
Dry Bulb	2241139	39933	54.9	8.350	728			8.2	1.1			93
Wet Bulb	1993203	37477	51.7	8.789	725		.3	3.2				93
Dew Point	1791702	35228	48.6	10.509	725		6.8	2.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥ 84 / 83							.1											1	1		
82 / 81							.1		.1									2	2		
80 / 79					.1	.3	.1	.1	.1									6	6		
78 / 77				.4	.5		.1	.5										10	10		
76 / 75			.3	1.0	.7	.4	.7	.1	.1									24	24		
74 / 73			.7	1.4	.3	.4	.5	.1	.1									26	26	1	
72 / 71		.3	1.1	.5	.8	.5	.3	.1										27	27	11	
70 / 69	.1	.3	1.5	1.2	.8	.7	.7		.1									40	40	25	12
68 / 67	.5	1.4	1.6	1.2	1.4	.8	.5	.5	.1									58	58	28	15
66 / 65	.4	2.1	1.0	1.9	.3	1.0	.1	.3	.1									52	53	39	37
64 / 63	.8	2.1	1.1	1.4	2.3	1.1	1.2	.3										75	75	60	40
62 / 61	1.1	1.2	1.2	1.4	1.8	2.2	.7	.3										72	72	57	42
60 / 59	.5	1.5	1.5	1.4	1.6	2.2	1.0	.3										73	74	58	36
58 / 57	.4	.3	1.2	1.2	3.8	1.2	.4	.1										68	65	46	28
56 / 55	.3	.1	1.5	1.4	1.5	1.5	.4											49	49	53	47
54 / 53		.1	1.2	1.9	1.9	1.4												48	48	38	28
52 / 51		.1	1.2	1.0	1.4	.5												31	31	68	33
50 / 49	.1	.3	.8	.3	1.1	.8												25	25	75	47
48 / 47	.1	.5	.3	.5	1.1	.4												22	22	55	35
46 / 45				.5	.3													6	6	39	37
44 / 43			.1	.4	.5													8	8	23	59
42 / 41	.1	.3		.3	.1													6	6	21	45
40 / 39	.1		.1	.3														4	4	17	38
38 / 37				.1														1	1	9	27
36 / 35																				6	28
34 / 33																				1	18
32 / 31																					23
30 / 29																					11
28 / 27																					17
26 / 25																					6
24 / 23																					1
TOTAL	4.8	10.5	16.6	19.7	22.5	15.5	7.1	2.3	1.0										733		730
																		730		730	

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.	5458580	48574	66.5	16.821	730							
Dry Bulb	2800049	44911	61.3	8.127	733			24.6	8.8	.9		93
Wet Bulb	2262202	40172	55.0	8.408	730			8.3	.1			93
Dew Point	1869845	35999	49.3	11.086	730		7.9	3.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | OCT MONTH

 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 85								.3	.1	.1								4	4		
84/ 83				.1		.1	.3	.3			.3	.1						9	9		
82/ 81					.1	.7	.5	.1	.4	.5	.1							15	15		
80/ 79					.1	.4		.6	.4		.1							12	12		
78/ 77			.3	.6	.4	.4	1.1	.7	.1									26	26	1	
76/ 75			.1	1.0	1.1	.7	.3	.1	.1									25	25	1	1
74/ 73			.6	.8	.8	.8	.7	1.0		.3								36	36	6	1
72/ 71		.3	.6	.8	1.1	1.4	1.2	.4	.6									46	46	18	1
70/ 69		.4	1.9	1.5	1.1	1.5	1.2	.7	.3	.1								64	64	22	12
68/ 67	.4	.7	1.1	1.0	1.4	1.2	1.0	1.1	.7									62	62	39	12
66/ 65	.4	1.2	.3	1.0	.8	1.8	1.2	1.0	.1									57	57	50	36
64/ 63	.3	1.2	.8	1.5	1.0	1.5	3.0	.6	.3									74	74	58	39
62/ 61	.1	1.7	.6	.8	1.7	2.9	1.9	.7	.3									77	77	51	34
60/ 59	.3	.4	1.4	.4	1.2	2.9	1.2	.3	.3									61	61	65	40
58/ 57	.1	.1	.7	.7	1.0	2.1	1.5	.4										48	48	51	42
56/ 55		.3	.3	.7	1.2	1.4	.7											33	33	47	39
54/ 53			.4	.3	.6	1.0	.7											21	21	58	53
52/ 51			.6	.3	1.1	.7	.3											21	21	72	37
50/ 49			.1	.1	.1	.8												9	9	51	30
48/ 47		.6			.1	.3												11	12	43	28
46/ 45	.3			.1	1.0													10	10	39	38
44/ 43	.1			.1														2	2	20	55
42/ 41		.1																1	1	11	47
40/ 39	.1																	1	1	18	31
38/ 37	.1																	1	1	5	34
36/ 35																					31
34/ 33																					26
32/ 31																					17
30/ 29																					17
28/ 27																					16
26/ 25																					4
24/ 23																					5
TOTAL	2.3	7.0	9.6	11.8	16.5	22.6	16.7	8.1	3.7	.8	.0	.1						726	727	726	726

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.	2711629	42575	58.6	17.216	726							
Dry Bulb	3096232	47046	64.7	8.448	727			38.2	16.2	4.1		93
Wet Bulb	2356125	40921	56.4	8.272	726			11.1	1.0			93
Dew Point	1833126	35538	49.0	11.358	726		7.6	3.5	.3			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724080 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — OCT MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85								.1										1	1		
84/ 83							.3	.4		.1	.3							8	8		
82/ 81									.4									3	3		
80/ 79			.1	.1		.8		.1	.1		.1							8	8		
78/ 77				.1	1.0	.5	.3	.5	.1	.1								20	20		
76/ 75			.4	.5	.7	.5	.7	.5	.3	.1								28	28	1	
74/ 73			.4	1.5	.8	.8	.8	.3	.1									35	35	2	1
72/ 71		.1	.7	1.2	1.0	1.1	.8	.8	.3	.1								45	45	12	2
70/ 69	.1	.5	.7	2.0	1.4	1.9	.7	.4	.3	.1								60	60	29	9
68/ 67	.3	1.0	1.1	1.8	.8	1.8	.8	.5	.3									61	61	24	15
66/ 65	.4	.5	1.2	1.9	1.1	1.6	1.4	.3										62	62	45	28
64/ 63	.3	2.5	1.2	1.8	.7	1.9	1.2	.4	.5									77	77	59	35
62/ 61	.1	1.1	1.1	.7	1.2	1.9	1.1	.8	.4									62	62	73	38
60/ 59	.4	.3	2.0	.8	2.2	2.2	1.2	.3	.1									70	70	68	48
58/ 57	.1	.3	.1	.8	1.9	2.0	1.4	.1										50	51	54	46
56/ 55	.3	.5	.4	.7	1.2	1.6	1.1											43	43	47	41
54/ 53	.1		.4	1.4	.3	1.9	.4											33	33	58	58
52/ 51	.1		.6	.5	.5	.8	.5											23	23	56	34
50/ 49		.1		.4	.4	.8												13	13	51	29
48/ 47		.4	.6	.3	.7	.3												15	15	56	34
46/ 45				.1	.4													4	4	32	43
44/ 43	.5	.3		.7	.1													12	12	35	56
42/ 41		.1																1	1	12	41
40/ 39																				16	38
38/ 37																				8	23
36/ 35																					20
34/ 33																					31
32/ 31																					21
30/ 29																					22
28/ 27																					6
26/ 25																					12
24/ 23																					3
TOTAL	2.9	7.8	11.2	17.4	16.3	22.2	12.4	5.7	3.0	.7	.4							734	735	734	734

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2979508	48969	61.3	17.523	734							
Dry Bulb	3016009	46693	63.5	8.229	735			34.0	13.0	2.2		93
Wet Bulb	2391161	41019	55.9	8.163	734			8.6	.4			93
Dew Point	1856395	35975	49.8	11.219	734		8.1	3.9	.1			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
Air Weather Service/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PAUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) OCT (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
76/ 75			.1	.3	.4	.1	.4											10	10			
74/ 73			.4	.4	.3	.3												10	10			
72/ 71		.6	.8	.6	.6	.1		.1										20	20	3		
70/ 69		.8	1.2	.4	1.1		.3	.1										29	29	14		10
68/ 67	.4	.7	2.1	1.4	.8	.6	.1											44	44	20		12
66/ 65	.3	2.5	1.1	1.2	1.7	.1												50	50	27		20
64/ 63	.3	3.3	1.7	2.3	1.1	.4												66	66	51		29
62/ 61	.6	2.2	1.7	1.5	1.2	.8	.1											59	59	48		38
60/ 59	.3	1.1	2.9	1.9	1.5	.8	.3											64	64	46		43
58/ 57	.4	1.0	2.8	2.2	2.2	.4	.3											67	67	66		38
56/ 55	.6	1.1	1.7	2.9	2.2	.6												65	65	50		44
54/ 53	.3	.6	1.8	2.1	1.8	1.1	.3											57	57	59		54
52/ 51	.3	.6	2.9	2.6	1.9	.4												63	63	52		48
50/ 49		1.1	1.9	.8	1.4	.4												41	41	69		38
48/ 47	.1	.1	1.0	2.2	.7	.4												33	33	60		44
46/ 45	.1		.3	1.0	.6													14	14	43		48
44/ 43	.1	.1	.7	1.2	.1													17	17	40		36
42/ 41	.4	.6	.1	1.0														15	15	37		42
40/ 39				.4														3	3	22		37
38/ 37																			1	10		26
36/ 35																				8		23
34/ 33																				2		31
32/ 31																						18
30/ 29																						10
28/ 27																						16
26/ 25																						7
TOTAL	4.1	16.2	25.0	26.4	19.5	6.6	1.8	.3										727	728	727		727

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3895547	52113	71.7	19.849	727							
Dry Bulb	2504903	42323	58.1	7.816	728			14.4	2.6			93
Wet Bulb	2112865	38733	53.3	8.237	727			9.7				93
Dew Point	1798496	35348	48.6	10.485	727		6.5	2.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724180 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — OCT 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
74/ 73		.3	.3		.4		.4											10	10		
72/ 71		.4	.4		.1	.4												10	10	5	2
70/ 69		1.2	1.2	.8	.3	.1												27	27	9	7
68/ 67		.8	2.3	.3	.4	.1	.1											10	10	10	8
66/ 65	.7	2.3	1.0	2.5	1.1		.3											57	57	22	16
64/ 63	.8	3.2	.7	2.2	.3	.3												51	51	43	28
62/ 61	.7	2.2	1.9	1.2	.5		.1											47	47	51	43
60/ 59	.7	1.8	1.8	1.9	.7	.1												50	50	39	35
58/ 57	1.0	1.2	2.6	1.9	1.2	.5												62	62	62	40
56/ 55	.8	1.6	3.0	3.3	2.1	.3												78	78	81	36
54/ 53	.7	1.1	2.5	1.6	.7	.1	.3											51	51	54	48
52/ 51	.5	1.9	3.2	2.9	1.1	.1												71	72	60	47
50/ 49	.1	1.8	2.9	1.4	1.8													58	58	67	51
48/ 47	.3	1.1	1.0	2.3	.9													38	38	72	49
46/ 45	.3	1.0	1.0	1.1	.5													28	29	47	40
44/ 43	.1	.3	.5	1.1														15	16	33	42
42/ 41	.5	.3	1.6	1.4														28	28	44	40
40/ 39		.1	.8	.9														10	10	21	25
38/ 37			.7	.5														7	7	18	21
36/ 35																				16	16
34/ 33																				8	14
32/ 31																					18
30/ 29																					11
28/ 27																					22
26/ 25																					4
TOTAL	0.5	22.1	29.5	26.8	11.4	2.2	1.2											728	731	728	728

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Room No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 95 F	Total
Rel. Hum.	8308875	55105	75.6	9.018	728							
Dry Bulb	2351940	91036	56.1	8.137	731			9.8	1.3			93
Wet Bulb	2031176	37936	52.1	8.478	728			3.3				93
Dew Point	1772173	38117	48.2	8.385	728		1.0	2.2				93

