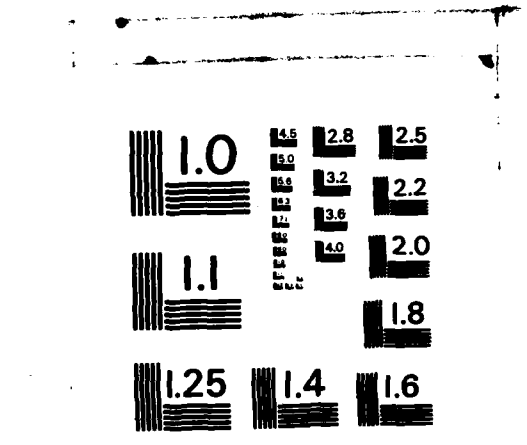
AD-A140 245 MCGHEE-TYSON AIRPORT TENNESSEE REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 30 JAN 84 1/5

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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MCGHEE-TYSON APT TN MSC #723260
N 35 ..9 W 084 00 ELEV 981 FT TYS

PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: SEP 73 - AUG 83
SUMMARY OF DAY DATA: JAN 48 - AUG 83

TIME CONVERSION GMT TO LST: -5

30 JAN 1984

DISTRIBUTION STATEMENT A
Approved for public release;
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-84/006	2. GOVT ACCESSION NO. AD-A140 245	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- MCGHEE-TYSON AIRPORT, TENNESSEE		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/CBD Air Weather Service (MAC) Scott AFB, IL 62225		12. REPORT DATE JAN 84 13. NUMBER OF PAGES 320
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)

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

18. SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statisitical summary of surface weather observations for McGhee-Tyson Airport, Knoxville, Tennessee.

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 (over)

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*TENNESSEE *MCGHEE-TYSON *MCGHEE-TYSON APT
*MCGHEE-TYSON AIRPORT *KNOXVILLE *USTN723260

20. 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 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.

REVIEW AND APPROVAL STATEMENT

This report, ETAC/DS-84-006 , is approved for public release. There is no objection to unlimited distirbution of this report to the public at large, or by Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

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

Wayne E McCollom

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

FOR THE COMMANDER

Walter S. Burgmann

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Director, Air Weather Service
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4 APR 1984

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A-1

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	PART E	DAILY MAX, MIN, & MEAN TEMP
	ATMOSPHERIC PHENOMENA		EXTREME MAX & MIN TEMP
PART B	PRECIPITATION		PSYCHROMETRIC-DRY VS WET BULB
	SNOWFALL		MEAN & STD DEV . (DRY BULB, WET BULB, & DEW POINT)
	SNOW DEPTH ·		RELATIVE HUMIDITY
PART C	SURFACE WINDS		
PART D	CEILING VERSUS VISIBILITY	PART F	STATION PRESSURE
	SKYCOVER		SEA LEVEL PRESSURE

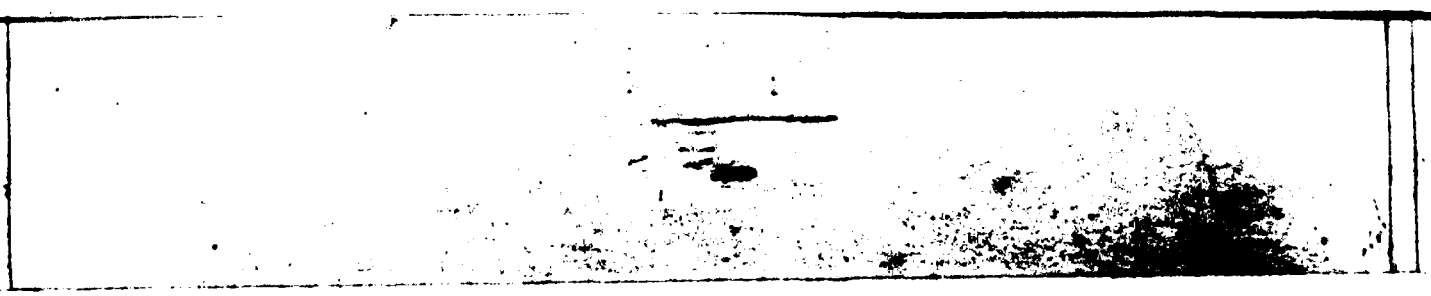
STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 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 ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMBER
723260	McGhee-Tyson Airport/Knoxville TN	N 35 49	W 084 00	981	TYS	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Knoxville Municipal Airport	WB	Jan 48	Dec 64	N 35 49	W 083 59	989	974	24
2	Same	WB	Jan 65	Apr 77	Same	Same	Same	980	24
3.	McGhee-Tyson Airport/Knoxville TN	WB	May 77	Nov 83	Same	W 084 00	981	975	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 48	Unknown	Unknown	Unknown	Unknown	
2	Dec 64	Ground	F420C	Unknown	22 Ft	
3	May 71	Ground	F420C	F312	22 Ft	
4	Nov 83	Ground	F420C	F312	22 Ft	

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CONTINUED ON REVERSE SIDE

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

72326? MCGHEE TYSON AIRPORT TN 74-8? 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	.3	11.7	1.2	5.1		17.4	20.0	1.4			21.1	93?
	03-05	.4	12.2	.9	4.9		17.6	22.5	1.4	.1		23.9	930
	06-08	.2	13.5	.6	6.9		20.8	25.7	1.8		.1	27.3	930
	09-11	.1	12.8	.8	9.2		22.0	27.2	7.2			32.0	930
	12-14		13.4	.9	6.0		19.4	18.5	7.1		.1	24.9	930
	15-17		12.5	.4	4.0		16.6	15.1	5.2			18.9	930
	18-20	.1	13.8	.8	4.2		18.2	16.7	4.0			19.0	930
	21-23	.1	11.0	1.0	4.6		16.0	16.6	3.0			18.0	930
TOTALS		.2	12.6	.8	5.6		18.5	20.3	3.9	.0	.0	23.1	7440

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723260 MCGHEE TYSON AIRPORT TN 74-83 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	.6	11.2	.1	5.4		15.8	12.6	4.8		.4	17.6	846
	03-05	.5	10.1		5.9		15.3	15.8	4.3	.4	.2	20.3	848
	06-08	.2	12.4	.1	5.8		17.6	18.6	3.5		.2	21.6	846
	09-11	.1	10.8	.2	6.0		16.2	18.1	7.8		.5	25.3	845
	12-14	.2	9.7		3.9		13.1	11.7	7.9		.4	19.4	846
	15-17		9.8		3.0	.1	12.4	9.0	6.8		.4	15.6	844
	18-20	.4	9.0	.1	3.2		11.9	8.7	7.1		.5	15.6	846
	21-23	.5	9.9	.5	4.0		13.9	9.0	7.0		.4	15.6	846
TOTALS		.3	10.4	.1	4.7	.0	14.3	12.9	6.2	.1	.4	18.9	6763

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723260 MCGHEE TYSON AIRPORT TN 74-83 MAR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02	.8	11.4		.9		12.3	9.6	.3			9.8	930
	03-05	1.3	12.9		2.2	.1	14.7	14.1	.3			14.1	930
	06-08	1.3	13.4		1.9		15.1	20.2	.9			20.8	930
	09-11	.8	11.0	.2	2.5		13.3	15.3	4.0			19.2	930
	12-14	.8	9.5		2.6		12.0	7.0	1.7			8.6	930
	15-17	.5	11.1		1.6		12.6	6.2	1.5			7.5	930
	18-20	.9	10.6		1.5		11.8	7.2	.3			7.5	930
	21-23	.5	10.6		1.6		12.2	8.0	.3			8.3	930
TOTALS		.9	11.3	.0	1.9	.0	13.0	11.0	1.2			12.0	7440

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USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723265 MCGHEE TYSON AIRPORT TN 74-83 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	.6	7.3				7.3	4.8				4.8	900
	03-05	.4	7.7				7.7	7.0				7.0	900
	06-08	1.0	8.2		.2		8.3	11.3	.2			11.3	900
	09-11	1.2	9.5		.2	.1	9.7	9.1	2.4			11.5	899
	12-14	.9	7.7				7.7	3.3	1.0		.1	4.4	900
	15-17	.7	6.3				6.3	2.2	.2			2.4	900
	18-20	1.2	7.2				7.2	2.4	.2		.1	2.8	900
	21-23	1.3	8.2				8.2	4.2	.2			4.4	899
TOTALS		.9	7.8		.1	.0	7.8	5.5	.5		.0	6.1	7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723260 | MCGHEE TYSON AIRPORT TN | 74-83 | 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	.4	8.3				8.3	19.7	5.8			23.7	930
	03-05	1.1	8.2				8.2	33.3	5.6			35.9	930
	06-08	.6	9.6				9.6	41.5	9.5			45.9	930
	09-11	.3	7.1				7.1	14.7	18.6			31.6	928
	12-14	1.1	9.8				9.8	5.3	12.6			17.0	930
	15-17	3.2	10.5				10.5	4.3	7.5			11.4	930
	18-20	2.6	10.2				10.2	4.7	5.4			9.8	930
	21-23	1.6	7.8				7.8	9.4	6.0			14.3	930
TOTALS		1.4	8.9				8.9	16.6	8.9			23.7	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723260 | MCGHEE TYSON AIRPORT TN | 74-83 | JUN
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
JUN	00-02	1.7	5.1				5.1	11.8	7.1			17.8	900
	03-05	1.1	5.7				5.7	22.9	7.2			27.8	899
	06-08	.6	6.1				6.1	37.6	15.6			47.3	900
	09-11	.3	4.2				4.2	8.8	21.9			29.2	900
	12-14	.7	4.3				4.3	1.7	15.4			16.3	900
	15-17	3.0	6.3				6.3	2.4	11.6			13.8	899
	18-20	3.4	5.7				5.7	2.8	10.9		.1	13.7	900
	21-23	1.6	5.0				5.0	4.2	10.6			14.3	900
TOTALS		1.6	5.3				5.3	11.5	12.5		.0	22.5	7198

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

723260 MCGHEE TYSON AIRPORT TN 74-83 JUL

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
JUL	00-02	1.4	3.8				3.8	17.8	28.5			41.4	93?
	03-05	.4	3.9				3.9	33.1	28.0			53.1	93?
	06-08	.8	4.1				4.1	44.1	37.2			66.2	929
	09-11	.4	4.3				4.3	10.2	46.2			54.5	929
	12-14	2.2	6.2				6.2	4.0	37.0			4?.8	93?
	15-17	4.8	8.1				8.1	2.4	31.6			33.8	930
	18-20	3.7	6.3				6.3	1.8	32.?			33.3	93?
	21-23	2.5	4.0				4.0	4.4	32.8			36.2	930
TOTALS		2.0	5.1				5.1	14.7	34.2			44.9	7438