FORM AF 96 0-26-5 (OL A) REVISED NOV 205 EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 PATUXENT RIVER NAS MD 73-80 OCT
STATION STATION NAME YEARS MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥ 87								.1	.0	.0								5	5		
84 - 86				.0		.0	.1	.1		.0	.1	.0						18	18		
81 - 83					.0	.1	.1	.0	.1	.0	.0							20	20		
78 - 80			.0	.0	.0	.1	.0	.1	.1		.0							26	26		
75 - 77			.0	.1	.2	.1	.2	.2	.0	.0								56	56	1	
72 - 74			.1	.3	.4	.2	.3	.1	.1	.0								87	87	2	1
69 - 71		.1	.5	.6	.3	.4	.3	.2	.0	.0								141	141	9	2
66 - 68		.2	.5	.5	.5	.5	.3	.2	.1	.0								163	163	32	8
63 - 65	.0	.6	1.1	.8	.6	.5	.4	.2	.1	.0								254	254	114	54
60 - 62	.4	1.2	1.6	.9	.6	.6	.3	.2	.1									347	347	169	102
57 - 59	.7	2.3	1.1	1.3	.7	.6	.4	.2	.0									421	422	277	199
54 - 56	.6	3.1	1.2	1.6	.8	.7	.7	.2	.1									517	519	427	273
51 - 53	.8	1.7	1.5	1.0	.9	1.0	.5	.2	.1									438	438	405	348
48 - 50	.6	1.5	2.1	1.1	1.1	1.1	.5	.1	.1									462	464	385	292
45 - 47	.6	1.2	2.1	1.3	1.4	.8	.4	.1										465	467	396	308
42 - 44	.5	1.2	1.7	1.7	1.4	.7	.3											433	433	398	320
39 - 41	.4	1.0	2.0	1.9	1.0	.7	.2											419	419	418	397
36 - 38	.4	.9	2.2	1.9	1.0	.3	.1											396	397	469	317
33 - 35	.4	1.3	1.8	1.3	.8	.4												352	353	500	343
30 - 32	.3	1.3	.9	1.2	.6	.2												260	262	488	320
27 - 29	.2	.5	.5	1.0	.4													156	159	405	350
24 - 26	.3	.5	.6	.8	.2													138	139	258	494
21 - 23	.3	.7	.6	.7	.0													131	132	228	355
18 - 20	.1	.3	.6	.4	.0													81	81	192	333
15 - 17	.0	.1	.3	.1														24	26	108	211
12 - 14		.1	.2															15	15	93	196
9 - 11		.1	.1															7	7	36	208
6 - 8																				3	168
3 - 5																				4	117
≤ 2																					101
≤ 0																					48
≤ -3																					12
≤ -6																					4
≤ -9																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72411HU — STATION
PATUXENT RIVER NAS MD — STATION NAME
73-80 — YEARS
OCT — MONTH

PAGE 2 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TAL	6.6	19.5	23.3	20.3	13.0	9.0	5.0	2.1	1.0	.2	.1	.0						5832	5850	5832	5832

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.	31643811	417817	71.6	17.127	5842							
Dry Bulb	20501084	342222	58.5	9.871	5850			192.1	99.9	7.1		799
Wet Bulb	17082007	311543	53.4	8.682	5832			99.3	1.5			799
Dew Point	14982359	283814	48.7	10.729	5832		37.5	21.3	.9			799

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — NOV MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31					
/ / 69			.4																3	3		
/ / 67		.1		.3	.6														9	9		
66/ 65		1.7	.3		.3														16	16	4	1
64/ 63	.8	1.0	.4	.1		.1													18	18	20	19
62/ 61	.3	1.7	.8	.8		.3	.1												29	29	14	17
/ / 59	1.1	.7	.3	.8	.4	.3	.3												28	28	28	19
57/ 57	1.3	1.0	1.0	.7		.1	.1												30	30	28	15
55/ 55	.4	2.0	1.3	.3	.6	.3													34	34	24	28
54/ 53	.6	1.1	2.1	.4	1.7	.4	.6												49	49	26	21
52/ 51	.3	2.1	2.4	1.0	.8	.1	.1												49	49	31	17
51/ 49	1.3	1.4	1.4	.7	1.4	.4													47	47	47	35
49/ 47	.4	2.9	2.1	1.7	1.3														60	60	60	50
48/ 45	.3	1.7	2.5	2.1	.7														52	52	51	34
46/ 43	.4	2.2	2.5	2.8	.8														63	63	46	27
45/ 41	1.1	.8	1.8	2.9	.4														51	51	75	36
43/ 39	.7	1.7	2.1	2.0	.3														48	48	65	50
38/ 37	.6	.8	1.8	2.2	.1														40	40	49	48
36/ 35	.4	.1	2.2	1.3															29	29	43	48
34/ 33	.4	.8	2.2	.3															27	27	34	46
32/ 31		1.4	.1	.8															17	17	45	41
31/ 29			.6	.1															5	5	22	23
28/ 27		.1																	1	1	4	47
26/ 25		.6																	4	4	11	44
24/ 23	.1	.3																	3	3	3	19
22/ 21		.1																	1	1	3	20
20/ 19																						15
18/ 17																						3
16/ 15																						1
14/ 13																						2
12/ 11																						2
TOTAL	10.5	26.5	28.5	21.5	9.7	2.1	1.3												713	713	713	713

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	4137958	55088	74.5	16.127	713							
Dry Bulb	1670703	33865	47.5	9.549	713		3.9	1.5				90
Wet Bulb	1037882	31290	43.9	9.534	713		11.1					90
Dew Point	1197876	28002	39.3	11.740	713		27.9					90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724 NO (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PAGE 1 0300-0500 (HOURS (L.S.T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 67			.6	.4														7	7		
[illegible] / 65	.1	.1	.1	.6														12	12	3	1
[illegible] / 63	.1	1.6	.6	.1	.1													18	18	16	11
[illegible] / 61	.7	2.1	.3															22	22	18	18
[illegible] / 59	1.1	.7	1.1	.3	.1	.4												27	27	28	25
[illegible] / 57	.3	1.4	1.0	.8			.1											26	26	16	7
[illegible] / 55	1.7	.4	1.6	.3		.3												30	30	29	31
[illegible] / 53	.4	2.5	1.6	.8	.4													41	41	17	17
[illegible] / 51	.7	2.1	2.0	1.1	.7	.4	.3											52	52	42	19
[illegible] / 49	.7	3.1	2.4	.4	.7	.1												53	53	36	33
[illegible] / 47	.3	2.3	1.7	1.7	1.0	.3												51	51	51	37
[illegible] / 45	.1	1.8	2.5	3.5														57	57	35	43
[illegible] / 43	.6	2.3	2.0	2.8	.4													57	57	49	28
[illegible] / 41	.4	2.4	2.0	2.1	.3													55	55	65	27
[illegible] / 39	.6	1.0	2.3	2.7	.4													49	49	63	50
[illegible] / 37	.4	1.7	2.0	1.6														40	40	38	36
[illegible] / 35	.7	1.0	2.5	.8														36	37	63	39
[illegible] / 33	.3	1.4	3.1															36	38	42	52
[illegible] / 31	.6	1.1	.8	.6														22	22	39	51
[illegible] / 29		.1	.8															11	11	34	32
[illegible] / 27		.3	.1															3	3	8	39
[illegible] / 25																				10	49
24 / 23	.3	.1																3	3	4	13
[illegible] / 21		.4																3	3	2	25
[illegible] / 19																				1	13
[illegible] / 17																					4
[illegible] / 15																					2
[illegible] / 13																					6
[illegible] / 11																					1
TOTAL	10.2	31.3	31.0	21.3	9.2	1.6	.4												710		709
																		709		709	

Element (X)	Σx_i^2	Σx_i	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4304522	59208	76.5	5.030	709							
Dry Bulb	1589690	32934	46.4	9.350	710		5.3	.9				90
Wet Bulb	1387989	30615	43.2	9.656	709		12.4					90
Dew Point	1177888	27666	39.0	11.761	709		29.8					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PAGE 1 0800-0800 (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
68/ 67		.1	.3	.4														6	6		
66/ 65	.3	.7	.6	.5														13	13	4	2
64/ 63	.6	.7	.6	.7														18	18	14	13
62/ 61	.9	1.1	.9	.1														21	21	16	12
60/ 59	1.4	1.0	1.3	.5	.5	.1												31	31	28	20
58/ 57	.4	1.3	1.1	.4		.1												24	24	18	18
56/ 55	1.3	1.0	1.4	.4	.1	.1												31	31	27	21
54/ 53	.4	1.9	1.7	1.7	.3	.3												44	44	25	20
52/ 51	.6	1.9	2.3	.6	.5	.1	.1											41	41	29	23
50/ 49	.1	3.5	1.7	.7	.5	.5												45	45	44	31
48/ 47	.5	3.5	1.6	2.4	.6	.1												58	58	42	35
46/ 45	.6	1.7	3.3	3.7	.4													68	68	54	36
44/ 43		1.7	2.0	2.4	.5													45	45	38	44
42/ 41	.6	1.9	2.3	2.1														48	48	61	32
40/ 39	.4	1.7	2.4	3.1	.5													56	56	58	38
38/ 37	.1	1.9	1.7	1.9	.5													45	45	50	36
36/ 35	.6	1.4	2.1	.7														34	34	57	41
34/ 33	.4	.6	3.0															28	28	42	51
32/ 31		1.9	1.0	.3														22	22	33	52
30/ 29		1.3	.7															14	14	37	29
28/ 27		.1	.6															5	5	10	48
26/ 25																				6	35
24/ 23																				4	18
22/ 21	.1	.1																2	2	1	21
20/ 19	.4																	3	3	4	10
18/ 17																					9
16/ 15																					4
14/ 13																					3
TOTAL	10.1	30.5	32.5	22.4	5.1	1.3	.1											702	702	702	702

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.	4286041	53915	76.8	14.395	702							
Dry Bulb	1570371	32537	46.3	9.428	702		5.9	.8				90
Wet Bulb	1375685	30323	43.2	9.694	702		12.2					90
Dew Point	1169646	27464	39.1	11.653	702		29.4					90

USAFETAC FORM AS 4J 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | NOV MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 75				.1		.5												5	5		
76/ 73				.1	.1	.3	.4											7	7		
74/ 71			.3	.3	.4													7	7		
72/ 69			.6	1.0	.5	.4	.3	.4	.1									22	22	2	
70/ 67		.6	.8	.4	.6	.4	.3											22	22	5	1
68/ 65	.2	.4	.7	.5	.6	.5	.1	.1										20	20	12	11
66/ 63	.4	1.6	1.0	1.0	.8	.4	.7	.5										44	44	30	11
64/ 61	.1	.8	.1	1.3	.8	.8	.7	.3										30	30	25	18
62/ 59		1.4	1.4	.8	1.0	1.3	.3	.3										46	46	20	25
60/ 57		1.3	1.3	.7	.8	.8	.6	.1										40	40	34	21
58/ 55	.4	1.0	1.3	.6	1.3	.6	.1											37	37	36	16
56/ 53	.1	1.0	1.6	1.3	1.8	1.1	.7											58	58	38	23
54/ 51	.1	.8	1.3	1.0	1.8	.7	.3											45	45	45	37
52/ 49	.3	1.1	1.4	2.1	1.6	2.0												60	60	42	34
50/ 47	.3	1.8	.8	2.5	3.4	.4												66	66	55	38
48/ 45	.1	.8	1.1	1.7	1.8	.4												43	43	56	30
46/ 43	.3	1.4	1.4	2.1	2.0	.1												52	53	51	35
44/ 41		.7	.8	2.1	2.4													43	43	64	41
42/ 39		.3	.8	2.3	.7													29	29	58	55
40/ 37		.3	.6	1.1	.1													15	15	30	41
38/ 35	.4	.1	.3	.3	.3													10	10	48	48
36/ 33				.6	.1													5	5	32	37
34/ 31				.3														2	2	11	36
32/ 29			.1															1	1	4	32
30/ 27		.1																1	1	8	43
28/ 25		.1																1	1	2	33
26/ 23																				1	22
24/ 21																					19
22/ 19																					8
20/ 17																					7
18/ 15																					4
16/ 13																					1
TOTAL	3.0	16.0	17.8	24.0	22.9	10.0	4.5	1.6	.1									707	708		707
																		707		707	