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

723260 MCGHEE TYSON AIRPORT TN 74-87 AUG

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	.6	2.8				2.8	14.9	28.2			38.4	930
	03-05	.4	3.2				3.2	29.5	28.4			47.8	928
	06-08	.3	3.8				3.8	53.9	31.8			67.4	929
	09-11	.2	4.5				4.5	13.7	43.8			53.7	930
	12-14	1.5	3.0				3.0	2.4	35.3			37.2	930
	15-17	4.0	5.7				5.7	1.4	28.4			29.6	930
	18-20	2.7	6.0				6.0	3.2	26.3			28.9	928
	21-23	1.7	5.0				5.0	6.6	26.5			32.3	927
TOTALS							4.3	15.7	31.1			41.9	7432

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

723260 MCGHEE TYSON AIRPORT TN 73-82 SEP

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.
SEP	00-02	.7	4.1				4.1	19.3	9.6			27.6	900
	03-05	.3	6.0				6.0	32.4	8.2			38.4	900
	06-08	.2	8.0				8.0	52.1	12.3			56.8	900
	09-11	.9	8.7				8.7	22.8	30.9			49.6	900
	12-14	.3	8.7				8.7	7.0	19.4			26.0	900
	15-17	1.9	9.9				9.9	6.7	13.9			20.1	900
	18-20	1.3	8.3				8.3	7.1	11.6			18.0	900
	21-23	.9	4.4				4.4	8.3	11.7			19.6	900
TOTALS		.8	7.3				7.3	19.5	14.7			32.0	7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723260 MCGHEE TYSON AIRPORT TN 73-82 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	.1	7.1				7.1	14.5	3.1			16.8	93[illegible]
	03-05		7.1				7.1	24.9	3.1			26.3	930
	06-08	.2	8.1				8.1	36.2	6.9			38.1	930
	09-11	.1	8.3				8.3	21.7	15.5			34.6	930
	12-14		7.0				7.0	7.8	10.3			17.1	930
	15-17	.1	6.7				6.7	5.3	5.6			10.0	929
	18-20	.1	5.2				5.2	5.7	4.1			9.4	930
	21-23	.1	7.8				7.8	7.5	4.0			10.8	930
TOTALS		.1	7.2				7.2	15.5	6.6			20.4	7439

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

723260 | MCGHEE TYSON AIRPORT TN | 73-82 | NOV
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.
NOV	00-02	.3	10.8		.4		11.1	14.4	1.8			16.2	900
	03-05	.3	10.1		.3		10.4	19.4	1.2			20.4	900
	06-08		10.9		.4		11.3	23.7	3.0		.1	25.4	900
	09-11	.2	9.6		.9		10.4	21.3	11.8			31.1	900
	12-14		11.2		.7		11.7	10.5	7.2			17.7	899
	15-17	.1	10.3	.2	.7		11.0	9.8	2.8			12.3	900
	18-20	.1	10.6		.4	.2	11.2	10.1	1.8			11.7	900
	21-23	.6	12.4		.6		12.8	12.3	1.2			13.5	897
TOTALS		.2	10.7	.0	.6	.0	11.2	15.2	3.9		.0	18.5	7196

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

723260 MCGHEE TYSON AIRPORT TN 73-87 DEC

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02	.2	11.7	.1	2.3		14.0	13.7	.4			13.8	930
	03-05	.2	14.1		3.0		17.0	16.6	.9			17.1	930
	06-08	.2	16.1		3.3		18.7	20.6	1.1			21.2	930
	09-11	.1	13.5	.1	2.5		15.7	20.4	4.0			22.8	930
	12-14		11.1	.2	2.3		12.6	12.4	3.6			15.2	929
	15-17		11.1	.1	1.8		12.5	10.3	2.7			12.7	930
	18-20		10.4		1.2		11.4	11.7	1.7			13.0	930
	21-23		10.4		1.8		12.2	11.8	1.3			12.4	930
TOTALS		.1	12.3	.1	2.3		14.3	14.7	2.0			16.0	7439

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

723260 | MCGHEE TYSON AIRPORT TN | 73-83 | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.2	12.6	.8	5.6		18.5	20.3	3.9	.0	.0	23.1	7440
FEB		.3	10.4	.1	4.7	.0	14.5	12.9	6.2	.1	.4	18.9	6763
MAR		.9	11.3	.0	1.9	.0	13.0	11.0	1.2			12.3	7440
APR		.9	7.8		.1	.0	7.8	5.5	.5		.0	6.1	7198
MAY		1.4	8.9				8.9	16.6	8.9			23.7	7438
JUN		1.6	5.3				5.3	11.5	12.5		.0	22.5	7198
JUL		2.0	5.1				5.1	14.7	34.2			44.9	7438
AUG		1.4	4.3				4.3	15.7	31.1			41.9	7432
SEP		.8	7.3				7.3	19.5	14.7			32.0	7200
OCT		.1	7.2				7.2	15.5	6.6			20.4	7439
NOV		.2	10.7	.0	.6	.0	11.2	15.2	3.9		.0	18.5	7196
DEC		.1	12.3	.1	2.3		14.3	14.7	2.0			16.0	7439
TOTALS		.8	8.6	.1	1.3	.0	9.8	14.4	10.5	.0	.0	23.3	87621

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

72726 | MCGHEE TYSON AIRPORT TN | 48-87 | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY	2.5	46.1	3.6	22.6	.2	57.2	44.5	37.9	.4		6 .2	1115
FEB		4.9	47.4	1.6	18.2	.6	55.7	41.6	37.2	.1		58.8	1016
MAR		10.4	50.4	.3	12.1	.7	56.3	35.1	30.5	.1		51.1	1116
APR		14.2	47.1		1.8	1.4	47.5	28.0	19.1			36.3	1080
MAY		20.3	44.9			1.2	44.9	41.7	30.9			51.6	1116
JUN		25.5	45.7			.8	45.7	45.1	44.9			59.2	1079
JUL		30.6	49.8			.4	49.8	51.8	53.6			67.4	1116
AUG		21.5	43.3			.6	43.3	61.5	59.4			74.5	1116
SEP		10.0	39.3			.1	39.3	59.1	48.7			68.4	1049
OCT		4.2	33.7		.1	.1	33.7	52.7	45.5			65.0	1084
NOV		3.2	42.2	.2	8.8		45.6	45.0	40.4			61.4	1050
DEC		1.8	43.6	1.0	15.8	.3	50.8	41.9	38.4			59.2	1083
TOTALS		12.4	44.5	.6	6.6	.5	47.5	45.7	40.5	.0		59.4	13020

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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

723260 MCGHEE TYSON AIRPORT TN 46-83
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	42.7	16.8	2.8	5.8	5.1	7.9	7.9	8.2	2.4	.3				40.4	1116	4.67	11.74	1.35
FEB	44.3	14.9	3.2	6.2	4.1	7.5	9.5	6.8	3.3					40.7	1017	4.21	8.29	.74
MAR	43.9	14.9	1.9	7.0	3.8	8.2	8.6	7.3	3.9	.4				41.2	1116	5.32	10.42	1.99
APR	52.5	10.7	2.9	6.2	5.5	7.0	6.8	5.7	2.5	.2				36.8	1080	3.83	7.29	.39
MAY	54.9	9.9	1.7	5.6	4.7	8.3	6.4	6.0	2.3	.1				35.1	1116	3.79	10.98	.74
JUN	54.4	10.9	2.4	5.1	4.3	7.4	6.8	5.8	2.7	.3				34.7	1080	3.92	7.58	.97
JUL	50.3	12.7	2.2	5.4	4.2	7.7	7.6	6.1	3.7	.1				37.	1116	4.46	10.09	.70
AUG	56.7	12.1	2.8	6.0	3.7	6.1	6.3	4.7	1.3	.4				31.2	1116	3.11	6.72	.77
SEP	60.8	10.2	2.9	5.0	4.5	4.8	4.2	5.7	2.0	.1				29.0	1050	2.98	6.98	.50
OCT	66.4	8.6	1.8	5.2	2.7	5.3	4.4	3.2	2.5					25.1	1085	2.80	6.67	TRACE
NOV	54.3	12.0	2.0	6.4	3.3	6.0	7.0	6.3	2.6	.2				33.7	1050	3.89	10.36	1.40
DEC	49.0	15.8	2.6	5.3	4.3	6.9	6.0	6.1	3.9	.2				35.2	1085	4.53	11.63	.45
ANNUAL	52.5	12.5	2.4	5.8	4.2	6.9	6.8	6.0	2.8	.2				35.0	13027	7.51		

USAFETAC FORM 0-15-5 OCT 78 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

723260 MCGHEE TYSON AIRPORT TN 48-83
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
48	.98	2.15	1.20	.88	1.10	.96	1.18	.47	.55	.95	3.99	1.97	3.99
49	2.08	.75	1.06	1.25	.76	1.39	1.49	1.00	.90	2.09	.46	1.27	2.09
50	2.92	1.44	1.32	.43	1.07	.90	1.18	.90	.70	.46	.87	1.20	2.92
51	1.31	1.86	2.20	1.51	.32	1.25	.99	.68	.83	1.12	1.54	1.77	2.20
52	1.15	.44	1.20	.33	1.03	.86	.83	1.86	.62	.25	2.27	1.65	2.27
53	.74	1.30	1.30	1.13	1.85	.70	1.02	.55	1.10	.33	.95	1.44	1.85
54	3.77	1.56	1.31	.75	1.18	1.15	2.05	.30	.46	.21	1.63	1.70	3.77
55	.45	1.82	.95	1.00	.83	1.22	1.37	.60	1.01	2.07	.74	1.12	2.07
56	.82	1.93	1.07	1.68	.79	1.07	1.00	.36	.76	.83	1.02	3.06	3.06
57	2.92	1.68	.76	2.32	1.40	1.90	.36	1.26	1.85	1.35	2.03	1.07	2.92
58	.80	.49	1.00	1.10	1.15	.72	1.04	.63	.72	.49	1.27	.96	1.27
59	1.43	1.20	1.67	1.29	.93	.77	.61	3.25	.65	1.07	2.60	1.26	3.25
60	.80	1.27	1.93	.56	.51	.95	1.04	.90	1.23	1.64	.72	1.78	1.93
61	.90	2.10	1.94	.71	1.44	1.24	.84	.92	.28	2.37	1.05	2.46	2.46
62	.97	2.46	.61	2.19	.80	1.70	4.33	.76	2.46	.98	1.18	1.01	4.33
63	.99	1.66	3.25	1.55	1.32	.67	1.58	1.05	.95	TRACE	1.62	.79	3.25
64	1.50	1.14	1.46	1.82	1.21	.51	1.37	2.93	.55	.61	.75	1.13	2.93
65	1.66	.78	2.45	1.64	.93	1.66	1.00	.72	.75	.50	1.39	.29	2.45
66	.90	1.40	1.16	.62	1.23	1.32	1.36	1.33	1.26	2.26	1.68	1.14	2.26
67	.87	1.27	2.92	.91	1.01	2.59	2.24	1.60	1.32	.52	2.26	1.99	2.92
68	1.17	.39	1.17	.77	.82	.75	.55	.51	1.42	1.12	.37	.93	1.42
69	1.51	1.55	1.21	.34	.50	1.82	1.04	3.02	1.90	.47	1.17	4.70	4.70
70	1.15	.59	1.11	2.03	.32	.81	.95	.95	.81	2.10	.36	2.41	2.41
71	1.62	1.08	.76	1.34	1.67	.61	2.18	1.19	1.21	.77	.67	1.23	2.18
72	1.10	.74	1.02	1.04	1.18	2.92	1.28	.75	1.38	1.75	.86	2.01	2.92
73	.86	.87	4.04	1.45	1.96	1.65	.76	1.28	1.17	1.85	2.28	1.50	4.04
74	1.20	1.70	1.36	2.24	3.36	1.34	1.26	.82	.70	1.68	1.50	1.34	3.36
75	1.24	.85	2.43	.95	.81	.47	.88	.70	1.23	1.10	1.58	1.08	2.43
76	1.04	1.33	1.15	.14	1.63	1.67	1.53	1.07	1.10	1.39	2.46	.92	2.46
77	.80	.73	2.05	3.13	.60	1.01	.34	1.43	2.52	1.67	1.21	1.05	3.13
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