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.	3224987	46173	65.3	17.308	707							
Dry Bulb	2013027	37159	52.5	9.422	708		.6	7.8	1.3			90
Wet Bulb	1618532	33170	46.9	9.595	707		3.3	.9				90
Dew Point	1259298	28576	40.4	12.151	707		20.9	.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 79						.1		.1	.5		.1							5	5		
7[illegible]/ 77					.2		.3	1.1			.1							13	13		
6[illegible]/ 75						.4	.1	.3	.3									8	8		
[illegible]/ 73				.4		.1	.4	.3	.3	.1								15	15		
[illegible]/ 71			.4	.6	.7		.3	.4	.4	.3								22	22	1	
[illegible]/ 69		.1	.6	.7	.1	.7	.6	.1	.3									25	25	2	
68/ 67		.1	.3	1.0	1.1	.4	.6	.1	.4									29	29	13	2
[illegible]6/ 65		1.4	.1	.6	1.3	.7	.7	.4	.7									42	42	20	13
[illegible]4/ 63	.1	1.7	.3	.3	.4	1.0	1.1	.7	.3									42	42	31	11
[illegible]2/ 61		1.1	.4	1.3	1.0	.3	.7	1.1	.1									43	43	29	26
[illegible]/ 59		.4	.3	1.0	.7	.4	1.0	.6										31	31	32	22
5[illegible]/ 57	.1	1.4	.9	.3	.9	1.3	.7	.1										40	40	37	13
5[illegible]/ 55	.3	.6	.4	.4	1.1	1.6	1.1	.4										42	42	44	24
[illegible]4/ 53		1.4	.6	1.0	1.7	1.4	1.4											53	53	35	28
[illegible]2/ 51		.6	1.3	1.0	2.3	2.1	.9											57	57	32	33
5[illegible]/ 49	.4	1.1	.6	2.0	2.3	2.4												62	62	46	29
[illegible]/ 47		.9	.5	.7	2.7	2.5	.4											51	51	61	32
4[illegible]/ 45	.1	.7	.7	.4	2.0	1.7												40	41	48	42
[illegible]4/ 43		1.0	.3	.4	3.4	.4												39	39	59	19
[illegible]2/ 41		.3	.4	.1	1.1	.6												18	18	58	29
4[illegible]/ 39		.1	.7	.1	.4	.1												11	11	44	34
3[illegible]/ 37		.3	.1	.7	.7													13	13	46	39
3[illegible]/ 35	.1	.1																2	2	37	41
3[illegible]/ 33																				9	36
[illegible]2/ 31			.1	.1														2	2	13	51
3[illegible]/ 29			.1															1	1	4	35
2[illegible]/ 27																				2	33
[illegible]/ 25																				1	38
[illegible]/ 23																					24
[illegible]/ 21																					18
[illegible]/ 19																					14
18/ 17																					7
16/ 15																					7
14/ 13																					4

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | NOV MONTH

 1200-1800 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	1	3	13	5	8	9	13	22	4	7	18	21	0	4	10	4	6	0	3	1	4	3	704	705	704	704

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.	2616665	40787	57.9	18.998	704			.4	14.7	5.2	.1	90
Dry Bulb	2276353	39439	55.9	9.976	705			2.6	2.0			90
Wet Bulb	1721606	34172	48.5	9.459	704			29.5	.3			90
Dew Point	1248879	28261	40.2	12.729	704							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
/ 79								.5	.1		.1								4	4		
7 / 77					.1			.6	.1		.1								7	7		
76 / 75					.3	.1		.3	.1										6	6		
74 / 73				.3	.1	.1	.1	.1		.3	.1								9	9		
72 / 71			.1	.3	.6	.1	.3	.4	.1	.1									15	15		
70 / 69			.9	.1	.5	.1	.6		.1	.1									18	18	5	
68 / 67		.5	1.0	.4	.1		.9		.5										21	21	2	3
66 / 65		.7	.7	.9	.1	.7	.3	.6	.7										33	33	16	5
64 / 63	.3	1.6	.4	.7	.3	1.1	.7	.9	.4										45	45	31	15
62 / 61	.1	1.4	.9	1.0	.6	.4	.4	.9											40	40	27	21
60 / 59	.5	1.4	.9	1.3	.6	.4	.4	.4											40	40	32	24
58 / 57		.4	.5	1.4	.5	1.4	.6												31	31	33	23
56 / 55	.1	2.0	1.6	1.6	.7	1.1	.4	.4											56	56	51	14
54 / 53		1.4	.7	.9	1.7	1.6	1.0	.1											52	52	40	32
52 / 51		.4	1.4	.7	1.6	1.8	.6												46	46	48	24
50 / 49	.6	1.4	1.0	2.0	2.3	2.7													70	70	47	36
48 / 47	.1	.7	.7	1.8	2.1	1.4	.6												53	53	55	34
46 / 45		1.6	1.6	1.0	2.3	1.1													53	53	44	34
44 / 43	.1	.7	.4	.9	2.4	.7													37	37	61	39
42 / 41		.6	.3	.6	1.3	.4													22	22	65	21
40 / 39		.1	.9	1.1	1.0	.1													23	23	48	37
38 / 37		.4			.4														6	6	39	29
36 / 35		.1		.4	.6														8	9	35	50
34 / 33	.1	.1		.6															6	6	21	47
32 / 31				.1															1	1	7	38
30 / 29			.1																1	1	10	24
28 / 27																					5	39
26 / 25																					1	41
24 / 23																						16
22 / 21																						16
20 / 19																						17
18 / 17																						11
16 / 15																						6
14 / 13																						7

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | NOV MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.8	15.5	13.8	18.1	20.1	15.8	6.8	5.0	2.1	.6	.4							703	704	703	703

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.	2877678	42846	60.9	19.478	703							
Dry Bulb	2145689	38263	54.4	9.694	704		.3	10.2	3.3			90
Wet Bulb	1661654	33546	47.7	9.314	703		2.9	.9				90
Dew Point	1237238	28120	40.0	12.656	703		27.5	.4				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 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						.1												1	1		
72/ 71			.4		.5													5	5		
70/ 69			.1			.8												7	7		
68/ 67		.1	.6			.1	.4											9	9	3	3
66/ 65		1.7	.6	.4	.4	.1												23	23	6	
64/ 63	.3	.8	.4	.4		.1	.4											18	18	18	16
62/ 61	.4	1.6	1.1	1.0	.5		.1	.1										33	33	15	10
60/ 59	.4	2.1	1.3	1.1	.3	.3	.4											42	42	31	19
58/ 57	.8	.8	1.1	.7	.1	.7	.7											36	36	35	29
56/ 55	.1	1.6	1.4	1.0	.8	.8	.1											42	42	29	19
54/ 53		1.1	2.1	1.3	1.1	.8												46	46	26	23
52/ 51	.3	1.3	3.3	.8	.7	.3												47	47	30	26
50/ 49	.4	1.7	2.5	3.0	1.7	.1												67	67	48	29
48/ 47	.3	1.1	1.7	2.8	3.1	.3												66	66	61	33
46/ 45	.1	1.1	3.0	3.0	1.8	.7												69	70	49	43
44/ 43		.7	1.0	2.3	2.7													47	47	49	26
42/ 41	.3	2.1	1.4	1.7	1.3	.1												49	49	71	29
40/ 39		1.0	.4	2.8	.4													33	33	59	53
38/ 37			1.5	2.1	.4													27	27	48	41
36/ 35		.4	.7	.3	.4													13	13	39	45
34/ 33		.6	.8	.7														15	15	43	44
32/ 31			.3	.6														6	6	20	44
30/ 29			.4															3	3	11	31
28/ 27		.1																1	1	6	30
26/ 25			.1															1	1	8	41
24/ 23																					22
22/ 21																				1	18
20/ 19																					12
18/ 17																					8
16/ 15																					5
14/ 13																					4
12/ 11																					3
TOTAL	3.5	20.1	26.2	26.1	16.0	5.7	2.3	.1										706	707		706
																		706		706	

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.	3534290	48560	68.8	16.599	706							
Dry Bulb	1818582	35302	49.9	8.897	707		1.4	2.8	.1			90
Wet Bulb	1506925	31957	45.3	9.256	706		5.9	.4				90
Dew Point	1201984	27864	39.5	12.044	706		27.8	.4				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724180 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
70/ 69		.5	.3		.1	.5												7	7			
68/ 67		.3	.1	.3	.1	.8	.1	.1										11	11	2		1
66/ 65		1.1	.3	.4	.3		.1											16	16	4		3
64/ 63	.4	1.6	.8	.7	.1		.1											24	24	14		10
62/ 61	.1	1.8		1.3	.3	.3	.1											28	28	21		16
60/ 59	.6	1.8	1.1	.4	.4		.1	.3										34	34	26		17
58/ 57	.8	2.0	1.1	.1	.3	.1	.4	.1										36	36	36		22
56/ 55	.1	1.1	1.3	.6	.8	1.0	.1											36	36	26		22
54/ 53	.3	.8	2.0	1.1	1.3	.6												43	43	25		23
52/ 51	.1	1.6	1.6	2.0	.7	.4												45	45	25		25
50/ 49	.6	2.3	2.1	1.1	.8	.1												50	50	37		28
48/ 47	.3	2.1	2.7	2.0	1.1													62	62	49		27
46/ 45	.1	1.0	2.7	3.0	1.4													62	62	72		43
44/ 43		1.4	2.0	2.0	1.6													49	49	44		26
42/ 41	.6	2.0	1.8	2.3	.7													52	52	64		42
40/ 39	.1	1.7	1.7	2.3	.8													47	47	57		53
38/ 37	.1	.7	1.8	3.1														41	41	48		42
36/ 35		.1	1.7	.8														19	19	37		33
34/ 33		1.0	1.0	.4														17	17	47		46
32/ 31		.6	.8	.8														16	16	32		48
30/ 29		.1	.4	.1														5	5	17		31
28/ 27		.1	.3															3	3	10		36
26/ 25		.3	.1															3	3	9		41
24/ 23			.1															1	1	3		26
22/ 21			.1															1	1	1		18
20/ 19																				2		15
18/ 17																						8
16/ 15																						1
14/ 13																						3
12/ 11																						4
10/ 9																						2
TOTAL	4.9	25.8	27.7	24.9	11.6	3.2	1.3	.6											708			708
																		708		708		

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.	3806895	50665	71.6	15.995	708							
Dry Bulb	1721584	34266	48.4	9.452	708		3.7	2.3				90
Wet Bulb	1453666	31352	44.3	9.612	708		9.4	.3				90
Dew Point	1183579	27677	39.1	11.990	708		29.1	.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040	PATUXENT RIVER NAS MD	73-80	NOV
STATION	STATION NAME	YEARS	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
[illegible] 79						.0		.1	.1		.0								9	9		
78/ 77					.1		.0	.2	.0		.0								20	20		
76/ 75				.0	.0	.1	.0	.1	.1										17	17		
74/ 73				.1	.1	.1	.1	.1	.0	.1	.0								32	32		
72/ 71			.2	.1	.2	.0	.1	.1	.1	.1									49	49	1	
70/ 69		.1	.4	.2	.1	.3	.2	.1	.1	.0									80	80	9	
68/ 67		.2	.5	.4	.4	.2	.3	.0	.1										114	114	25	10
66/ 65	.1	1.1	.4	.4	.4	.2	.2	.1	.2										175	175	69	36
64/ 63	.4	1.3	.5	.5	.2	.4	.4	.2	.1										227	227	174	101
62/ 61	.3	1.4	.6	.8	.4	.2	.3	.3	.0										246	246	165	138
60/ 59	.6	1.2	1.0	.8	.5	.4	.3	.2											279	279	225	171
58/ 57	.5	1.2	1.0	.7	.3	.6	.4	.1											263	263	237	148
56/ 55	.6	1.2	1.3	.6	.7	.7	.2	.1											308	308	246	175
54/ 53	.2	1.5	1.5	1.1	1.3	.8	.5	.0											386	386	232	187
52/ 51	.3	1.3	1.9	1.0	1.1	.8	.3												380	380	280	204
50/ 49	.5	1.9	1.6	1.5	1.4	1.0													454	454	347	255
48/ 47	.2	1.9	1.5	2.0	2.0	.6	.1												467	467	414	276
46/ 45	.3	1.3	2.2	2.3	1.3	.5													444	446	409	305
44/ 43	.2	1.4	1.5	2.0	1.7	.2													389	390	397	244
42/ 41	.4	1.3	1.4	1.8	.9	.1													338	338	523	257
40/ 39	.2	1.0	1.4	2.1	.5	.0													296	296	452	348
38/ 37	.2	.8	1.2	1.6	.3														227	227	348	308
36/ 35	.3	.4	1.2	.6	.2														151	153	359	345
34/ 33	.2	.6	1.3	.3	.0														132	132	270	359
32/ 31	.1	.6	.4	.5															88	88	200	357
30/ 29		.3	.4	.0															41	41	139	237
28/ 27		.1	.1																14	14	53	315
26/ 25		.1	.0																9	9	48	322
24/ 23	.1	.1	.0																7	7	15	160
22/ 21	.0	.1	.0																7	7	8	155
20/ 19	.1																		5	5	7	104
18/ 17																						57
16/ 15																						34
14/ 13																						32

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) NOV (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
1// 11																					10
1// Y																					2
TOTAL	5.	122.	423.	321.	414.	140.	7.2	3.4	1.6	.7	.1	.1						5652	5657	5652	5652