72326C (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 48-83 (YEARS)

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	1.5?	.27	.86	1.15	1.35	2.71	1.67	.48	.42	.23	.85	2.22	2.71
79	2.02	.72	1.51	.98	2.32	1.34	1.48	.72	1.02	.69	1.75	.64	2.32
80	1.71	.56	2.65	1.45	1.64	.95	1.17	.90	.75	.75	.90	1.18	2.65
81	.42	.88	1.13	1.05	.58	1.68	.70	1.18	2.36	1.33	.67	.85	2.36
82	1.88	1.20	1.46	.93	2.24	1.15	1.89	.77	1.1?	1.28	1.60	1.19	2.24
83	.57	.82	.65	3.19	1.15	1.10	.92	3.00					
MEAN	1.326	1.194	1.537	1.274	1.194	1.264	1.258	1.131	1.087	1.092	1.379	1.492	2.728
S.D	.714	.552	.774	.711	.613	.591	.690	.765	.558	.659	.757	.795	.773
TOTAL OBS.	1116	1017	1116	1080	1116	1080	1116	1116	1050	1085	1050	1085	13027

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION
FROM DAILY OBSERVATIONS

723266 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 48-83 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	3.57	6.38	5.19	2.67	3.28	3.47	5.91	1.71	1.52	1.27	10.36	5.81	51.14
49	6.81	2.86	5.06	4.04	2.57	3.22	5.52	5.07	2.38	6.67	1.51	3.03	48.74
50	9.39	5.72	5.17	1.06	5.42	3.10	7.43	4.37	1.75	1.55	2.48	3.07	50.51
51	5.02	4.80	7.46	5.33	1.29	5.81	4.06	1.30	4.37	2.90	4.96	5.43	52.73
52	4.56	2.11	3.87	1.12	3.32	1.98	2.64	4.57	1.94	.63	5.27	3.99	36.00
53	4.12	6.22	4.22	4.23	4.50	3.02	3.74	.88	2.93	.68	1.65	3.36	39.55
54	11.74	3.14	4.67	2.24	3.55	2.32	3.34	.77	1.30	.64	3.40	5.97	43.08
55	1.63	5.62	5.38	3.70	3.51	3.65	3.97	1.93	2.48	3.20	3.30	2.73	41.10
56	3.18	8.29	4.58	5.07	3.27	2.69	4.54	1.45	1.66	2.59	1.98	8.06	47.36
57	9.58	7.86	2.26	4.56	3.53	5.86	.70	4.07	6.98	3.43	7.45	5.16	61.44
58	2.13	2.81	4.29	5.41	4.78	2.01	5.57	2.83	1.49	.68	3.06	2.19	37.25
59	4.09	4.06	4.12	4.17	3.53	2.78	2.97	4.91	.93	5.00	4.68	4.03	45.27
60	3.39	3.00	4.78	1.83	1.12	4.89	2.36	3.72	4.58	4.34	2.55	3.61	40.17
61	2.55	7.83	7.80	2.50	4.18	4.54	3.49	3.04	.50	3.41	3.04	11.63	54.51
62	6.22	7.96	4.13	3.84	1.88	5.75	7.82	2.08	5.13	2.20	4.60	3.67	54.58
63	4.20	3.54	9.92	3.63	4.51	3.32	4.92	3.64	2.37	TRACE	5.23	2.86	48.14
64	4.71	4.09	5.75	6.98	3.96	.97	3.70	5.75	1.10	2.10	2.80	4.02	45.93
65	3.94	3.25	9.31	4.16	3.13	4.84	3.49	2.18	2.48	1.08	2.50	.45	40.81
66	3.88	4.68	2.72	2.88	2.92	2.27	5.44	4.09	4.41	4.80	5.12	2.66	45.87
67	2.67	4.58	4.08	2.00	4.10	6.53	10.09	4.06	2.70	2.33	5.57	6.95	55.66
68	4.13	.74	4.78	4.12	3.01	3.97	2.57	1.29	2.53	3.40	2.00	3.22	35.76
69	4.11	5.54	2.89	2.41	1.33	7.58	3.51	6.72	3.03	1.56	2.56	7.74	48.98
70	3.04	2.86	3.18	7.20	.74	4.26	3.11	4.89	2.75	5.33	1.40	4.67	43.43
71	5.03	4.93	4.21	3.87	3.78	3.73	8.76	3.05	3.41	1.98	2.21	5.48	50.44
72	7.35	4.19	4.98	2.54	4.49	5.02	6.76	1.61	4.70	5.99	3.36	7.02	58.01
73	3.24	2.59	10.24	5.15	5.71	5.26	4.38	2.31	3.28	3.98	5.01	7.38	58.03
74	7.05	5.24	6.15	5.77	10.98	2.70	2.92	3.14	3.33	2.35	5.18	4.52	59.33
75	4.66	4.68	10.42	2.43	2.98	2.43	2.25	1.61	3.28	4.02	2.92	3.59	45.27
76	3.86	2.18	5.22	.39	5.53	3.46	3.75	1.98	2.87	5.33	3.45	4.42	42.44
77	2.55	1.52	6.08	6.96	1.16	6.49	1.08	5.78	6.91	4.09	5.06	3.30	50.93
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 78-83 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	5.22	1.01	4.42	4.10	3.44	5.27	5.06	2.44	1.26	.82	3.62	5.91	42.57
79	6.18	4.17	4.21	4.30	7.21	3.80	9.47	2.29	2.64	1.97	5.73	1.92	53.89
80	5.54	1.78	8.72	3.30	3.80	1.94	3.57	2.34	2.38	1.53	3.78	1.78	40.46
81	1.05	3.62	2.83	4.84	3.02	5.53	2.03	3.48	6.09	4.15	3.01	4.14	43.79
82	6.03	4.88	6.36	3.26	5.52	3.93	6.60	2.68	2.68	2.66	5.21	4.89	54.70
83	1.58	2.90	1.99	5.88	5.42	3.26	3.18	3.89					
MEAN	4.667	4.212	5.318	3.832	3.791	3.915	4.464	3.109	2.975	2.803	3.886	4.533	47.653
S D	2.305	1.950	2.203	1.660	1.899	1.514	2.228	1.500	1.592	1.703	1.032	2.167	6.923
TOTAL OBS	1116	1017	1116	1080	1116	1080	1116	1116	1050	1085	1050	1085	13027

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

723260 MCGHEE TYSON AIRPORT TN 48-83
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	1 01 2 50	2 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	77.5	14.4	2.8	2.1	1.0	1.3	.2	.4	.4					8.1	1116	4.4	15.1	.0
FEB	81.8	12.0	1.2	1.6	.7	1.5	.5	.6	.1		.1			6.2	1017	4.3	23.3	.0
MAR	87.9	8.2	1.4	1.1	.6	.4		.2	.2					3.9	1116	1.8	20.2	.0
APR	98.2	1.5			.1		.2							.3	1080	.3	7.0	.0
MAY	100.0														1116	.0	.0	.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														1050	.0	.0	.0
OCT	99.9	.1													1085	TRACE	TRACE	.0
NOV	91.2	7.7	.3	.4	.1			.2			.1			1.0	1050	.9	18.2	.0
DEC	84.1	12.5	.7	1.1	.6	.4	.3	.1	.2					3.3	1085	1.9	13.2	TRACE
ANNUAL	93.4	4.7	.5	.5	.3	.3	.1	.1	.1		.0			1.9	13027	13.6		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 48-83 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	3.5	2.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.5
49	2.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
50	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	5.5	1.1	5.5
51	TRACE	1.8	.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.8
52	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	16.0	TRACE	16.0
53	1.3	6.9	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.9
54	2.1	4.9	2.7	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.9
55	2.8	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.8
56	3.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.5	.4	3.0
57	TRACE	.0	3.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.6	3.1
58	.3	6.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	6.4
59	2.5	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	.6	3.7	3.7
60	8.5	17.5	8.7	TRACE	.0	.0	.0	.0	.0	.0	.0	1.5	17.5
61	2.5	2.5	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.4	2.5
62	9.4	TRACE	1.8	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	4.0	9.4
63	3.2	3.4	TRACE	.0	.0	.0	.0	.0	.0	.0	4.9	6.7	6.7
64	6.0	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.0
65	6.2	5.7	1.5	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.2
66	9.9	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	9.9
67	2.2	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
68	3.3	3.4	1.0	.0	.0	.0	.0	.0	.0	.0	.3	TRACE	3.4
69	.4	4.2	2.5	.0	.0	.0	.0	.0	.0	.0	TRACE	7.0	7.0
70	3.1	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.2	6.2
71	.9	4.4	1.7	3.5	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.4
72	.4	3.5	6.7	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.7
73	7.3	TRACE	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	1.5	7.3
74	TRACE	TRACE	1.8	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	1.8
75	1.2	TRACE	2.5	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.5
76	.2	2.8	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.2	2.8
77	4.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	4.6
MEAN													
S D													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AWS 0-08-3 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 78-83 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	4.6	2.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.6
79	2.7	5.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.7
80	.4	5.6	3.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.6
81	4.3	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	4.0
82	1.6	.1	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	2.5	2.5
83	1.0	3.4	.4	2.0	.0	.0	.0	.0					
MEAN	2.81	2.88	1.21	.15	.00	.00	.00	.00	.00	TRACE	.83	1.34	5.43
S D	2.735	3.336	1.904	.663	.000	.000	.000	.000	.000	.000	2.911	2.026	3.499
TOTAL OBS.	1116	1017	1116	1080	1116	1080	1116	1116	1050	1085	1050	1085	13027

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-3 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

~~EXTREME VALUES~~
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

~~723260~~ STATION ~~MCGHEE TYSON AIRPORT TN~~ STATION NAME ~~48-83~~ YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	9.1	2.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	11.9
49	2.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
50	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	5.5	2.4	7.9
51	TRACE	1.8	1.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.0
52	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	16.2	TRACE	18.2
53	2.0	8.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.1
54	2.1	4.9	2.7	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	9.7
55	3.4	2.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.2
56	7.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.6	.4	8.0
57	TRACE	.0	3.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.6	3.7
58	.3	10.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	14.9
59	2.5	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	.6	3.7	7.1
60	8.9	23.3	20.2	TRACE	.0	.0	.0	.0	.0	.0	.0	2.0	54.4
61	5.4	3.4	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	4.5	13.4
62	15.1	TRACE	1.9	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	6.9	23.9
63	4.2	7.2	TRACE	.0	.0	.0	.0	.0	.0	.0	5.9	13.2	30.5
64	8.5	5.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	13.7
65	6.3	6.9	4.4	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	17.6
66	14.2	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	17.8
67	2.2	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.9
68	5.9	4.7	1.9	.0	.0	.0	.0	.0	.0	.0	.3	TRACE	12.8
69	.5	7.7	5.2	.0	.0	.0	.0	.0	.0	.0	TRACE	8.9	22.3
70	12.9	4.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.3	23.8
71	1.3	6.4	3.6	7.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	18.3
72	.4	4.2	6.7	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	11.3
73	9.0	TRACE	1.9	TRACE	.0	.0	.0	.0	.0	.0	.0	2.0	12.9
74	TRACE	TRACE	1.8	.0	.0	.0	.0	.0	.0	.0	TRACE	1.6	3.4
75	1.3	TRACE	2.5	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.8
76	.3	2.8	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.1	6.2
77	7.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	8.8
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL
FROM DAILY OBSERVATIONS

72326C (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 48-83 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	11.3	5.5	1.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	18.6
79	4.7	18.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	23.1
80	.5	11.0	3.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	15.0
81	5.0	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	7.6
82	4.4	.1	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	3.0	8.6
83	1.1	3.4	.7	2.0	.0	.0	.0	.0					
MEAN	4.44	4.28	1.81	.25	.00	.00	.00	.00	.00	TRACE	.92	1.88	13.67
S.D.	4.376	5.201	3.589	1.204	.000	.000	.000	.000	.000	.000	3.292	3.020	9.920
TOTAL OBS.	1116	1017	1116	1080	1116	1080	1116	1116	1050	1085	1050	1085	13027

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AWS 64 0-88-6 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

723260 MCGHEE TYSON AIRPORT TN 52-87
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	79.6	9.9	5.8	1.8	1.4	.8	.7							10.5	961			
FEB	84.0	8.0	2.9	1.7	1.8	1.3	.2	.1						8.0	875			
MAR	94.2	3.5	.9	.5	.1	.7								2.3	961			
APR	99.9			.1										.1	930			
MAY	100.0														961			
JUN	100.0														930			
JUL	100.0														992			
AUG	100.0														992			
SEP	100.0														930			
OCT	100.0														961			
NOV	98.3	1.2	.1	.1	.1	.1	.1							.5	930			
DEC	92.2	4.6	1.1	1.0	.5	.5								3.2	961			
ANNUAL	95.7	2.3	.9	.4	.3	.3	.1	.0						2.0	11384			

USAFETAC FORM 0-15-5 OCT 75 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

723260 MCGHEE TYSON AIRPORT TN 52-83
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
52							0	0	0	0	10	0	
53	1	3	0	0	0	0	0	0	0	0	0	TRACE	3
54	TRACE	TRACE	6	0	0	0	0	0	0	0	0	TRACE	6
55	1	2	0	0	0	0	0	0	0	0	0	0	2
56	4	0	0	0	0	0	0	0	0	0	TRACE	TRACE	4
57	TRACE	0	TRACE	0	0	0	0	0	0	0	0	1	1
58	TRACE	3	TRACE	0	0	0	0	0	0	0	0	3	3
59	2	0	TRACE	0	0	0	0	0	0	0	TRACE	1	2
60	4	15	6	0	0	0	0	0	0	0	0	2	15
61	1	1	TRACE	0	0	0	0	0	0	0	0	2	2
62	9	0	1	0	0	0	0	0	0	0	0	2	9
63	3	3	0	0	0	0	0	0	0	0	1	6	6
64	9	2	TRACE	0	0	0	0	0	0	0	0	0	9
65	4	5	1	0	0	0	0	0	0	0	0	0	5
66	10	6	TRACE	0	0	0	0	0	0	0	TRACE	3	10
67	1	3	0	0	0	0	0	0	0	0	0	TRACE	3
68	2	2	2	0	0	0	0	0	0	0	TRACE	TRACE	2
69	TRACE	4	TRACE	0	0	0	0	0	0	0	TRACE	5	5
70	3	1	TRACE	0	0	0	0	0	0	0	0	TRACE	3
71	3	4	1	2	0	0	0	0	0	0	0	0	4
72	TRACE	TRACE	1	0	0	0	0	0	0	0	0	0	1
73	1	TRACE	0	0	0	0	0	0	0	0	0	1	1
74	0	0	TRACE	0	0	0	0	0	0	0	TRACE	1	1
75	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	0	0	TRACE
76	TRACE	3	0	0	0	0	0	0	0	0	TRACE	TRACE	3
77	3	0	0	0	0	0	0	0	0	0	TRACE	TRACE	3
78	4	1	1	0	0	0	0	0	0	0	0	0	4
79	3	6	TRACE	0	0	0	0	0	0	0	0	0	6
80	TRACE	4	4	0	0	0	0	0	0	0	0	0	4
81	TRACE	1	0	0	0	0	0	0	0	0	0	TRACE	1
MEAN													
S.D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-80-3 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 82-83 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
82	3	0	TRACE	0	0	0	0	0	0	0	0	2	3
83	TRACE	2	TRACE	0	0	0	0	0					
MEAN	2.5	2.3	.7	.1	.0	.0	.0	.0	.0	.0	.4	.9	4.2
S D	2.885	3.013	1.632	.359	.000	.000	.000	.000	.000	.000	1.799	1.548	3.234
TOTAL OBS	961	875	961	930	961	930	992	992	930	961	930	961	11384

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (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.

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

723262 STATION MCGHEE TYSON AIRPORT TN STATION NAME 72-83 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
72									11/	2622/	2822*	2333*	
73	22*	2211*	2522*	1722*	2422*	1611*	2422*	3622*	3111*	1711*	1822*	1711*	23. 22* 36
74	22*	1611*	2122*	1811*	2111*	3211*	2122*	2622*	1322*	1711/	1722*	2222*	11 11* 32
75	11*	2111*	3833*	4211*	1922*	1922*	4211*	1633*	2222*	3311/	2322*	1211*	18. 33* 42
76	11*	1911*	2122*	1811*	2611*	2711*	2211/	6011/	2122*	2111*	1922*	1622*	15 11/ 6
77	11*	1722*	1611*	2133*	2022*	2111*	2722*	1722*	2622/	2011*	2411*	1733*	33* 33
78	22*	1911*	1811*	2411*	2522*	3033*	2122/	2622*	2422*	1722*	2222*	1611*	14 22* 33
79	22*	1322*	2322*	2022*	1422*	1822*	3611*	2411*	2022*	2011*	2022*	2011*	26. 22* 36
80	22*	2022*	2211*	2322*	1622*	1822*	2311*	3111/	2722*	1422*	1711*	2111*	27 11* 31
81	22*	2311*	1811*	3033*	2322*	2622*	2622/	3222*	1622*	1722*	2022*	1611*	16. 22/ 32
82	11*	2011*	2122*	2011*	2311*	1811*	1622*	1811*	2222*	2122*	2211*	1922*	22 11* 2
83	22*	1933*	2322*	3122*	1611*	2022*	2011*	3611*	38.				
MEAN							39.3	24.0	23.0	22.7			
S D													
TOTAL OBS	215	206	196	189	245	220	279	271	267	281	216	213	2788

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

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

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

SURFACE WINDS

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

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.):

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	5.4	4.4	.2	.1							1.[illegible]	[illegible]
NNE	.4	4.1	2.5	.1								[illegible]	[illegible]
NE	1.1	5.4	4.2	.3								1.2	[illegible]
ENE	.4	2.9	1.2	.1								[illegible]	[illegible]
E	.2	1.2	.2									[illegible]	[illegible]
ESE	.2	1.1	.4	.1								1.[illegible]	[illegible]
SE	.2	.1										.4	[illegible]
SSE	.4	.2										[illegible]	[illegible]
S	.6	.2	.2	.3								[illegible].3	[illegible]
SSW	.5	2.7	.6	.4								[illegible]	[illegible]
SW	.3	2.2	3.5	2.[illegible]								[illegible]	[illegible].4
WSW	.2	4.5	7.1	1.7	.1	.2						.9	7.[illegible]
W	.4	3.1	6.[illegible]	2.3	.4	.1						12.4	[illegible].6
WNW	.2	.5	1.7	1.[illegible]	.1							[illegible]	[illegible]
NW	.4	1.5	.6	.3								[illegible]	[illegible]
NNW	.4	[illegible]	.4	.1								1.[illegible]	[illegible].7
VARBL													
CALM												17.[illegible]	
	8.1	38.5	29.5	[illegible].[illegible]	.8	.3						[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

SURFACE WINDS

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

~~7 SAC~~ STATION ~~MCGHEE TYSON AIRPORT TN~~ STATION NAME ~~74-87~~ YEARS ~~JAN~~ MONTH

ALL WEATHER CLASS ~~7 1-0700~~ HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	4.9	3.2	.6								10.2	5.0
NNE	.3	4.7	3.9	.2								9.1	5.5
NE	.9	6.6	3.8	.4								11.7	5.2
ENE	.4	3.3	1.5	.1								5.4	4.9
E	.2	1.4	.1	.1								1.8	4.3
ESE	.1	.5	.1									1.0	4.3
SE	.1	1.3	.2									1.6	4.4
SSE	.3	.4	.1									.8	4.6
S	.3	1.1	.3	.2	.1	.1						2.2	7.4
SSW	.5	2.3	1.0	.5	.1							4.4	6.6
SW	.5	2.7	3.5	1.5	.3							8.8	6.1
WSW	.7	3.3	2.5	1.1	.2	.1						7.4	6.1
W	.2	2.7	3.9	2.8	.3	.2						10.1	6.1
WNW	.3	1.5	2.2	1.1	.2							5.3	6.3
NW	.4	1.2	.9	.3								2.8	6.6
NNW	.4	1.4	.4	.2								2.3	5.8
VARBL													
CALM												14.3	
	8.2	39.4	27.2	9.1	1.3	.4						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1376

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

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

SURFACE WINDS

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

[illegible] MCGHEE TYSON AIRPORT TN [illegible] JAN
STATION STATION NAME YEARS 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	.2	5.4	3.1	.3								[illegible]	[illegible]
NNE	.4	4.2	2.0	.4								[illegible]	[illegible]
NE	1.2	8.1	1.3	.3								12.[illegible]	[illegible]
ENE	.5	4.3	1.2	.3								[illegible]	[illegible]
E	1.0	1.7	.4									[illegible]	[illegible]
ESE	.5	.5	.2									[illegible]	[illegible]
SE	.2	.2	.2									[illegible]	[illegible]
SSE	.1	.8										[illegible]	[illegible]
S	.3	.4		.1	.3							1.2	[illegible]
SSW	.2	.9	.4	.3								1.[illegible]	[illegible]
SW	.6	3.2	3.7	2.2	.4							1.[illegible]	[illegible]
WSW	.4	3.5	4.1	1.6	.1		.1					[illegible]	[illegible]
W	.2	3.3	4.3	1.9	.8	.2	.1					[illegible]	[illegible]
WNW	.2	.5	1.6	1.4								[illegible]	[illegible]
NW	.1	1.3	1.4	.5								[illegible]	[illegible]
NNW	.2	1.5	.9	.3								[illegible]	[illegible]
VARBL													
CALM												13.2	
	7.2	47.4	27.4	9.7	1.6	.2	.2					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 /OL-A1 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)

STATION: MCGHEE TYSON AIRPORT TN STATION NAME YEARS: 74-5 HOURS (L.S.T.)