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.	28780636	390282	69.0	18.076	5652							
Dry Bulb	19805959	283765	50.2	10.055	5657		21.3	90.9	9.9	.1		720
Wet Bulb	12163959	256429	45.4	9.686	5652		39.9	9.5				720
Dew Point	9979936	223638	39.6	12.099	5652		227.9	1.3				720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | DEC MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[redacted] 69			.4															3	3		
68/ 67			.3															2	2		
[redacted] 65				.3														2	2	3	
[redacted] 63							.1											1	1	2	3
[redacted] 61		.3	.5	.1		.1	.1											9	9		1
[redacted] 59	.3	.1	.3	.4														8	8	6	5
58/ 57			.1	.4		.1												5	5	6	
56/ 55		.3	.1															3	3	3	5
[redacted] 53	.1	1.0	.7	.4		.3												18	18	9	5
[redacted] 51	.1	1.4	.8	.4	.7	.3												27	27	16	10
50/ 49	.8	2.3	1.1	.4	.1	.4												38	38	21	18
48/ 47	.1	2.1	.4	.5	.7													28	28	30	24
46/ 45	.3	1.5	.8	1.1	.8													33	33	29	21
44/ 43	1.1	2.3	1.5	1.6	.4	.1												52	52	33	25
42/ 41	.7	2.2	2.6	.8	1.5													57	57	34	23
40/ 39	.3	3.6	2.7	1.8	1.1													69	69	54	27
38/ 37	.7	4.2	2.9	3.4	1.0													89	89	69	33
36/ 35	.5	1.4	3.4	3.6	.7													70	70	60	35
34/ 33	.1	2.9	2.5	1.4	.3													52	52	66	60
32/ 31	.3	1.9	2.3	1.1	.3													43	43	72	52
[redacted] 29	.3	1.0	3.0	.1														32	32	65	44
28/ 27		1.0	2.2	.5														27	27	37	43
26/ 25		1.5	1.9	.1														26	26	35	36
24/ 23		.8	1.4	.1														17	17	29	33
22/ 21		.4	1.0															10	10	24	38
20/ 19		.4	.4															6	6	16	52
18/ 17																				6	35
16/ 15			.5															4	5	2	31
14/ 13																				3	27
12/ 11																				1	19
10/ 9																					7
8/ 7																					11
6/ 5																					3
4/ 3																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ 1																					2
0 to -1																					1
-2 to -3																					1
-4 to -7																					1
TOTAL	5.7	32.4	33.9	18.7	7.5	1.4	.3										731	732	731	731	

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.	3822081	51487	70.4	10.372	731							
Dry Bulb	1172529	28511	38.9	9.213	732		21.1	.6				93
Wet Bulb	986140	25992	35.6	9.212	731		36.9					93
Dew Point	796539	21693	29.6	12.036	731	.8	55.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724.40 PATUXENT RIVER NAS MD 73-80 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7[illegible] / 69			.1															1	1		
6[illegible] / 67			.3															2	2		
[illegible]67/ 65			.1		.1													2	2	4	
[illegible]4/ 63		.3																2	2	1	2
[illegible]27 61		.1																1	1	3	1
[illegible]/ 59		.3	.4	.4														8	8	1	4
5[illegible]/ 57		.3		.4	.5													7	7	5	
5[illegible]/ 55		1.0	.5	.3														13	13	5	4
[illegible]4/ 53	.1	.7	.4	.5	.4	.3												16	16	12	8
[illegible]2/ 51	.3	.8	.4	.5	.4													18	18	13	8
5[illegible] / 49	.1	1.6	.8	.4	.1	.1												24	24	15	13
4[illegible] / 47	.1	2.2	.3	.5	.7	.3												30	30	22	17
4[illegible]/ 45	.5	2.3	1.1	1.4	.5													43	43	37	24
[illegible]4/ 43	.3	2.1	1.5	1.2														37	37	24	24
4[illegible] / 41	.4	2.7	1.5	1.4	.7													49	49	33	20
4[illegible] / 39	.8	3.7	3.3	1.5	1.0													75	75	59	32
3[illegible]/ 37	1.4	3.4	2.3	2.7	.3													74	74	65	39
3[illegible]/ 35	.8	2.7	3.6	3.2	.3													77	77	59	39
3[illegible]/ 33		3.0	2.7	2.2	.3													60	60	59	45
[illegible]27 31	.3	3.4	1.9	2.2														57	57	80	50
3[illegible] / 29	.4	.7	2.9	.3														31	32	62	48
2[illegible]/ 27		1.2	1.0	.1														17	17	36	45
2[illegible] / 25		1.5	2.9	.3														34	34	47	42
24/ 23		.5	.7															9	9	25	30
[illegible]27 21		1.4	2.2															26	26	21	46
[illegible]/ 19	.1	.7	.5															10	10	20	46
1[illegible] / 17		.1	.3															3	3	19	21
16/ 15		.1	.1															2	2	9	25
14/ 13		.1																1	1	3	47
12/ 11																				1	16
10/ 9																					10
[illegible]/ 7																					9
[illegible]/ 5																					5
4/ 3																					6

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
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 3M 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72400 (STATION) PAINESVILLE RIVER NAS MU (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PAGE 2 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ 1																				5
≥ -1																				2
≥ -5																				1
TOTAL	2	63	162	152	134	93	51	14	7									730		729
																	729		729	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3886193	51963	71.3	15.823	729							
Dry Bulb	1115109	27725	38.0	9.232	730		29.3	.4				93
Wet Bulb	944523	25363	34.8	9.236	729		40.1					93
Dew Point	718982	21158	29.0	12.004	729	.4	57.3					93

FORM AS-34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 69			.1	.5															3	3		
66 / 65			.5																4	4	3	
64 / 63		.4																	3	3	1	
[illegible] / 61		.4																	3	3	6	4
[illegible] / 59		.3	.1	.3															5	5	4	5
[illegible] / 57		.1	.4	.5	.1														7	7	2	5
56 / 55	.1	.8	1.0																14	14	5	5
54 / 53	.1	.4	.4	.3	.4														12	12	12	9
52 / 51		.4	.7	.4	.3	.1													14	14	14	6
50 / 49	.1	1.4	.5	.3	.3	.1													20	20	9	17
[illegible] / 47	.3	2.6	.4	.4	.7	.3													34	34	21	17
46 / 45	.5	1.0	.8	.4	.5														22	22	31	20
44 / 43	.1	2.7	1.4	1.8	.1														45	45	19	14
42 / 41	.8	2.0	3.1	1.8	.4														60	60	39	21
40 / 39	1.5	3.4	2.7	2.0	.5														75	75	59	31
38 / 37	1.1	2.7	2.7	2.9	.4														72	72	65	41
36 / 35	.5	2.6	3.4	3.1	.3														73	73	52	41
34 / 33	.5	2.6	3.5	1.8	.1														67	67	87	38
32 / 31	.3	3.0	2.6	2.0															58	58	63	57
30 / 29	.1	.8	2.5	.7															30	30	56	59
28 / 27	.1	1.6	2.0																28	28	44	43
26 / 25		1.4	1.8																23	23	48	44
24 / 23		1.2	.8	.1															16	16	24	31
22 / 21		1.4	1.2																19	19	26	41
20 / 19	.1	.8	.8																13	13	20	45
18 / 17		.5	.3																6	6	9	31
16 / 15		.1	.1																2	2	8	22
14 / 13		.1	.3																3	3	2	35
12 / 11		.3																	2	2	2	25
10 / 9																					4	14
8 / 7																						3
6 / 5																						1
4 / 3																						8
2 / 1																						4

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | DEC 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
-- / -5																					3
TOTAL	5	52	234	418	8	4	5												733		733
																		733		733	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Ref. Num.	3970233	52765	72.0	15.326	733							
Dry Bulb	1100065	27533	37.6	9.486	733		25.4	.4				93
Wet Bulb	936463	25263	34.5	9.479	733		28.8					93
Dew Point	717179	21179	28.9	12.025	733	.4	59.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724 40 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69			.4															5	5		
68/ 67			.1	.1														2	2		
66/ 65			.4			.1												4	4	3	
64/ 63			.1			.1												2	2	2	2
62/ 61		.1	.3	.3	.1													6	6	4	3
60/ 59		.1	.3	.4	.3	.4	.1	.1										13	13	2	3
58/ 57		.4	.7	.5	.1	.3	.4											18	18	4	5
56/ 55	.3	1.4	1.0	.5	.4	.5	.4											33	33	14	7
54/ 53		.7	1.0	.4	.4	.5	.1											23	23	20	9
52/ 51	.1	1.2	.4	.5	.7	1.0	.4											32	32	15	14
50/ 49		1.5	1.0	.4	1.6	.4												36	36	27	18
48/ 47	.3	1.2	.7	1.2	1.2	.4												37	37	29	23
46/ 45	.4	1.6	2.5	3.4	1.9	.3												74	74	54	25
44/ 43	.1	1.6	1.5	2.1	1.9	.5												57	57	38	22
42/ 41	1.1	1.5	2.6	3.2	2.2	.7												82	82	76	27
40/ 39	.4	1.5	1.6	4.0	1.8													68	69	53	28
38/ 37	1.0	1.2	2.1	3.4	1.4	.1												67	68	77	39
36/ 35		1.0	1.5	1.5	.4													32	32	66	31
34/ 33	.4	1.1	.5	1.1	.5													27	27	72	51
32/ 31		.5	1.2	2.5	.4													34	34	48	67
30/ 29	.4	.4	2.1	.8														27	27	29	40
28/ 27	.3	.3	1.4	.5														18	18	29	48
26/ 25			2.3	.1														18	18	32	48
24/ 23			.4	.5														5	5	21	35
22/ 21		.1	.3															3	3	18	36
20/ 19			.4															3	3	7	19
18/ 17		.1	.1															2	2	3	21
16/ 15			.3															2	2	2	33
14/ 13																				1	26
12/ 11																				2	21
10/ 9																					11
8/ 7																					7
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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
/ 1																							3
-1 / -2																							3
TOTAL	4	17	92	72	27	5	1	5	5	1	5						1			728	730	728	728

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3279650	47112	64.7	17.819	728							
Dry Bulb	1366010	30852	42.3	9.230	730		14.3	.6				93
Wet Bulb	1095156	27448	37.7	9.106	728		24.5					93
Dew Point	788241	22155	30.4	12.301	728	.4	54.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-80 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 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
74/ 73				.4														3	3		
72/ 71				.3				.1										3	3		
7 / 69					.3			.1										3	3		
6 / 67			.1		.4		.3		.3									8	8	4	
67/ 65			.1	.3		.4			.6									10	10	2	
64/ 63			.4	.5		.1	.4	.4										14	14	1	6
62/ 61				.1	.1	.1	.1											4	4	5	
6 / 59			.7		.8	.1	.6	.1		.1								18	18	6	3
5 / 57		.3	.8	.3	.3	.6	.6	.3										22	22	5	5
5 / 55	.3	1.2	.8	1.0	.7	.6	.8	.3										41	41	17	10
54/ 53	.1	1.1	.7	.6	.8	1.4	1.0	.3										43	43	23	9
52/ 51	.3	1.4	.4	1.4	1.8	1.9	.8	.1										59	59	27	25
5 / 49		1.0	.8	.4	.7	1.2	.8	.1										37	38	33	16
4 / 47		1.1	1.1	2.3	2.3	2.5	.1											69	69	28	12
4 / 45	.1	.3	1.8	2.6	3.4	2.2	.6											80	80	41	22
4/ 43	.1	.7	1.1	2.2	2.9	.7	.1											57	57	50	17
42/ 41	.6	2.2	.7	1.0	1.8	.7												50	50	71	22
4 / 39		1.4	1.7	1.1	1.1	.4												49	49	81	27
38/ 37	.1	.3	.6	1.1	1.8													28	28	82	47
36/ 35		.7	.6	1.1	1.5													28	28	51	25
34/ 33	.4	.6	.4	1.7	.6													26	26	52	46
32/ 31	.1	.1	.7	1.8	.7													25	25	22	72
30/ 29	.1		.8	1.8	.5													22	22	35	43
28/ 27	.3	.4	1.1	1.2														22	22	25	49
26/ 25				.4														3	3	26	32
24/ 23																				30	31
22/ 21																				2	35
20/ 19																				3	47
18/ 17			.4															3	3		17
16/ 15																					25
14/ 13																				3	35
12/ 11																					15
10/ 9																					12
8/ 7																					9

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | DEC 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
≤ / 5																					2
4 / 3																					5
2 / 1																					3
-4 / -5																					3
TOTAL	2.6	12.7	15.9	23.9	22.9	13.0	6.2	1.9	.8	.1									725	726	725	725

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.	2669315	41713	57.5	19.288	725							
Dry Bulb	1584925	33189	45.7	9.663	726		9.6	2.2	.4			93
Wet Bulb	1195294	28694	39.6	9.076	725		18.7	.5				93
Dew Point	782635	21989	30.3	12.642	725	.4	55.8					93

USAFETAC FORM 0-26-3 (OL A) AM 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724140 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 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
74/ 73				.1						.								1	1		
72/ 71				.1														1	1		
71/ 69			.5		.1		.5	.1										8	8		
68/ 67					.5				.1									3	3	2	
66/ 65		.1	.3	.1		.1			.3									7	7	4	
64/ 63		.1			.1		.1	.4										6	6	1	4
62/ 61					.3			.3										4	4	4	3
60/ 59			.1	.1	.5		.4			.1								8	8	3	3
58/ 57	.5	.1	.1	.4	.4	.4	1.0	.3	.3									24	24	5	2
56/ 55	.3	.7	.3	.1	.3	.7		.5										21	21	8	6
54/ 53	.3	1.5	1.4	.4	.4	1.0	.4	.1										40	40	12	8
52/ 51		1.2	1.0	.4	1.1	1.2	.1	.3										39	39	24	11
50/ 49	.4	.5	1.2	1.0	1.8	1.2	.5	.1										50	50	32	23
48/ 47	.1	2.1	1.4	1.8	2.2	1.8	.5											72	72	34	17
46/ 45	.1	1.6	1.6	2.5	1.6	2.6	.3											76	76	36	29
44/ 43		1.5	3.0	2.6	1.4	1.2	.3											73	73	50	11
42/ 41	.1	1.8	1.6	2.2	1.6	.8												60	60	76	27
40/ 39	.3	1.6	2.1	2.2	1.9	.5												63	63	79	28
38/ 37	.1	1.0	1.8	1.8	1.9													48	48	74	40
36/ 35		.1	.5	1.4	1.0													22	22	68	39
34/ 33	.5	.4	1.0	1.1	1.0													27	27	57	59
32/ 31	.4	.3	1.4	1.1	1.2													32	32	37	51
30/ 29		.3	.4	1.6	.3													19	19	36	43
28/ 27	.4	.1	.3	1.1														14	15	31	49
26/ 25			.5	.4														7	7	17	39
24/ 23			.3															2	2	23	36
22/ 21				.1														1	1	9	28
20/ 19			.3															2	2	5	41
18/ 17			.1															1	1	1	35
16/ 15																				2	19
14/ 13																				1	27
12/ 11																					20
10/ 9																					12
8/ 7																					9

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≤ -5																					1
-4 / -3																					3
-2 / -1																					8
0 / 1																					2
2 / 3																					2
4 / 5																					
6 / 7																					
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 / 33																					
34 / 35																					
36 / 37																					
38 / 39																					
40 / 41																					
42 / 43																					
44 / 45																					
46 / 47																					
48 / 49																					
50 / 51																					
52 / 53																					
54 / 55																					
56 / 57																					
58 / 59																					
60 / 61																					
62 / 63																					
64 / 65																					
66 / 67																					
68 / 69																					
70 / 71																					
72 / 73																					
74 / 75																					
76 / 77																					
78 / 79																					
80 / 81																					
82 / 83																					
84 / 85																					
86 / 87																					
88 / 89																					
90 / 91																					
92 / 93																					
94 / 95																					
96 / 97																					
98 / 99																					
100 / 101																					
102 / 103																					
104 / 105																					
106 / 107																					
108 / 109																					
110 / 111																					
112 / 113																					
114 / 115																					
116 / 117																					
118 / 119																					
120 / 121																					
122 / 123																					
124 / 125																					
126 / 127																					
TOTAL	5.1	15.2	21.2	22.2	19.2	11.6	4.0	2.2	.7	.1								731	732	731	731

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.	2869377	43505	59.5	19.592	731							
Dry Bulb	1497506	32440	44.3	9.050	732		10.0	1.7	.1			93
Wet Bulb	1149605	28291	38.7	8.656	731		20.6	.3				93
Dew Point	765340	21852	29.9	12.393	731	.5	54.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 (STATION) PATUXENT RIVER NAS MD (STATION NAME) 73-80 (YEARS) DEC (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
71/ 69			.3	.1														3	3			
68/ 67			.1															1	1			
66/ 65		.1	.3	.1			.1											5	5	3		
64/ 63			.4	.1		.1												5	5	2	1	
62/ 61		.1	.1	.1	.3	.3	.1											8	8	4	4	
60/ 59		.3	.1	.3														5	5	5	4	
58/ 57		.3	.4				.1											6	6	3	4	
56/ 55	.3	.1	.4	.3		.4												11	11	6	7	
54/ 53	.1	.3	1.1	.1		.5												16	16	11	1	
52/ 51	.3	2.0	.5		1.1													29	29	14	7	
50/ 49	.1	1.4	.3	.7	.4	.5	.1											26	26	23	15	
48/ 47	.4	1.5	1.8	1.6	.1	.3	.1											43	43	18	27	
46/ 45	.4	2.5	2.5	2.2	1.9	.1	.1											71	72	32	23	
44/ 43	.3	2.0	2.7	1.8	1.9	.4												67	67	55	15	
42/ 41		3.0	3.5	1.5	1.4	.3												71	71	40	27	
40/ 39	.4	2.9	2.5	2.5	2.2	.1												77	77	75	32	
38/ 37	.3	2.2	4.1	2.9	.7	.1												75	75	71	56	
36/ 35		1.1	2.7	1.8	.3													43	43	68	50	
34/ 33		.4	2.5	2.0	.3													38	38	68	60	
32/ 31	.4	.8	1.8	3.0														44	44	59	46	
30/ 29	.1	.3	2.2	1.1														27	27	41	42	
28/ 27		.5	2.2	.7														25	25	37	38	
26/ 25	.3	.3	1.6	.1														17	17	38	45	
24/ 23			.7	.4														8	8	28	35	
22/ 21		.1	.3	.3														5	5	13	37	
20/ 19		.5	.1															5	5	9	36	
18/ 17			.4															3	3	7	38	
16/ 15																				1	24	
14/ 13																				3	26	
12/ 11																					20	
10/ 9																					12	
8/ 7																					6	
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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 YEARS — DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
./ 1																					4
./ -1																					8
TOTAL	3	422	835	623	710	5	3	1										734	735	734	734

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	≤ 92 F	Total
Rel. Hum.	5471048	98910	66.61	16.988	734							
Dry Bulb	1273361	29887	40.7	8.895	735		17.0	.5				93
Wet Bulb	1039640	26838	36.6	8.921	734		29.9					93
Dew Point	755392	21812	29.7	12.091	734	.5	53.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | DEC 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
/ / 69			.4															3	3		
6/ 65		.1	.4		.1		.1											6	6	3	
4/ 63		.1		.1			.3											4	4	1	2
2/ 61				.7														5	5	4	3
/ / 59		.1	.3	.3														5	5		2
5/ 57	.1	.1	.5	.3		.3	.1											11	11	6	2
5/ 55	.1	.1	.4	.1	.1	.1												8	8	9	4
4/ 53	.1	.8	.4	.1		1.0												18	18	8	6
2/ 51	.1	1.0	.4		.5													15	15	17	10
9/ 49	.5	1.4	.5	.3	.5	.1												23	24	16	19
7/ 47	.5	1.6	1.0	.7	1.0													35	35	19	17
5/ 45	.5	2.0	1.4	1.4	.3	.4												44	44	37	18
4/ 43	1.1	4.5	2.6	2.2	.4	.3												81	81	39	23
2/ 41		2.6	3.3	1.1	1.1													59	59	54	28
1/ 39		3.1	3.1	1.4	1.5													67	67	54	30
9/ 37	.8	2.6	3.8	3.7	1.0													87	87	70	45
7/ 35	.1	1.8	2.5	3.7	.7													64	64	64	34
34/ 33		2.0	2.7	1.5														46	46	62	56
2/ 31	.1	2.0	2.7	.8	.1													43	43	69	61
9/ 29		.5	2.6	1.1	.1													32	32	68	46
2/ 27		.7	1.2	.7														19	19	29	38
2/ 25	.1	1.5	2.2	.5														30	30	36	27
24/ 23		.4	.5	.1														8	8	28	36
22/ 21		.3	.7															7	7	23	45
20/ 19		.4	.5															7	7	6	48
18/ 17		.1	.4															4	4	7	42
16/ 15		.1																1	1	5	13
14/ 13																				3	29
12/ 11																					19
10/ 9																					9
8/ 7																					2
6/ 5																					8
4/ 3																					4
2/ 1																					3

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												

FORM AS-44 0-26-5 (OL A) USAFETAC

SEVERED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 YEARS | DEC MONTH

PAGE 4 | 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
-1																						3
TOTAL	4.5	30.3	34.7	20.5	7.2	2.2	.5												732	733	732	732

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.	5751712	50866	69.5	16.420	732							
Dry Bulb	1242300	28942	39.5	9.020	733		19.2	.4				93
Wet Bulb	1001932	26264	35.9	8.990	732		34.8					93
Dew Point	798706	21796	29.7	11.852	732	.5	55.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION — PATUXENT RIVER NAS MD STATION NAME — 73-80 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
74/ 73				.1														4	4		
72/ 71				.1				.0										4	4		
70/ 69			.5	.1	.1		.0	.0										27	27		
68/ 67			.1	.0	.1		.0		.1									18	18	6	
66/ 65		.1	.3	.1	.0	.1	.0		.1									40	40	23	
64/ 63		.1	.1	.1	.0	.1	.1	.1										35	35	11	20
62/ 61		.1	.1	.2	.1	.1	.1	.0										40	40	30	19
60/ 59	.0	.2	.3	.3	.2	.1	.1	.0		.0								70	70	27	29
58/ 57	.1	.2	.4	.3	.2	.2	.3	.1	.0									100	100	36	21
56/ 55	.2	.7	.6	.3	.2	.3	.2	.1										144	144	65	46
54/ 53	.1	.8	.8	.3	.3	.6	.2	.1										186	186	107	46
52/ 51	.2	1.2	.6	.5	.8	.6	.2	.1										233	233	140	89
50/ 49	.3	1.4	.8	.5	.7	.5	.2	.0										254	256	176	139
48/ 47	.2	1.8	.9	1.1	1.1	.7	.1											348	348	201	154
46/ 45	.4	1.6	1.6	1.9	1.4	.7	.1											443	444	272	180
44/ 43	.4	2.2	1.9	1.9	1.1	.4	.1											469	469	308	191
42/ 41	.5	2.3	2.4	1.6	1.3	.3												488	488	423	195
40/ 39	.5	2.7	2.5	2.1	1.5	.1												543	544	514	235
38/ 37	.7	2.2	2.5	2.7	1.0	.0												540	541	573	320
36/ 35	.3	1.4	2.3	2.4	.6													409	409	488	294
34/ 33	.2	1.6	2.0	1.6	.4													343	343	523	415
32/ 31	.2	1.5	1.8	1.8	.3													336	336	450	456
30/ 29	.2	.5	2.1	.9	.1													220	221	392	365
28/ 27	.1	.7	1.4	.6														170	171	268	353
26/ 25	.1	.8	1.7	.2														158	158	279	313
24/ 23		.4	.6	.1														65	65	208	267
22/ 21		.5	.7	.1														71	71	136	306
20/ 19	.0	.4	.4															46	46	86	339
18/ 17		.1	.3															22	22	48	240
16/ 15		.1	.1															11	12	24	192
14/ 13		.0	.0															4	4	19	252
12/ 11		.0																2	2	6	151
10/ 9																				4	87
8/ 7																					21

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	≤ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724040 STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 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
5																					25
3																					80
1																					32
-1																					12
-3																					3
-5																					10
-7																					1
TOTAL	.625	.529	.421	.911	.5	.8	1.7	.5	.2	.0								5843	5851	5843	5843

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.	27699209	388321	66.5	17.995	5843							
Dry Bulb	19311811	259079	40.9	9.652	5851		140.9	6.7	.5			744
Wet Bulb	8398253	214153	36.7	9.245	5843		244.5	.8				744
Dew Point	6019569	173538	29.7	12.173	5843	3.3	444.5					744