CLASS: ALL WEATHER

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.1	2.6	.6								6.7	6.4
NNE	.5	3.6	1.8	.8								6.7	6.7
NE	1.1	7.0	5.4	1.0								14.4	6.4
ENE	.3	4.4	2.3	.8								7.7	6.3
E	.5	1.3	.2	.1								2.1	5.1
ESE	.3	.6										1.0	5.4
SE		.4	.1									.5	6.0
SSE	.2	.3	.1									.6	5.3
S	.1	1.2	.3	.3	.4							2.4	6.6
SSW	.2	1.5	1.1	.6								3.5	7.8
SW	.3	2.5	1.8	3.2	.5	.4						8.6	10.4
WSW	1.0	2.5	3.9	3.1	1.1	.2						11.7	9.8
W	.5	2.9	4.1	2.0	.5	.2	.1					10.4	8.2
WNW	.2	1.6	.8	1.4	.1							4.1	6.6
NW	.5	1.7	1.6	.3								4.2	6.4
NNW	.5	1.0	.5	.4								2.3	6.3
VARBL													
CALM												1.0	
	6.9	35.9	26.5	14.5	2.7	.8	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 972

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

[illegible]-AL CLIMATOLOGY BRANCH
[illegible]AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] MCGHEE TYSON AIRPORT TN TN-03 16
STATION STATION NAME YEARS MONTH

ALL WEATHER 1000-1400
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	.5	3.2	2.2	.2								6.1	4.4
NNE	.7	2.2	1.9	.6								5.1	7.1
NE	.4	4.2	4.1	.8								9.4	7.1
ENE	.8	1.7	1.2	.3								4.1	6.1
E	.4	1.0	.5									1.9	5.1
ESE	.5	1.1										1.6	4.1
SE	.1	.4										.5	4.4
SSE	.2	.3	.1									.6	4.1
S	.5	1.6	.2	.2	.8							3.4	6.3
SSW	.4	1.3	.8	.8	.3							3.5	6.4
SW	.9	2.0	2.5	1.0	1.8	.2						10.4	10.9
WSW	.4	2.9	4.9	3.8	1.6	.5						14.2	10.5
W	.3	3.5	4.7	3.9	1.0	.2						13.9	9.5
WNW	.0	1.7	2.2	1.7	.1							6.5	8.5
NW	1.1	1.6	1.4	.4								4.4	6.1
NNW	.5	1.8	1.4	.1								3.2	5.9
VARBL													
CALM												8.9	
	8.3	32.3	28.1	15.8	5.6	1.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 632

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 — MCGHEE TYSON AIRPORT TN — STATION NAME — 74-63 — YEARS — ANN — MONTH

ALL WEATHER — CLASS — 1...7... — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.9	2.2	.6								7.3	6.4
NNE	.3	2.2	1.6	.4								4.7	6.4
NE	.6	4.0	3.4	.6								8.7	6.4
ENE	.7	3.2	1.2	.3								5.4	6.1
E	.2	1.1	.3									1.6	6.2
ESE		1.1			.1							.2	6.6
SE	.2	.4	.2									.8	4.5
SSE	.2	.3										.5	4.0
S	.1	1.3	.6	.8	.3							2.9	8.1
SSW	.2	.6	1.5	1.0	.1	.1						3.6	8.8
SW	.3	3.3	5.2	2.7	1.1	.1						12.7	8.4
WSW	.5	2.4	4.8	5.3	1.3	.1						14.4	10.0
W	.4	3.0	5.5	3.3	1.0	.1						14.1	8.3
WNW	.6	2.4	2.2	2.6	.1							7.9	6.6
NW	.5	2.5	1.6	.6								5.3	6.8
NNW	.3	1.7	.5	.2								2.8	5.9
VARBL													
CALM												6.3	
	5.7	33.0	30.8	18.5	4.0	.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS ...31...

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

SURFACE WINDS

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

13736 MCGHEE TYSON AIRPORT TN 74-83 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER 1312-2100
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	.6	5.2	3.9	.4								10.1	5.4
NNE	.6	3.1	2.6	.1								6.5	6.1
NE	.4	4.6	2.8	.5								8.4	6.3
ENE	.3	3.2	1.2	.3								5.1	5.2
E	1.0	1.4										2.4	4.1
ESE	.4	.4	.2									1.1	4.5
SE	.3	.5	.1		.1							1.1	5.8
SSE		.4										.4	5.3
S	.3	2.0	.5	.5								3.4	6.8
SSW	.3	2.9	1.2	.1		.1						4.5	6.3
SW	.6	4.0	3.3	1.8	.5	.1						10.4	8.2
WSW	.6	4.8	3.7	1.4	.6							11.3	7.7
W	.3	3.4	6.7	3.4	.2	.1						14.2	9.3
WNW		2.6	2.2	1.6	.1							6.5	8.2
NW	.2	1.7	1.3	.2								3.4	6.6
NNW	.2	1.7	.8									2.7	5.5
VARBL													
CALM												8.5	
	6.5	42.2	30.3	10.5	1.7	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 933

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] (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) [illegible] (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	1.3	3.3	2.6	.6								[illegible]	[illegible]
NNE	.4	5.3	2.7	.4								[illegible]	[illegible]
NE	.9	6.3	3.9	.2								[illegible]	[illegible]
ENE	.9	3.8	.9									[illegible]	[illegible]
E	.5	.6	.1	.1								[illegible]	[illegible]
ESE	.4	.4	.1									[illegible]	[illegible]
SE	.4	.8	.1									[illegible]	[illegible]
SSE	.2	.2	.2	.1	.1							[illegible]	[illegible]
S	.2	1.0	.4	.3								[illegible]	[illegible]
SSW	.5	2.3	1.0	.2								[illegible]	[illegible]
SW	.2	4.1	2.5	.9	.1							[illegible]	[illegible]
WSW	.5	3.8	4.1	1.6	.4	.3	.1					[illegible]	[illegible]
W	.5	4.1	4.3	2.4	.8							[illegible]	[illegible]
WNW	.1	1.8	1.6	1.4	.2							[illegible]	[illegible]
NW	.1	.9	1.5	.4								[illegible]	[illegible]
NNW	.1	1.3	.9	.2								[illegible]	[illegible]
VARBL													
CALM												13.2	
	7.4	39.9	28.5	8.8	1.6	.3	.1					100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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)

13726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-82 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	4.4	3.0	.5	.1							8.7	6.3
NNE	.2	3.8	2.8	.3								7.1	6.4
NE	.2	5.8	3.9	.5								10.4	6.2
ENE	.3	3.5	1.3	.3								5.6	5.7
E	.3	1.7	.2	.0								2.1	4.3
ESE	.3	.7	.1	.0	.0							1.2	4.7
SE	.2	.6	.1		.0							1.0	4.9
SSE	.2	.3	.1	.0	.0							.7	5.1
S	.2	1.2	.4	.3	.2	.0						2.3	7.6
SSW	.4	1.9	1.0	.5	.1	.0						3.7	7.1
SW	.6	3.0	3.3	2.2	.6	.1						9.7	8.9
WSW	.5	3.5	3.9	2.9	.7	.2	.0					11.2	9.3
W	.4	3.4	5.1	2.7	.6	.1	.0					12.5	9.1
WNW	.3	1.6	1.8	1.5	.1							5.4	8.6
NW	.4	1.6	1.3	.4								3.7	6.7
NNW	.2	1.4	.7	.2								2.7	6.3
VARBL													
CALM												11.2	
	7.2	37.8	28.8	12.0	2.4	.5	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7880

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A. WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) [illegible]-[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	.5	4.7	4.4	.7								10.3	[illegible]
NNE	.6	5.7	2.7	.5	.1							9.9	[illegible]
NE	1.2	5.6	5.0	.7								12.4	6.5
ENE	.6	2.4	.9	.2								4.1	[illegible]
E	.6	1.5	.2									2.4	4.6
ESE	.4	.5	.1									.9	4.4
SE	.4	.8	.1									1.3	4.5
SSE		.2	.1									.4	6.0
S	.4	.8	.1	.6	.4							2.2	[illegible]
SSW	.7	1.5	.5	.5	.1							3.3	[illegible]
SW	.4	2.8	2.1	1.9	.8							8.0	[illegible]
WSW	.5	3.3	3.0	2.6	.4							10.0	8.7
W	.4	2.9	3.5	1.5	.1							7.4	6.1
WNW	.2	1.9	1.7	.9								4.3	7.9
NW	.2	2.2	1.1	.8								3.9	6.6
NNW	.4	2.0	.7	.1								3.2	5.7
VARBL													
CALM												15.9	
	7.2	38.9	25.6	1.6	1.0							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS [illegible]

3554

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-82 (YEARS) [illegible] (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	.7	4.1	3.6	.9								9.4	6.3
NNE	.3	5.9	7.2	.4	.1							13.9	7.4
NE	.4	7.6	5.7	.8								13.5	6.6
ENE	.2	3.3	.7	.6								4.8	5.7
E	.5	1.4			.1							2.0	4.8
ESE		.2	.1									.4	4.3
SE	.4	.4		.2								.9	4.6
SSE	.5	.5		.1								1.1	4.1
S	.5	1.1	.4	.2								2.1	4.3
SSW	.1	.4	.5	.2								1.2	4.7
SW	.1	2.9	1.4	2.3	.8	.1						6.7	7.4
WSW	.1	2.5	2.7	1.4	.4							7.1	6.4
W	.2	2.8	4.6	1.2								8.9	7.3
WNW	.5	2.1	1.7	.9	.1							5.3	7.5
NW	.1	2.1	1.3	.1								3.6	6.2
NNW	.2	1.5	.4	.2								2.4	5.9
VARBL													
CALM												17.3	
	6.2	38.7	26.2	7.7	1.5	.1						[illegible]	5.5