FORM AWS 0-26-5 (OL A) SERVICE EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72[illegible]40 PAT [illegible]T RIVER NAS MD 73-81 ALL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL 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							
[illegible]/103											.0								1	1		
2/101											.0								1	1		
0/ 99										.0	.0								3	3		
8/ 97								.0	.0	.0	.0								12	15		
6/ 95							.0	.0	.0	.0	.0	.0							33	33		
4/ 93						.0	.0	.0	.0	.0	.0	.0							77	78		
2/ 91					.0	.0	.1	.0	.1	.0	.0								153	153		
1/ 89					.0	.1	.1	.2	.1	.0	.0	.0	.0						329	330		
8/ 87			.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0						512	512		
6/ 85		.0	.0	.1	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0					898	899	1	
4/ 83		.0	.0	.3	.5	.3	.3	.2	.1	.0	.0	.0	.0						1186	1187	15	3
2/ 81		.0	.2	.5	.6	.4	.3	.2	.2	.0	.0	.0	.0						1675	1676	90	6
1/ 79	.0	.1	.5	.7	.6	.5	.3	.2	.1	.1	.0	.0	.0						2130	2132	369	49
7/ 77	.0	.3	.7	.8	.7	.3	.3	.2	.1	.1	.0	.0							2474	2476	1036	251
6/ 75	.1	.1	1.0	.9	.5	.5	.3	.2	.1	.0	.0								3052	3057	2038	922
4/ 73	.2	1.0	1.1	.9	.5	.4	.3	.2	.1	.0	.0	.0	.0						3196	3199	3070	1919
2/ 71	.3	1.0	1.2	.7	.5	.3	.3	.2	.1	.0	.0	.0							3096	3099	3358	2779
0/ 69	.3	.8	1.1	.7	.5	.3	.2	.1	.1	.0	.0								2868	2877	3294	3306
8/ 67	.3	.6	1.1	.7	.5	.4	.2	.1	.1	.0	.0								2759	2767	3019	2845
6/ 65	.3	1.1	.7	.7	.5	.3	.2	.1	.1	.0									2783	2790	2974	2673
4/ 63	.2	.9	.6	.6	.4	.3	.2	.1	.1	.0									2443	2447	3117	2677
2/ 61	.3	.7	.6	.5	.4	.3	.3	.2	.1	.0									2285	2291	2828	2741
1/ 59	.2	.6	.7	.5	.4	.4	.3	.1	.0	.0									2245	2250	2525	2489
9/ 57	.2	.6	.7	.5	.4	.4	.3	.1	.0	.0									2205	2209	2415	2361
57/ 55	.2	.6	.7	.5	.5	.4	.2	.1	.0										2314	2317	2142	2183
54/ 53	.2	.6	.8	.6	.5	.5	.2	.1	.0										2361	2366	2149	2102
52/ 51	.1	.7	.9	.6	.6	.4	.2	.0											2375	2376	2255	2084
50/ 49	.2	.8	.7	.6	.6	.4	.1	.0											2360	2366	2574	2224
48/ 47	.2	.9	.6	.7	.7	.3	.1	.0											2453	2458	2622	2135
46/ 45	.2	.8	.8	.8	.6	.3	.0												2346	2354	2626	2166
44/ 43	.1	.9	.7	.8	.5	.2	.0												2204	2207	2412	1951
42/ 41	.2	.8	.8	.7	.5	.1													2156	2157	2770	1957
40/ 39	.2	.7	.8	.8	.4	.1													2022	2026	2621	2262
38/ 37	.3	.8	.8	.8	.3	.0													2012	2016	2445	2144

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724940 STATION | PATUXENT RIVER NAS MD STATION NAME | (S-HI YEARS | ALL 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
7[illegible] / 35	.2	.7	.8	.7	.2	.0												1746	1750	2282	2193
34/ 33	.2	.7	.8	.5	.1	.0												1562	1562	2140	2357
[illegible]27/ 31	.1	.8	.8	.6	.1	.0												1702	1708	1809	2490
3[illegible] / 29	.1	.5	.7	.4	.0													1179	1182	1728	1970
2[illegible] / 27	.1	.4	.5	.3	.0													922	926	1394	2082
26/ 25	.1	.4	.6	.1														809	812	1343	1807
24/ 23	.0	.2	.4	.0														433	433	1000	1219
22/ 21	.0	.2	.3	.0														386	386	795	1340
20/ 19	.1	.2	.3	.0														383	383	474	1534
18/ 17	.1	.1	.1	.0														181	184	312	1098
16/ 15	.0	.1	.1															142	143	244	854
14/ 13	.0	.1	.1															94	95	155	926
12/ 11	.0	.1	.0															61	63	111	731
10/ 9	.0	.0	.0															32	32	77	533
[illegible] / 7		.0	.0															18	18	41	351
[illegible] / 5	.0	.0																10	10	19	219
[illegible] / 3	.0	.0																4	4	8	209
[illegible] / 1	.0	.0																6	6	5	194
[illegible] / -1	.0																	6	6	9	122
[illegible] / -3	.0																	7	7	7	83
[illegible] / -5																					62
[illegible] / -7																					52
[illegible] / -9																					26
-10/-11																					12
-12/-13																					2
-14/-15																					6
-16/-17																					1
TOTAL	5.1	10.5	13.9	10.7	3.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68833			68702
																		68702		68702	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	352590848	4764126	69.3	17.986	68702							
Dry Bulb	245116979	3931937	57.1	17.263	68833	1.7	810.7	3122.7	2008.0	751.8	16.5	8760
Wet Bulb	202289524	3559166	51.8	16.143	68702	2.0	1210.3	2081.4	845.6	29.7		8760
Dew Point	171614938	3185588	46.4	18.065	68702	9[illegible].5	2278.4	1593.3	402.5	3.1		8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

72-[illegible] PATUXENT RIVER NAS MD 73-81
STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	32.7	33.7	43.8	51.6	60.1	67.8	72.6	73.3	67.6	55.2	47.5	38.9	53.8
	S D	9.941	10.520	9.400	8.039	6.971	5.728	4.508	4.321	5.844	8.284	9.349	9.213	16.139
	TOTAL OBS	734	671	737	711	728	711	732	731	702	734	713	732	8636
03-05	MEAN	31.9	32.6	42.4	50.1	58.7	66.5	71.3	72.2	66.6	54.2	46.4	38.0	52.6
	S D	10.196	10.658	9.294	7.998	6.997	5.728	4.458	4.277	5.946	8.247	9.350	9.252	16.100
	TOTAL OBS	739	670	724	709	722	709	733	729	704	734	710	730	8613
06-08	MEAN	31.5	32.1	42.9	52.1	61.4	69.8	73.8	74.1	67.7	54.9	46.3	37.6	53.7
	S D	10.215	10.720	9.502	8.102	7.163	5.323	4.517	4.547	6.104	8.350	9.428	9.486	17.090
	TOTAL OBS	735	669	723	703	720	700	723	722	698	728	702	733	8556
09-11	MEAN	35.6	37.9	48.8	58.8	67.0	75.1	79.7	80.2	73.6	61.5	52.5	42.3	59.5
	S D	9.770	11.591	10.312	9.214	7.901	5.831	5.126	5.458	6.717	8.127	9.422	9.230	17.513
	TOTAL OBS	732	660	731	708	733	712	731	734	702	733	708	730	8614
12-14	MEAN	38.8	41.6	52.1	61.5	69.5	77.9	82.5	83.1	76.6	64.7	55.9	45.7	62.4
	S D	9.828	12.039	10.417	9.562	8.081	6.153	5.366	5.870	6.760	8.444	9.976	9.663	17.448
	TOTAL OBS	729	662	733	710	732	709	727	728	708	727	705	726	8591
15-17	MEAN	38.3	41.3	51.7	61.0	69.3	77.4	82.5	82.4	75.8	63.5	54.4	44.3	61.9
	S D	9.767	11.540	9.702	9.139	7.980	6.248	5.405	5.658	6.457	8.229	9.694	9.050	17.411
	TOTAL OBS	732	669	733	708	729	707	731	725	705	735	704	732	8610
18-20	MEAN	34.9	36.9	47.5	56.6	65.3	73.5	78.3	77.9	71.0	58.1	49.9	40.7	57.6
	S D	9.466	10.290	8.816	8.241	7.401	5.916	4.956	5.075	6.093	7.816	8.897	8.895	16.973
	TOTAL OBS	729	666	729	698	724	705	726	726	709	728	707	735	8582
21-23	MEAN	33.6	35.1	45.5	53.4	61.8	69.6	74.5	74.8	68.6	56.1	48.4	39.5	55.2
	S D	9.632	10.686	9.020	7.864	7.082	5.623	4.435	4.516	5.829	8.137	9.452	9.020	16.284
	TOTAL OBS	731	665	734	704	731	711	732	738	708	731	708	733	8626
ALL HOURS	MEAN	34.7	36.4	46.9	55.6	64.1	72.2	76.9	77.2	71.0	58.5	50.2	40.9	57.1
	S D	10.183	11.529	10.211	9.506	8.424	7.110	6.395	6.396	7.228	9.071	10.055	9.632	17.263
	TOTAL OBS	5861	5552	5844	5651	5819	5664	5835	5833	5636	5850	5657	5851	68833

USAFETAC FORM JUL 64 0-89-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

72-80 PATUXENT RIVER NAS MD 73-81
STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	30.1	30.5	39.9	46.6	56.2	63.9	68.9	70.0	64.2	51.8	43.9	35.6	50.2
	S D	9.859	9.662	8.828	7.685	7.101	6.211	4.690	4.410	6.434	8.666	9.534	9.212	15.987
	TOTAL OBS	733	668	736	709	727	710	731	731	696	733	713	731	8618
03-05	MEAN	29.5	29.7	39.0	45.8	55.3	63.2	68.2	69.4	63.7	51.2	43.2	34.8	49.5
	S D	10.186	9.921	9.018	7.892	7.448	6.225	4.897	4.402	6.554	8.727	9.656	9.236	16.117
	TOTAL OBS	738	668	724	708	721	705	733	726	695	729	709	729	8585
06-08	MEAN	29.2	29.4	39.5	47.1	57.2	65.2	69.5	70.5	64.5	51.7	43.2	34.5	50.1
	S D	10.135	10.155	9.274	7.966	7.540	5.688	4.832	4.480	6.546	8.789	9.694	9.479	16.709
	TOTAL OBS	733	668	723	702	720	700	721	722	695	725	702	733	8542
09-11	MEAN	32.1	33.1	42.9	50.2	59.8	67.5	71.8	72.8	66.9	55.0	46.9	37.7	53.2
	S D	9.579	10.286	9.282	8.032	7.557	5.745	4.868	4.674	6.394	8.408	9.395	9.106	16.231
	TOTAL OBS	729	659	731	707	733	712	730	733	701	730	707	728	8600
12-14	MEAN	33.4	35.2	44.6	51.4	60.8	68.1	72.6	73.5	67.8	56.4	48.5	39.6	54.5
	S D	9.158	9.936	8.786	7.862	7.273	5.828	4.953	4.739	6.304	8.272	9.459	9.076	15.759
	TOTAL OBS	727	660	732	710	729	709	727	728	706	726	704	725	8583
15-17	MEAN	33.6	35.1	44.4	51.1	60.6	67.7	72.4	73.2	67.5	55.9	47.7	38.7	54.1
	S D	9.117	9.558	8.231	7.430	7.114	5.866	4.953	4.658	6.174	8.163	9.314	8.656	15.706
	TOTAL OBS	730	668	732	706	729	707	728	723	702	734	703	731	8593
18-20	MEAN	31.6	32.7	42.1	49.1	58.8	66.0	70.9	71.5	65.6	53.3	45.3	36.6	52.0
	S D	9.304	9.306	8.084	7.365	7.075	5.970	4.717	4.558	6.321	8.237	9.256	8.921	15.914
	TOTAL OBS	729	665	728	695	724	705	725	726	705	727	706	734	8569
21-23	MEAN	30.6	31.6	41.0	47.5	57.4	64.6	69.7	70.5	64.5	52.1	44.3	35.9	50.9
	S D	9.477	9.596	8.487	7.427	7.074	6.158	4.690	4.511	6.379	8.478	9.612	8.990	15.908
	TOTAL OBS	730	665	734	702	731	708	732	738	704	728	708	732	8612
ALL HOURS	MEAN	31.3	32.2	41.7	48.6	58.3	65.8	70.5	71.4	65.6	53.4	45.4	36.7	51.8
	S D	9.749	10.026	8.988	7.965	7.522	6.201	5.074	4.787	6.561	8.682	9.686	9.245	16.143
	TOTAL OBS	5849	5321	5840	5639	5814	5656	5827	5827	5602	5832	5652	5843	68702

USAFETAC FORM JUL 84 0-89-5 (OL-1)

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] PATUXENT RIVER NAS MD 73-81
STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	24.3	23.9	34.3	40.9	52.9	61.3	66.8	68.2	61.9	48.4	39.3	29.6	46.1
	S D	12.710	12.092	11.192	9.948	8.941	7.600	5.714	5.163	7.855	10.345	11.740	12.036	18.417
	TOTAL OBS	733	668	736	709	727	710	731	731	696	733	713	731	8618
	MEAN	24.[illegible]	23.5	33.8	40.7	52.3	61.0	66.3	67.9	61.8	48.2	39.0	29.0	45.7
[illegible]	S D	12.960	12.285	11.408	9.891	9.381	7.396	6.057	5.084	7.799	10.345	11.761	12.004	18.493
	TOTAL OBS	736	668	724	708	721	705	733	726	695	729	709	729	8585
	MEAN	23.[illegible]	23.5	34.4	41.6	53.7	62.2	67.1	68.7	62.5	48.6	39.1	28.9	46.2
[illegible]	S D	12.731	12.571	11.755	10.221	9.799	7.240	6.210	5.258	7.768	10.509	11.653	12.025	18.891
	TOTAL OBS	733	668	723	702	720	700	721	722	693	725	702	733	8542
	MEAN	25.0	24.3	35.2	41.2	54.1	62.5	67.7	69.3	62.9	49.3	40.4	30.4	47.0
[illegible]	S D	13.053	13.153	12.217	10.993	10.311	7.768	6.494	5.662	7.957	11.086	12.151	12.301	18.901
	TOTAL OBS	724	659	731	707	733	712	730	733	701	730	707	728	8600
	MEAN	24.9	24.3	35.1	40.9	54.2	62.2	67.5	68.9	62.6	49.0	40.2	30.3	46.8
[illegible]-14	S D	12.792	12.776	12.097	11.174	10.385	8.256	6.910	6.052	8.338	11.358	12.729	12.642	18.916
	TOTAL OBS	727	660	732	710	729	709	727	728	706	726	704	725	8583
	MEAN	24.3	24.1	35.1	40.7	53.9	61.8	67.3	68.7	62.5	49.0	40.0	29.9	46.6
[illegible]-17	S D	12.724	12.314	11.599	10.940	10.254	8.431	7.099	6.094	8.355	11.214	12.656	12.595	18.773
	TOTAL OBS	730	668	732	706	729	707	728	723	702	734	703	731	8593
	MEAN	24.7	24.6	34.8	40.7	53.5	61.3	66.9	68.3	62.1	48.6	39.5	29.7	46.3
[illegible]-20	S D	12.507	12.352	10.977	10.529	9.721	8.242	6.474	5.828	7.964	10.485	12.044	12.091	18.472
	TOTAL OBS	729	665	728	695	724	705	725	726	705	727	706	734	8569
	MEAN	24.3	24.5	34.9	40.9	53.7	61.3	67.0	68.3	61.8	48.2	39.1	29.7	46.3
1-23	S D	12.516	12.159	11.043	10.118	8.892	7.839	5.938	5.451	7.919	10.385	11.990	11.852	18.404
	TOTAL OBS	730	665	734	702	731	708	732	738	704	728	708	732	8612
	MEAN	24.5	24.2	34.7	41.0	53.5	61.7	67.1	68.5	62.3	48.7	39.6	29.7	46.4
ALL HOURS	S D	12.750	12.485	11.546	10.485	9.740	7.870	6.386	5.598	8.002	10.724	12.099	12.173	18.663
	TOTAL OBS	5649	5321	5840	5639	5814	5656	5827	5827	5602	5832	5652	5843	68702

USAFETAC FORM JUL 64 0-89-5 (OL-1)

...SIONAL CLIMATOLOGY BRANCH
...SAFETAC
AI... WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7...645 PATUXENT RIVER NAS MD 74-81 JAN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	0-02	1...0	100.0	100.0	99.2	90.5	73.1	54.2	35.3	15.1	72.3	733
	...-05	100.0	100.0	100.0	99.2	91.1	76.5	56.0	37.4	18.4	75.6	739
	...-08	100.0	100.0	100.0	99.2	92.1	76.1	55.0	37.5	19.9	75.9	735
	...-11	100.0	100.0	99.6	94.0	77.9	55.1	40.6	29.2	14.1	67.0	729
	12-14	100.0	100.0	97.5	83.1	61.3	41.3	30.5	19.0	9.1	59.9	727
	15-17	100.0	100.0	97.3	84.1	63.0	44.7	32.5	18.9	7.9	60.6	730
	18-20	100.0	100.0	99.9	96.4	85.1	61.2	42.8	25.7	10.6	67.8	729
	21-23	100.0	100.0	100.0	98.5	87.1	66.8	48.6	29.7	13.0	70.1	730
TOTALS		100.0	100.0	99.3	94.2	80.6	61.8	45.0	29.1	13.5	68.2	5849

USAFETAC FORM AIR 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]340	PATUXENT RIVER NAS MD	73-80	FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	00-02	100.0	100.0	100.0	95.5	82.9	66.9	48.7	28.9	10.2	69.6	666
	03-05	100.0	100.0	99.7	97.3	87.0	69.2	52.8	32.6	13.3	70.5	668
	06-08	100.0	100.0	99.7	98.2	90.3	71.9	52.2	35.6	12.1	71.5	668
	09-11	100.0	100.0	98.2	87.6	64.0	41.0	29.4	20.5	9.3	61.4	659
	12-14	100.0	98.8	90.5	69.1	47.4	29.7	21.4	15.0	5.9	53.3	660
	15-17	100.0	99.1	92.1	70.5	51.5	33.1	24.0	16.0	6.9	54.9	668
	18-20	100.0	99.8	98.0	86.9	71.9	52.8	36.2	22.3	9.2	63.4	665
	21-23	100.0	100.0	99.5	93.1	79.8	62.6	43.6	27.1	8.6	67.0	665
TOTALS		100.0	99.7	97.2	87.5	71.9	53.4	38.5	24.8	9.1	63.7	5321

USAFETAC FORM AUG 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72[illegible] | PATUXENT RIVER NAS MD | 73-80 | MAR
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MA	0-02	100.0	100.0	100.0	97.0	84.8	67.7	52.7	33.8	16.0	70.9	735
	03-05	100.0	100.0	99.9	98.5	89.9	70.2	57.6	40.5	16.4	73.2	724
	06-08	100.0	100.0	99.7	97.9	90.6	70.3	56.0	40.7	17.7	73.3	723
	09-11	100.0	99.9	98.1	87.0	61.6	46.2	34.3	24.4	11.1	62.2	731
	12-14	100.0	99.3	90.8	72.5	50.5	36.1	25.7	18.2	8.2	55.9	732
	15-17	100.0	99.6	91.1	73.2	51.8	39.8	28.1	18.0	7.1	56.7	732
	18-20	100.0	100.0	97.4	88.2	71.4	53.8	38.3	23.5	9.3	63.9	728
	21-23	100.0	100.0	99.7	95.2	79.0	62.8	47.7	30.0	12.7	68.5	734
TOTALS		100.0	99.9	97.1	88.7	72.5	55.9	42.6	28.6	12.3	65.6	5840

USAFETAC FORM NO. 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72[illegible] PATUXENT RIVER NAS MD | 73-80 | APR
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.6	96.8	84.2	66.9	46.8	23.7	6.1	68.2	709
	03-05	100.0	100.0	100.0	99.4	91.0	75.1	54.2	26.1	8.2	71.5	708
	06-08	100.0	100.0	100.0	98.6	85.8	64.7	47.3	25.2	8.7	68.9	702
	09-11	100.0	100.0	94.6	76.1	52.2	32.8	21.8	11.3	2.0	54.7	707
	12-14	100.0	99.7	85.5	62.4	40.4	26.1	15.2	6.6	2.0	49.7	710
	15-17	100.0	98.9	84.1	65.4	42.5	27.8	17.6	8.6	1.8	50.4	706
	18-20	100.0	99.9	94.7	81.4	59.9	42.3	27.2	12.8	2.9	57.9	695
	21-23	100.0	100.0	98.6	92.6	76.6	58.4	38.7	19.7	4.3	64.7	702
TOTALS		100.0	99.8	94.6	84.1	66.6	49.3	33.6	17.3	4.5	61.7	5639

USAFETAC FORM JUL 84 0-87-5 (OL A)

[redacted]

[redacted] CLIMATOLOGY BRANCH
[redacted]
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[redacted] STATION | PATUXENT RIVER NAS MD STATION NAME | 73-80 PERIOD | MAY MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.2	94.6	84.5	70.6	42.7	21.2	74.3	727
	03-05	100.0	100.0	100.0	99.7	95.8	86.7	74.6	50.6	28.6	77.2	721
	06-08	100.0	100.0	100.0	98.5	93.5	81.7	66.5	40.5	23.6	77.5	720
	09-11	100.0	100.0	98.8	92.0	76.0	57.4	39.4	23.7	9.8	65.6	735
	12-14	100.0	100.0	96.2	85.2	64.7	47.6	31.0	17.8	6.7	60.8	729
	15-17	100.0	100.0	95.5	83.8	65.8	48.0	31.3	16.9	6.6	60.8	729
	18-20	100.0	100.0	99.2	95.6	79.3	63.8	44.5	27.1	11.7	67.9	728
	21-23	100.0	100.0	100.0	99.3	94.4	81.9	64.2	40.9	17.0	76.1	731
TOTALS		100.0	100.0	98.7	93.9	83.0	69.0	52.7	35.2	15.4	70.9	5814

2772

USAFETAC FORM AUG 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72[illegible]40) PATUXENT RIVER NAS MD 73-80 JUN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.9	99.2	95.4	79.4	52.3	19.0	80.2	713
	03-05	100.0	100.0	100.0	100.0	99.6	97.4	85.0	60.7	22.7	82.7	705
	06-08	100.0	100.0	100.0	99.7	98.0	90.0	78.0	44.4	15.0	77.5	700
	09-11	100.0	100.0	99.9	96.6	85.8	63.8	41.0	16.9	5.9	66.2	712
	12-14	100.0	100.0	99.2	91.1	71.4	45.0	27.2	8.6	2.5	60.1	709
	15-17	100.0	99.9	98.6	88.5	70.4	47.2	28.4	12.9	2.4	60.5	707
	18-20	100.0	100.0	99.7	95.5	84.4	64.4	44.4	22.8	6.0	67.3	705
	21-23	100.0	100.0	100.0	99.9	96.9	87.1	66.2	39.0	10.9	75.6	708
TOTALS		100.0	100.0	99.7	90.4	88.2	73.8	55.2	32.1	10.3	71.3	5656

USAFETAC FORM AWS 04 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72-060 PATUXENT RIVER NAS MD 73-80 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.7	96.4	83.2	62.7	23.0	82.2	731
	03-05	100.0	100.0	100.0	99.7	99.2	97.4	88.0	70.5	29.1	84.7	733
	06-08	100.0	100.0	100.0	99.4	98.2	92.0	79.9	55.6	17.6	80.2	721
	09-11	100.0	100.0	100.0	98.9	90.5	68.9	44.2	15.5	3.2	67.7	730
	12-14	100.0	100.0	99.7	96.5	78.5	50.2	24.9	9.2	1.8	61.6	727
	15-17	100.0	100.0	99.9	94.1	73.9	51.2	26.2	9.9	1.1	61.4	728
	18-20	100.0	100.0	100.0	98.5	89.8	71.3	48.0	22.3	5.5	69.1	725
	21-23	100.0	100.0	100.0	100.0	99.0	92.8	74.5	47.0	12.6	78.2	732
TOTALS		100.0	100.0	100.0	98.4	91.1	77.5	58.6	36.3	11.7	73.1	5827

2773

USAFETAC FORM AWS 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible] MD	PATUXENT RIVER NAS MD	73-80	AUG

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	00-02	100.0	100.0	100.0	100.0	100.0	98.9	91.1	65.7	23.8	84.3	731
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	92.6	78.1	31.7	86.5	726
	06-08	100.0	100.0	100.0	100.0	99.9	98.2	88.0	65.7	23.3	83.6	722
	09-11	100.0	100.0	100.0	99.9	95.9	77.9	49.5	20.2	2.7	70.2	733
	12-14	100.0	100.0	100.0	98.4	82.1	56.3	28.7	9.3	1.4	63.1	728
	15-17	100.0	100.0	100.0	97.9	83.0	61.0	33.1	11.2	2.5	64.2	723
	18-20	100.0	100.0	100.0	99.7	95.3	82.9	60.1	31.0	7.7	75.2	726
	21-23	100.0	100.0	100.0	100.0	99.7	95.8	83.5	51.1	15.0	80.5	735
TOTALS		100.0	100.0	100.0	99.5	94.5	83.8	65.8	41.9	13.5	75.7	5827

USAPETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72-045 PATUXENT RIVER NAS MD 73-80 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	98.7	94.3	64.2	5[illegible].5	25.6	82.4	696
	03-05	100.0	100.0	100.0	100.0	99.7	96.3	89.4	63.8	33.2	85.1	695
	06-08	100.0	100.0	100.0	100.0	100.0	95.2	64.7	63.1	29.4	83.0	693
	09-11	100.0	100.0	100.0	99.6	92.7	73.6	47.9	24.1	8.3	78.2	701
	12-14	100.0	100.0	99.7	96.2	77.9	53.5	28.5	13.5	5.2	63.3	706
	15-17	100.0	100.0	99.7	95.7	81.1	58.4	32.9	16.0	6.3	64.6	702
	18-20	100.0	100.0	100.0	99.7	95.6	83.3	60.7	35.5	11.1	74.2	705
	21-23	100.0	100.0	99.9	99.9	98.0	92.2	79.0	52.1	18.2	79.6	704
TOTALS		100.0	100.0	99.9	98.9	93.0	80.9	63.4	41.6	17.2	75.4	5603

USAFETAC FORM AUG 64 0-87-5 (OL A)

2774

...L CLIMATOLOGY BRANCH
USAFETAC
... WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
... 43	PATUXENT RIVER NAS MD	73-80	OCT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.9	98.9	90.9	71.2	45.8	19.1	78.6	733
	03-05	100.0	100.0	100.0	100.0	98.8	92.3	77.0	54.7	23.7	80.7	729
	06-08	100.0	100.0	100.0	99.7	98.6	89.7	75.3	51.2	23.4	80.2	725
	09-11	100.0	100.0	99.9	96.0	81.1	57.8	41.1	22.5	4.9	66.5	730
	12-14	100.0	100.0	98.5	85.5	61.7	39.3	24.2	14.3	4.0	58.6	726
	15-17	100.0	100.0	98.6	89.8	68.4	46.6	30.4	15.9	6.4	61.3	734
	18-20	100.0	100.0	100.0	99.3	92.0	75.2	50.6	29.7	11.7	71.7	727
	21-23	100.0	100.0	100.0	99.7	96.7	83.5	61.8	36.7	16.3	75.6	728
TOTALS		100.0	100.0	99.6	96.2	87.1	71.9	54.1	33.9	14.2	71.7	5832