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] MCGHEE TYSON AIRPORT TN | 74-82 | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]
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	1.2	1.1	2.8	.7								[illegible]	[illegible]
NNE	1.2	4.3	3.5	.1								[illegible]	[illegible]
NE	.9	7.8	5.2	.6	.1							14.7	6.4
ENE	.6	4.5	.9	.4								6.4	5.6
E	.7	1.1	.1									1.9	4.7
ESE	.4	.4	.1									.9	3.4
SE	.1	.6	.1									.8	4.5
SSE	.2	.4	.4	.2								1.2	4.5
S	.6	.5	.4	.8								1.3	4.3
SSW	.1	.8	.7	.5	.1							2.2	7.7
SW	.3	1.9	1.4	1.3	.5							5.4	8.4
WSW	.2	2.6	3.4	.6	.8	.1						7.6	9.1
W	.4	2.4	5.1	.9	.1							8.9	8.1
WNW		1.3	1.2	.6	.5							3.5	5.4
NW	.7	2.4	1.8	.1								5.1	5.8
NNW	.9	1.4	.6									2.8	5.1
VARBL													
CALM												17.3	
	9.1	37.2	27.8	6.4	2.1	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

SURFACE WINDS

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

[illegible] MEMPHIS INTERNATIONAL AIRPORT TN 70-87 FEB
STATION STATION NAME YEARS 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	.4	3.4	3.5	.2								[illegible]	[illegible]
NNE	.5	3.6	3.4	1.7								[illegible]	[illegible]
NE	1.1	5.4	7.2	1.8								[illegible]	[illegible]
ENE	.3	5.1	3.[illegible]	.7								[illegible]	[illegible]
E	.5	1.2	.1	.2								[illegible]	[illegible]
ESE	.5	.7										1.2	[illegible]
SE	.2	.4		.1								1.[illegible]	[illegible]
SSE		.4	.4	.1								[illegible]	[illegible]
S	.4	.5	.4	.2	.2							[illegible]	[illegible]
SSW		1.3	1.1	.6								[illegible]	[illegible]
SW	.4	1.2	1.0	2.1	1.2							[illegible]	[illegible]
WSW	.4	1.[illegible]	3.3	2.4	.5	.1	.1					[illegible]	[illegible]
W	.[illegible]	2.2	3.7	2.2	.7							[illegible]	[illegible]
WNW	.4	.9	2.1	.7								[illegible]	[illegible]
NW	.[illegible]	1.4	1.1	.[illegible]								[illegible]	[illegible]
NNW	.4	1.3	.[illegible]	.6								3.2	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] CLIMATOLOGY [illegible]
[illegible]
[illegible] [illegible] VIC [illegible]

SURFACE WINDS

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

[illegible] STATION — MICHEL TYSON AIRPORT TN STATION NAME — [illegible] YEARS — [illegible] 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	.6	3.2	2.7	.8								[illegible]	[illegible]
NNE	.3	2.2	4.1	.6								[illegible]	[illegible]
NE	.4	4.4	3.7	.7								[illegible]	[illegible]
ENE	.4	2.2	2.2	.7								[illegible]	[illegible]
E	.3	2.	.5									[illegible]	[illegible]
ESE	.1	.4	.1									[illegible]	[illegible]
SE	.2	.1										[illegible]	[illegible]
SSE	.1	.4	.2	.1	.1							1.0	[illegible]
S	.7	.9	.2	.5	.2							[illegible]	[illegible]
SSW	.2	1.1	1.1	1.1	.1	.1						[illegible]	[illegible]
SW	.7	1.5	2.2	4.4	1.7	.7						11.4	11.4
WSW	.7	2.8	7.5	5.6	2.2	.5						[illegible]	[illegible]
W	.2	2.8	3.7	1.5	.5	.1						[illegible]	5.4
WNW	.1	1.2	3.4	.5								[illegible]	7.5
NW	.2	2.4	.7	.4								[illegible]	[illegible]
NNW	.4	.2	.9	.4								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	6.7	39.4	36.6	19.5	4.8	1.4						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

SURFACE WINDS

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

[illegible] STATION | MCGUIRE TYDEN AIRPORT IN STATION NAME | [illegible]-63 YEARS | [illegible] 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	.7	2.3	2.4	.2								[illegible]	[illegible]
NNE	1.1	2.1	2.5	.6								[illegible]	[illegible]
NE	.5	1.[illegible]	1.5	1.5	.1							[illegible]	[illegible]
ENE	.5	2.[illegible]	2.1	.5								[illegible]	[illegible]
E	.4	2.[illegible]	.7	.1								[illegible]	[illegible]
ESE	.[illegible]	.5										[illegible]	[illegible]
SE	.1	.[illegible]	.[illegible]		.1							[illegible]	[illegible]
SSE	.2	.5	.1	.2								[illegible]	[illegible]
S	.1	1.4	.5	.4	.4							2.[illegible]	[illegible]
SSW		.4	1.2	1.1	.9							[illegible]	[illegible]
SW	.6	2.[illegible]	2.5	3.4	2.[illegible]	.2						[illegible]	[illegible]
WSW	.2	3.2	3.4	5.1	2.1	.1						[illegible]	[illegible]
W	.2	3.3	3.9	5.[illegible]	1.3	.1						[illegible]	[illegible]
WNW	.1	1.8	2.6	1.5	.2	.2						[illegible]	[illegible]
NW	.[illegible]	2.5	1.5	.8								5.[illegible]	[illegible]
NNW	.2	1.2	.5	.5								2.[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	3.[illegible]	27.4	[illegible]	7.6	.7						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]44

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

[illegible] CLIMATOLOGY BRANCH
[illegible]

SURFACE WINDS

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

[illegible] [illegible] SEATTLE TACOMA AIRPORT WA — 7[illegible] — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER
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	.3	3.5	4.6	.5								[illegible]	[illegible]
NNE	.2	2.[illegible]	2.2	1.2								[illegible]	[illegible]
NE	.2	5.7	7.0	.6								[illegible]	[illegible]
ENE	.2	4.3	1.9	.4								[illegible]	[illegible]
E	.3	2.4	.4									[illegible]	[illegible]
ESE	.1	1.2										[illegible]	[illegible]
SE	.1	.4	.1	.2	.4							[illegible]	[illegible]
SSE	.2	.4	.1		.1							[illegible]	[illegible]
S	.4	1.9	.2	.5								[illegible]	[illegible]
SSW	.4	2.7	1.2	.4								[illegible]	[illegible]
SW	.3	4.5	2.6	2.1	.1							[illegible]	[illegible]
WSW	.1	3.[illegible]	3.8	2.6	.2	.1						[illegible]	[illegible]
W	.4	3.1	3.7	3.8	.5	.1						[illegible]	[illegible]
WNW	.2	1.2	1.8	1.3	.2							[illegible]	[illegible]
NW	.4	1.5	1.8	.6								[illegible]	[illegible]
NNW	.1	1.2	.9	.1								[illegible]	[illegible]
VARBL													
CALM												.9	
	4.2	49.5	38.3	14.3	2.2	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

SURFACE WINDS

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

[illegible] | PECURE TYSON AIRPORT TN | 74-[illegible] | FEB
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

CONDITION

[illegible]
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.9	3.9	.5								.9	6.7
NNE	.2	4.4	4.1	.5								.3	[illegible]
NE	.7	5.1	7.9	1.2	.2							15.[illegible]	[illegible]
ENE	.5	4.7	1.2	.5								[illegible]	[illegible]
E	.2	1.2	.1									1.[illegible]	4.3
ESE	.2	.5	.1	.1								[illegible]	[illegible]
SE	.2	.5	.1		.1							.[illegible]	6.7
SSE		.2		.1	.1	.1						.[illegible]	1.[illegible]
S	.2	1.2	.7	.4								2.[illegible]	7.[illegible]
SSW	.1	.2	.9	.7	.1							2.[illegible]	[illegible]
SW	.7	4.6	3.7	1.8		.1						[illegible]	7.5
WSW	.7	4.1	3.3	1.9	.2							10.[illegible]	7.[illegible]
W	.5	3.5	3.2	2.6	.4							[illegible]	[illegible]
WNW	.2	1.3	1.4	.8								3.[illegible]	7.9
NW	.2	2.2	1.8	.5								4.[illegible]	[illegible]
NNW	.5	.7	1.1									[illegible]	[illegible]
VARBL													
CALM												11.[illegible]	
	7.[illegible]	39.1	29.4	11.2	1.2	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	MCGHEE TYSON AIRPORT TN	7[illegible]-62	[illegible]

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): ALL

SPEED (KNTS) DIR.	1 - 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	3.9	3.4	.6								8.5	6.0
NNE	.6	3.9	3.2	.8	.5							8.5	6.3
NE	.7	5.6	4.5	1.[illegible]	.1							11.9	[illegible]
ENE	.7	3.6	1.6	.5								[illegible].4	6.[illegible]
E	.5	1.6	.2	.5	.2							2.[illegible]	[illegible].3
ESE	.7	.6	.1	.2								1.[illegible]	[illegible].5
SE	.7	.5	.1	.1	.1							1.[illegible]	[illegible].3
SSE	.1	.4	.2	.1	.2	.2						.9	7.[illegible]
S	.4	1.2	.4	.4	.1							[illegible].3	7.3
SSW	.2	1.1	.2	.6	.2	.1						3.[illegible]	8.2
SW	.6	2.6	2.2	2.5	.9	.1						8.9	9.7
WSW	.4	3.[illegible]	3.3	2.8	.9	.1	.1					10.5	9.6
W	.4	2.8	3.9	2.6	.6	.2						10.[illegible]	9.1
WNW	.2	1.4	2.[illegible]	.9	.1	.2						4.7	[illegible].5
NW	.4	2.1	1.4	.4								4.3	[illegible].5
NNW	.4	1.4	.8	.2								2.7	6.1
VARBL													
CALM												12.0	
	6.8	35.6	28.[illegible]	13.5	3.0	.4	.2					[illegible].0	[illegible].7

TOTAL NUMBER OF OBSERVATIONS 6763

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

SURFACE WINDS

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

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-8[illegible] YEARS | MAR 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	.5	3.6	2.5	.7								[illegible]	[illegible]
NNE	.1	3.2	2.8	.8								[illegible]	7.[illegible]
NE	1.2	5.7	3.0	.6								[illegible]	[illegible]
ENE	.[illegible]	4.2	1.4	.5								[illegible]	[illegible]
E	.[illegible]	1.1	.7	.2								[illegible]	[illegible]
ESE	.7	.5										[illegible]	[illegible]
SE	.4	.3	.4	.1								[illegible]	[illegible]
SSE	.1	.[illegible]	.3	.1		.[illegible]						[illegible]	[illegible]
S	.3	1.2	.5	.9	.3							[illegible]	[illegible]
SSW	.4	2.	1.2	.6	.3							[illegible]	7.[illegible]
SW	.2	4.4	3.9	1.6	.2							[illegible]	[illegible]
WSW	1.1	[illegible].3	3.5	1.[illegible]								11.4	7.[illegible]
W	.8	3.[illegible]	3.4	.9	.1							[illegible]	[illegible]
WNW	.2	.2	2.2	.2								[illegible]	7.[illegible]
NW	.2	1.7	.8	.3								[illegible]	[illegible]
NNW	.2	1.5	.5	.2								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	7.1	[illegible].2	[illegible].0	8.9	.9	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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)

7[illegible] (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 7[illegible]-82 (YEARS) [illegible] (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	1.2	4.5	2.9	.5								9.1	[illegible]
NNE	.2	3.3	2.3	.6								[illegible]	[illegible]
NE	1.6	7.3	3.1	1.2								13.4	[illegible]
ENE	1.[illegible]	3.4	1.[illegible]									5.4	[illegible]
E	.3	1.2	.5	.2								2.7	[illegible]
ESE	.1	.4	.2									.7	[illegible]
SE	.4	.6	.3	.1								1.4	[illegible]
SSE		.2	.3									.5	[illegible]
S	.5	1.3	.6	.5								2.9	[illegible]
SSW	.1	2.[illegible]	.5	.5	.3							3.5	[illegible]
SW	.5	2.[illegible]	2.[illegible]	3.[illegible]	.6	.2						9.5	[illegible]
WSW	.6	4.4	3.4	1.4	.1							10.[illegible]	[illegible]
W	.4	2.3	4.[illegible]	1.3	.2							[illegible]	[illegible]
WNW	.5	1.3	.4	.3	.2							2.[illegible]	[illegible]
NW	.3	2.4	.6	.3								3.[illegible]	[illegible]
NNW	.5	1.4	.5									2.[illegible]	[illegible]
VARBL													
CALM												17.[illegible]	
	[illegible]	37.8	24.[illegible]	[illegible]	1.5	[illegible]						100.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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)

72326 (STATION) MCGHEE T[illegible]N AIRPORT TN (STATION NAME) 74-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

[illegible]-[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	1.2	4.8	3.6	.3								9.7	[illegible]
NNE	.9	4.4	2.2	.4								7.8	[illegible]
NE	1.6	7.0	4.2	1.6								14.4	6.6
ENE	.4	4.2	1.4	.2								6.2	5.6
E	.2	1.2	.1									1.6	4.2
ESE	.4	.6	.1									1.2	4.1
SE	.3	.5	.2	.1								1.4	[illegible]
SSE		.2	.4	.2								1.2	[illegible]
S		.4	.3	.9								1.6	10.2
SSW	.2	1.1	.5	1.1	.3							3.2	9.4
SW	.4	1.7	2.3	1.8	.8	.3						7.3	10.1
WSW	.4	3.1	4.3	1.2	.2							9.3	7.8
W	.1	2.4	4.2	1.2	.2	.2						8.3	8.7
WNW	.6	1.5	.2	.5	.2							3.1	7.2
NW	.5	1.8	1.2	.2	.1							3.9	8.4
NNW	.3	1.9	.3									2.5	4.7
VARBL													
CALM												17.1	
	7.8	37.5	25.5	9.8	1.8	.5						[illegible]	5.9

TOTAL NUMBER OF OBSERVATIONS 529

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

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

SURFACE WINDS

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

[illegible] MCGHEE TYSON AIRPORT TN [illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
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	.6	2.4	2.6	1.0								[illegible]	[illegible]
NNE	.2	2.0	4.1	.5								[illegible]	[illegible]
NE	.7	5.2	[illegible]	2.6								1.4	[illegible]
ENE	.2	4.4	1.7	.5								[illegible]	[illegible]
E	.6	2.3	.3									[illegible]	[illegible]
ESE	.2	.7	.3	.1								[illegible]	[illegible]
SE	.2	.6	.1									[illegible]	[illegible]
SSE	.5	.1	.3	.5								[illegible]	[illegible]
S	.4	.6	.9	.6	.1							[illegible]	[illegible]
SSW	.1	.2	1.4	.8	.1							[illegible]	[illegible]
SW	.7	1.3	3.7	3.8	1.3		.4					[illegible]	[illegible]
WSW	.3	2.7	3.7	4.0	1.0	.1						11.7	[illegible]
W	.6	1.9	2.7	2.3	.4							[illegible]	[illegible]
WNW	.4	.6	1.5	1.1	.3							[illegible]	[illegible]
NW	.6	1.3	1.1	.2								[illegible]	[illegible]
NNW	.3	1.9	1.4	.2								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] STATION | MCGUIRE TYSON AIRPORT NJ STATION NAME | 74-82 YEARS | [redacted] MONTH

ALL WEATHERS CLASS | [redacted] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.9	1.9	.6								[redacted]	[redacted]
NNE	.1	2.0	2.9	1.7								[redacted]	[redacted]
NE	.2	3.4	3.7	1.2	.2							[redacted]	[redacted]
ENE	.2	1.7	1.6	.3	.2							[redacted]	[redacted]
E	.2	1.5	.6	.1								[redacted]	[redacted]
ESE	.2	.7	.2	.1								.9	[redacted]
SE	.1	1.0	.2	.2	.1							1.7	[redacted]
SSE	.1	.6		.4	.2							1.3	[redacted]
S	.8	1.0	.5	.9	.4							3.5	[redacted]
SSW		1.3	1.8	1.8	.3							[redacted]	[redacted]
SW	.2	1.1	3.2	6.8	2.3	.3						[redacted]	[redacted]
WSW	.1	2.3	3.2	5.5	1.5	.3						[redacted]	[redacted]
W	.3	2.8	4.7	3.7	.6	.3						[redacted]	[redacted]
WNW	.3	1.5	1.7	1.9	.5	.1						[redacted]	[redacted]
NW	.9	2.3	1.2	.8								[redacted]	[redacted]
NNW	.1	1.5	1.3	.5								[redacted]	[redacted]
VARBL													
CALM												5.9	
	[redacted]	26.9	[redacted]	[redacted]	[redacted]	[redacted]						[redacted]	[redacted]

TOTAL NUMBER OF OBSERVATIONS [redacted]

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)

KMCI — STATION — MCGHEE TYSON AIRPORT TN — STATION NAME — 74-83 — YEARS — NA — MONTH

ALL WEATHER — CLASS — 1200-17 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.3	3.7	.5								.7	7.4
NNE	.1	2.2	1.3	.4								.4	7.1
NE	.5	2.8	3.3	.8								7.4	7.1
ENE	.1	1.2	1.4	.2	.5							3.4	10.4
E	.2	.8	.2	.1								1.3	5.1
ESE	.1	.3	.3									.7	6.7
SE	.1	.4	.4	.4								1.4	7.8
SSE	.3	.4	.2	.3	.1							1.4	8.0
S	.3	.8	1.4	1.8	.2							4.5	9.5
SSW	.7	1.2	1.8	1.6	.5							5.5	9.9
SW	.3	1.5	2.8	4.9	1.6	.2	.1					12.4	11.6
WSW	.6	1.9	5.4	6.3	1.6	.1						16.1	11.4
W	.5	3.8	5.3	4.3	.5	.2						14.6	9.7
WNW	.1	1.5	2.2	2.2	.5	.1						6.6	10.2
NW	.3	1.9	1.8	1.5	.1							5.7	8.1
NNW	.2	1.9	1.3	.3								3.8	6.7
VARBL													
CALM												4.0	
	4.4	34.8	33.8	25.8	5.8	.6	.1					126.3	8.8

TOTAL NUMBER OF OBSERVATIONS 63

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

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

SURFACE WINDS

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

...STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-8... YEARS | ... MONTH

ALL WEATHER 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	.6	3.2	1.7	.5								...	...
NNE	.3	1.4	3.2	.3								...	...
NE	.3	4.5	2.7	.5								...	...
ENE	.3	2.3	1.1	.5								...	...
E	.2	1.3	.3									...	...
ESE		1.0	.2									1.2	...
SE	.2	.3	.4	.2								1.2	...
SSE	.2	.9	.1	.3	.1							1.6	...
S	.2	2.5	2.2	.6								...	...
SSW	.8	2.9	7.1	.8								...	...
SW	.3	3.3	4.1	2.5	.2							...	...
WSW	.4	2.4	6.6	2.5	.1	.1						11..	8.6
W	.6	3.3	6.2	2.3								12.3	...
WNW	.4	1.7	3.1	1.5	.2							6.9	...
NW	.3	2.5	2.4	.6								5.2	6.2
NNW	.2	1.4	.5	.5								2.7	7.2
VARBL													
CALM												...	
	5.2	35.2	37.4	13.3	.6	.1						...	...

TOTAL NUMBER OF OBSERVATIONS ...

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

SURFACE WINDS

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

STATION: [illegible] STATION NAME | YEARS: 7-63 | MONTH: [illegible]

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.4	3.0	.6								[illegible]	7.[illegible]
NNE	.1	2.6	2.8	.2	.1							[illegible]	[illegible]
NE	[illegible]	[illegible]	3.2	.3								[illegible]	[illegible]
ENE	.3	2.1	1.1	.2			.[illegible]					.[illegible]	[illegible]
E	.3	1.2	.1									.[illegible]	[illegible]
ESE	.3	.2	.6	.2		.1						.[illegible]	[illegible]
SE	.5	1.1	.7	.2	.1							.[illegible]	[illegible]
SSE	.2	1.4	.5	.3	.1							2.[illegible]	[illegible]
S	1.1	.9	1.3	.9	.3							[illegible]	5.[illegible]
SSW	.6	2.8	1.8	.4								5.[illegible]	[illegible]
SW	1.1	5.4	2.9	1.2								10.[illegible]	[illegible]
WSW	.6	5.2	4.8	.5	.1							11.[illegible]	[illegible]
W	.5	3.8	4.2	1.4	.1							[illegible]	[illegible]
WNW		1.7	2.6	.5	.1							[illegible]	[illegible]
NW		1.3	1.[illegible]	.1								[illegible]	[illegible]
NNW		.[illegible]	.2	.1								1.[illegible]	[illegible]
VARBL													
CALM												11.[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