USAFETAC FORM AIR 64 0-87-5 (OL A)

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

RELATIVE HUMIDITY

...-MD | PATUXENT RIVER NAS MD | 73-MD | NOV
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.2	93.0	75.9	59.7	37.0	18.7	74.5	713
	03-05	100.0	100.0	100.0	99.4	95.8	82.9	64.2	43.0	19.6	76.8	709
	06-08	100.0	100.0	100.0	99.7	97.0	84.3	64.9	42.6	18.5	74.8	702
	09-11	100.0	100.0	100.0	95.3	77.2	52.6	38.2	22.6	9.5	65.3	707
	12-14	100.0	100.0	97.4	80.4	54.1	39.2	26.1	17.0	8.1	57.7	704
	15-17	100.0	100.0	98.3	84.2	60.2	46.2	34.0	21.6	9.1	60.9	703
	18-20	100.0	100.0	100.0	98.3	84.4	63.7	45.9	28.2	11.2	66.6	706
	21-23	100.0	100.0	99.7	99.3	89.1	72.0	52.4	31.6	13.4	71.6	708
TOTALS		100.0	100.0	99.4	94.4	81.4	64.6	48.2	30.7	13.4	69.2	5652

USAPETAC FORM JUL 64 0-87-5 (OL A)

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
... 46	PATUXENT RIVER NAS MD	73-80	DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	...-02	100.0	100.0	100.0	97.9	85.8	66.3	52.1	3[illegible]	11.2	[illegible]	731
	...-05	100.0	100.0	100.0	98.9	88.3	69.8	50.8	34.5	12.3	71.3	729
	...-08	100.0	100.0	100.0	98.9	91.0	72.7	54.7	[illegible]2.5	12.7	[illegible]	733
	...-11	100.0	100.0	100.0	94.0	74.8	50.5	36.3	22.8	10.6	64.7	726
	12-14	100.0	99.9	95.9	79.4	55.0	36.7	26.5	16.6	7.7	57.3	725
	15-17	100.0	99.7	95.9	81.7	60.2	43.4	29.5	18.5	8.2	59.5	731
	18-20	100.0	100.0	99.6	94.8	77.8	61.4	40.5	24.8	8.4	66.6	734
	21-23	100.0	100.0	100.0	97.7	82.0	67.8	48.8	29.4	10.9	69.5	732
TOTALS		100.0	100.0	98.9	92.9	76.8	58.8	42.4	26.1	12.3	66.4	5843

USAFETAC FORM AM 64 0-87-5 (OL A)

...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

RELATIVE HUMIDITY

... 47	PATUXENT RIVER NAS MD	73-81	ALL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
...	ALL	1..0	100.0	99.3	94.2	8..P	61.8	45.0	2..1	13..	..1	5..4
..L		1..0	99.7	9..2	87.5	71.9	53.4	38.5	24.8	9.1	..7	1..1
		100.0	99.9	97.1	8..7	72.5	55.9	42.6	2..6	12.3	6..6	5..1
...		1..0	99.6	94.6	84.1	66.6	49.3	33.6	17.3	4.5	5..7	5..4
..Y		1..0	100.0	98.7	93.9	83.0	69.0	52.7	3..2	15.4	7..9	5..1
...		1..0	1..0	99.7	96.4	88.2	73.8	55.2	3..1	13.3	71.3	5..4
J..		1..0	100.0	100.0	95.4	91.1	77.5	58.6	3..5	11.7	75.1	5..7
...		100.0	100.0	100.0	99.5	94.5	85.8	65.8	41.9	13.5	75.7	5..7
...		1..0	100.0	99.9	98.9	93.0	8..9	63.4	41.6	17.2	75.4	5..1
...		1..0	1..0	9..6	96.2	87.0	71.9	54.0	..9	14.2	71.7	5..1
...		100.0	100.0	99.4	94.4	81.4	64.6	48.2	3..7	13.4	6..0	5..2
D..		1..0	100.0	9..9	92.9	76.8	58.8	42.4	..1	1..3	66.4	5..3
TOTALS		1..0	100.0	98.7	93.8	82.2	66.7	50.0	..5	12.1	69.3	68..1

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

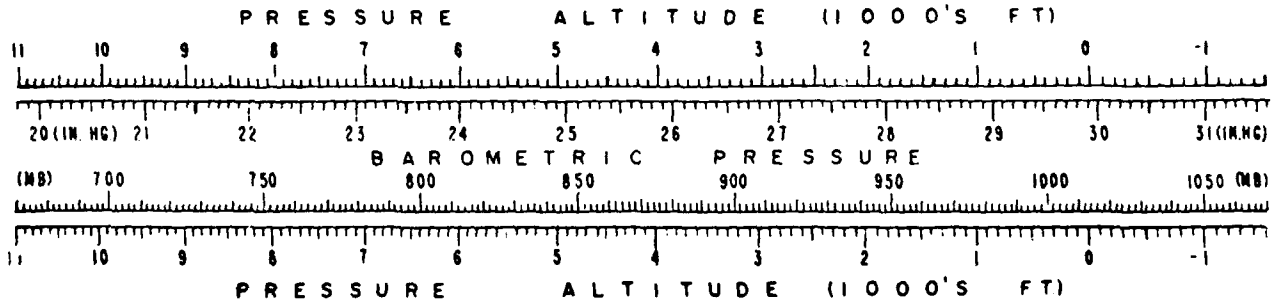
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



F

...AL CLIMATOLOGY BRANCH
...STAC
...WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

... 4 ... PATUXENT RIVER NAS MD 73-81
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	30.003	30.002	29.977	29.934	29.901	29.939	29.935	29.985	29.995	30.015	30.038	30.023	29.979
	S D	.285	.255	.241	.222	.162	.161	.130	.108	.143	.198	.209	.279	.211
	TOTAL OBS	242	222	247	239	244	236	238	239	251	246	239	245	2866
	MEAN	30.006	29.992	29.967	29.922	29.894	29.931	29.928	29.976	29.984	30.011	30.034	30.026	29.973
	S D	.286	.250	.239	.230	.166	.164	.132	.110	.144	.202	.214	.280	.213
	TOTAL OBS	246	224	242	235	241	236	245	242	237	244	238	241	2671
	MEAN	30.024	30.023	29.993	29.962	29.932	29.960	29.959	30.006	30.014	30.035	30.053	30.053	30.001
	S D	.281	.251	.247	.238	.167	.164	.133	.111	.150	.209	.216	.277	.214
	TOTAL OBS	241	223	244	234	240	235	241	239	235	244	232	240	2848
	MEAN	30.053	30.042	30.005	29.961	29.937	29.967	29.967	30.016	30.027	30.049	30.073	30.074	30.014
	S D	.291	.250	.266	.247	.170	.168	.132	.113	.152	.218	.217	.285	.221
	TOTAL OBS	242	223	243	236	244	237	241	246	234	243	234	246	2869
	MEAN	29.985	30.000	29.962	29.933	29.909	29.947	29.947	29.997	29.999	30.005	30.030	30.028	29.978
	S D	.287	.252	.270	.242	.172	.167	.133	.109	.155	.217	.214	.272	.217
	TOTAL OBS	240	216	244	235	243	238	243	240	238	244	233	239	2853
	MEAN	29.985	29.968	29.926	29.894	29.875	29.917	29.915	29.962	29.962	29.985	30.010	30.002	29.950
	S D	.284	.247	.262	.225	.168	.165	.133	.113	.150	.212	.211	.276	.215
	TOTAL OBS	242	223	245	233	246	236	242	240	232	244	235	243	2861
	MEAN	30.004	29.995	29.948	29.903	29.882	29.924	29.918	29.968	29.975	30.009	30.029	30.027	29.966
	S D	.284	.250	.254	.219	.161	.159	.127	.108	.146	.205	.206	.277	.212
	TOTAL OBS	242	222	241	232	240	234	245	244	235	244	234	244	2857
	MEAN	30.017	30.000	29.971	29.934	29.907	29.947	29.940	29.991	29.998	30.024	30.040	30.034	29.984
2	S D	.281	.248	.243	.217	.160	.159	.126	.106	.143	.199	.205	.277	.209
	TOTAL OBS	244	221	245	237	244	236	246	246	234	246	236	243	2878
ALL HOURS	MEAN	30.010	30.000	29.969	29.931	29.905	29.942	29.939	29.988	29.994	30.017	30.038	30.034	29.981
	S D	.285	.251	.254	.231	.167	.164	.132	.111	.149	.208	.212	.278	.215
	TOTAL OBS	1939	1774	1951	1881	1942	1888	1941	1936	1876	1955	1881	1939	22903

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

[redacted] PATUXENT RIVER NAS MD 73-81
STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[redacted]	MEAN	1018.1	1017.9	1017.1	1015.6	1014.5	1015.8	1015.7	1017.4	1017.7	1018.4	1019.1	1018.7	1017.2
	S D	9.587	8.668	8.150	7.523	5.524	5.446	4.375	3.637	4.856	6.690	7.131	9.439	7.139
	TOTAL OBS	245	220	247	239	243	237	240	242	231	245	238	243	2868
	MEAN	1015.0	1017.6	1016.7	1015.3	1014.3	1015.6	1015.5	1017.2	1017.4	1018.3	1019.0	1018.8	1017.0
	S D	9.657	8.486	8.139	7.771	5.625	5.520	4.444	3.714	4.954	6.849	7.220	9.467	7.202
	TOTAL OBS	246	224	244	236	239	239	246	245	239	244	239	241	2882
	MEAN	1018.8	1018.7	1017.7	1016.6	1015.6	1016.5	1016.5	1018.1	1018.4	1019.1	1019.7	1019.8	1017.9
	S D	9.532	8.502	8.378	8.114	5.689	5.557	4.474	3.822	5.108	7.046	7.322	9.412	7.265
	TOTAL OBS	242	222	244	234	239	235	241	240	235	245	233	243	2853
	MEAN	1019.7	1019.3	1018.0	1016.6	1015.7	1016.7	1016.8	1018.4	1018.9	1019.6	1020.4	1020.4	1018.4
	S D	9.832	8.497	9.011	8.371	5.755	5.685	4.467	3.844	5.200	7.355	7.344	9.674	7.499
	TOTAL OBS	243	222	245	236	245	238	242	244	229	245	236	245	2870
	MEAN	1017.4	1017.8	1016.6	1015.7	1014.9	1016.1	1016.1	1017.8	1017.9	1018.1	1018.8	1018.7	1017.2
	S D	9.697	8.495	9.128	8.162	5.776	5.653	4.505	5.703	5.240	7.351	7.261	9.351	7.566
	TOTAL OBS	241	218	244	234	241	238	243	240	235	244	235	240	2853
	MEAN	1017.2	1016.8	1015.4	1014.3	1013.7	1015.1	1015.0	1016.6	1016.5	1017.3	1018.2	1018.0	1016.2
	S D	9.706	8.406	8.893	7.616	5.708	5.580	4.456	3.827	5.114	7.173	7.139	9.334	7.289
	TOTAL OBS	244	224	246	233	245	236	244	240	232	245	235	241	2865
	MEAN	1016.2	1017.6	1016.1	1014.6	1013.9	1015.3	1015.1	1016.8	1017.0	1018.2	1018.9	1018.8	1016.7
	S D	9.608	8.485	8.613	7.451	5.534	5.379	4.298	3.658	4.918	6.954	6.956	9.376	7.204
	TOTAL OBS	242	222	241	232	240	234	245	245	235	243	235	246	2860
	MEAN	1018.5	1018.0	1016.9	1015.7	1014.7	1016.1	1015.9	1017.6	1017.8	1018.7	1019.3	1019.0	1017.3
	S D	9.539	8.423	8.165	7.375	5.393	5.385	4.279	3.580	4.867	6.751	6.948	9.390	7.062
	TOTAL OBS	244	223	244	238	245	236	246	246	235	245	236	245	2881
ALL HOURS	MEAN	1018.2	1018.0	1016.8	1015.5	1014.7	1015.9	1015.8	1017.5	1017.7	1018.5	1019.2	1019.0	1017.2
	S D	9.656	8.508	8.587	7.829	5.658	5.543	4.445	3.760	5.070	7.041	7.178	9.439	7.281
	TOTAL OBS	1945	1775	1955	1882	1937	1893	1947	1942	1871	1956	1887	1942	22932

END

DATE
FILMED

8 82

DTIC