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

SURFACE WINDS

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

[illegible] MCGHEE TYSON AIRPORT TN — [illegible] — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL — CLASS — ALL — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.6	2.7	.6								[illegible]	[illegible]
NNE	.7	2.[illegible]	2.7	.6	.							[illegible]	[illegible]
NE	.6	1.[illegible]	3.7	1.1	.							[illegible]	[illegible]
ENE	.1	3.2	1.3	.3	.1		.					.8	[illegible]
E	.4	1.3	.3	.1								[illegible]	[illegible]
ESE	.[illegible]	.[illegible]	.3	.1		.						[illegible]	[illegible]
SE	.7	.[illegible]	.7	.2	.							1.[illegible]	[illegible]
SSE	.3	.[illegible]	.3	.3	.1	.						1.4	[illegible]
S	.5	1.1	1.[illegible]	.5	.2							[illegible]	[illegible]
SSW	.7	1.7	1.5	1.[illegible]	.2							4.[illegible]	[illegible]
SW	.1	2.5	3.3	3.2	.5	.1	.					1.5	[illegible]
WSW	.5	3.4	4.4	2.6	.6	.1						1.[illegible]	[illegible]
W	.5	3.[illegible]	4.3	2.1	.3	.1						1.[illegible]	[illegible]
WNW	.7	1.4	1.7	1.0	.3	.[illegible]						4.[illegible]	[illegible]
NW	.4	2.[illegible]	1.2	.5	.[illegible]							[illegible]	[illegible]
NNW	.[illegible]	1.5	.8	.[illegible]								[illegible]	[illegible]
VARBL													
CALM												11.3	
	6.7	34.1	29.9	14.9	2.6	.4	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

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

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

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

SURFACE WINDS

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

[illegible] [illegible] MCGHEE TYSON AIRPORT TN [illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
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	.4	3.4	1.1	.6								.9	6.2
NNE	.3	4.4	2.6	.6								.1	[illegible]
NE	.2	4.7	3.5	.6								1.7	[illegible]
ENE	.4	4.2	.9	.2	.1							[illegible]	[illegible]
E	.[illegible]	1.4	.2									[illegible]	[illegible]
ESE	.5	.8	.3									[illegible]	[illegible]
SE	.2	.[illegible]			.[illegible]	.[illegible]						[illegible]	[illegible]
SSE	.2	.[illegible]		.1	.1							1.1	[illegible]
S	.3	.3	1.[illegible]									.7	[illegible]
SSW	.[illegible]	1.9	1.[illegible]	.[illegible]	.[illegible]	.[illegible]						[illegible]	[illegible]
SW	.5	[illegible].1	3.[illegible]	2.6	.7	.1						1.7	[illegible]
WSW	.7	4.2	2.7	1.3	.3							[illegible]	[illegible]
W	.4	2.3	2.[illegible]	1.1		.[illegible]						[illegible]	[illegible]
WNW	.4	1.2	.3	.7	.2	.1						[illegible]	[illegible]
NW	.[illegible]	1.[illegible]	.3									1.7	[illegible]
NNW	.[illegible]	1.1	.6	.1								[illegible]	[illegible]
VARBL												[illegible]	
CALM												[illegible]	
	[illegible]	7.4	36.[illegible]	[illegible].7	8.3	1.[illegible]	.[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]

SURFACE WINDS

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

[illegible] MCGHEE TYSON AIRPORT TN — [illegible]-67 — [illegible]
STATION — STATION NAME — YEARS — 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	.3	2.5	2.4	.1								[illegible]	[illegible]
NNE	.2	2.0	3.0	.8								[illegible]	[illegible]
NE	1.7	5.2	4.3	2.3	.1							[illegible]	[illegible]
ENE	.4	3.4	3.1	.6								[illegible]	[illegible]
E	.7	1.6	.7	.2								[illegible]	[illegible]
ESE	.4	.7	.5									[illegible]	[illegible]
SE	.2	.3	.2									[illegible]	[illegible]
SSE	.1		.3	.1	.2							[illegible]	[illegible]
S	.2	1.2	.6	1.4		.1						[illegible]	[illegible]
SSW	.2	1.7	1.6	2.1	.4	.1						[illegible]	[illegible]
SW	.2	1.2	3.6	5.8	1.2	.2						[illegible]	[illegible]
WSW	.2	3.1	4.1	2.9	.4	.4						[illegible]	[illegible]
W	.2	2.1	3.3	1.9	.2							[illegible]	[illegible]
WNW	.1	1.6	1.3	1.1	.1							[illegible]	[illegible]
NW	.3	2.1	1.8	.6								[illegible]	[illegible]
NNW	.2	.4	.3									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	7.8	29.6	29.1	19.7	2.8	1.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 809

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] STATION — MCGHEE TYSON AIRPORT TN STATION NAME — 74-83 YEARS — [illegible] MONTH

ALL WEATHER CLASS — [illegible]-[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	.3	3.2	1.9	.2								[illegible]	[illegible]
NNE	.1	1.6	2.2	1.2								5.[illegible]	7.3
NE	.3	2.4	3.6	1.2								7.6	7.[illegible]
ENE		1.2	1.2	.6								3.1	7.[illegible]
E	.2	1.2	.4									.8	5.[illegible]
ESE	.2	.7	.1	.1								.1	5.[illegible]
SE		.4	.1	.[illegible]								.[illegible]	7.2
SSE	.1	.3	.1									.[illegible]	5.[illegible]
S	.4	1.2	.2	.9	.2	.2						3.3	9.3
SSW		1.3	1.3	2.4	.4							5.[illegible]	1.[illegible]
SW	.3	2.9	3.2	4.7	1.7	.3	.2					13.3	11.[illegible]
WSW	.3	2.6	4.9	5.1	1.8	.6						15.[illegible]	11.2
W	.7	2.6	5.2	3.8	1.7	.1						14.[illegible]	1.[illegible]
WNW	.3	1.7	1.9	1.2	.2							5.3	8.6
NW	.2	2.9	2.2	.6	.1							5.[illegible]	7.1
NNW	.2	1.8	1.4	.1								3.[illegible]	6.3
VARBL													
CALM												4.2	
	4.3	33.7	32.8	22.2	6.1	1.2	.2					1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-[illegible] YEARS | APR 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	.4	2.1	2.6	.2	.1							.4	6.2
NNE	.1	1.2	1.7	1.1								4.1	7.8
NE	.2	2.0	3.7	1.7	.1							[illegible]	[illegible]
ENE	.2	1.6	1.4	.8								[illegible]	7.1
E		1.1	.4	.2								1.8	[illegible]
ESE		.7	.2									.2	[illegible]
SE	.2	.8	.7									[illegible]	[illegible]
SSE		.2	.1	.1	.1							1.1	[illegible]
S	.2	1.4	.8	.9	.2							[illegible]	[illegible]
SSW	.1	.2	1.2	2.1	.1	.1						[illegible]	[illegible]
SW	.2	1.2	3.6	6.1	2.2	.4						[illegible]	11.5
WSW	.1	2.4	4.4	5.7	1.6	.4	.1					[illegible]	11.4
W	.2	2.2	4.4	3.6	1.4							[illegible]	[illegible]
WNW	.1	1.4	3.6	1.9	.4							[illegible]	[illegible]
NW	.2	1.9	2.8	1.1	.1							.4	7.8
NNW	.1	2.2	1.2									4.2	[illegible]
VARBL													
CALM												[illegible]	
	3.8	26.1	32.9	26.0	6.8	.7	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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] MEMPHIS TYSON AIRPORT TN [illegible] [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
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	2.4	2.4	1.0								.4	7.2
NNE	.2	2.7	1.1	.2	.3							4.[illegible]	7.3
NE	.3	3.7	2.3	.7								[illegible]	[illegible]
ENE	.6	2.[illegible]	2.[illegible]	.4								[illegible]	[illegible]
E	.2	.3	.2	.1								1.[illegible]	5.6
ESE		.2	.3									.2	5.8
SE	.3	1.7	.6	.2								[illegible]	5.[illegible]
SSE	.1	.4	.3	.1								1.3	[illegible]
S	.3	2.9	2.1	.8	.1							[illegible]	7.[illegible]
SSW	.2	3.9	2.3	1.1	.3							7.8	7.[illegible]
SW	1.1	3.7	6.2	1.9	.9							[illegible]	[illegible]
WSW	.8	8.6	5.2	1.9	.1							12.2	7.8
W	.6	3.4	3.6	2.[illegible]	.6							[illegible]	[illegible]
WNW		1.7	1.8	2.1	.1							5.7	9.4
NW	.3	2.1	2.1	.6								[illegible]	6.[illegible]
NNW	.4	1.6	1.3	.2	.1							3.7	6.[illegible]
VARBL													
CALM												[illegible]	
	5.8	38.3	38.0	17.0	2.4							[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION MCGHEE TYSON AIRPORT TN STATION NAME 74-5[illegible] YEARS [illegible] 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	.4	3.4	4.0	.4								[illegible]	[illegible]
NNE	.1	2.4	2.0	.6								[illegible]	[illegible]
NE	.7	4.4	1.9	.4								[illegible]	[illegible]
ENE	.7	2.9	1.3	.1								[illegible]	[illegible]
E	.2	1.4	.1									[illegible]	[illegible]
ESE	.2	.6	.2									[illegible]	[illegible]
SE	.4	.9	.4	.1								[illegible]	[illegible]
SSE	.0	.7	.2	.2								[illegible]	[illegible]
S	.4	1.0	1.8	.9	.2							[illegible]	[illegible]
SSW	.4	2.0	2.1	1.0	.1	.2						[illegible]	[illegible]
SW	1.1	4.1	4.4	.7	.6	.1						[illegible]	[illegible]
WSW	.9	5.8	3.9	1.6	.1							[illegible]	[illegible]
W	.8	2.7	3.0	.6								[illegible]	[illegible]
WNW	.4	1.2	1.2	.3	.1							[illegible]	[illegible]
NW	.3	1.7	1.6	.7	.1							[illegible]	[illegible]
NNW	.7	1.3	.3									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	9.5	38.3	28.5	7.2	1.2	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

SURFACE WINDS

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

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | 02 MONTH

ALL WEATHER CLASS | 24 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	3.1	2.2	.7	.2							.3	6.4
NNE	.2	2.2	2.3	.6	.2							.3	6.5
NE	.3	4.5	3.1	.9	.2							1.3	6.4
ENE	.3	2.8	1.4	.4	.2							1.1	6.1
E	.3	1.3	.3	.1								.9	4.9
ESE	.2	.7	.2	.1	.1							.3	6.1
SE	.3	.5	.3	.1	.1	.1						1.0	6.1
SSE	.3	.5	.2	.1	.1							1.2	6.4
S	.4	1.6	1.1	.6	.1	.1						3.9	7.7
SSW	.2	2.1	1.7	1.4	.3	.1	.1					5.7	8.9
SW	.3	3.3	3.9	1.3	1.1	.4	.1					11.4	8.6
WSW	.3	4.2	3.9	2.6	.5	.2	.1					11.8	8.7
W	.5	2.7	3.2	1.8	.6	.2						9.8	8.8
WNW	.3	1.3	1.7	1.1	.2	.1						4.5	8.7
NW	.4	1.8	1.5	.4	.2							4.4	6.9
NNW	.4	1.3	.7	.1	.1							2.6	5.7
VARBL													
CALM												11.3	
	7.0	34.8	27.5	13.7	3.8	.6	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7108

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)

72208 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | MAY MONTH

ALL WEATHER 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	.9	3.7	2.4									6.9	5.6
NNE	.8	3.2	2.6	.5								7.1	6.1
NE	1.1	7.0	2.7									10.8	5.3
ENE	.9	4.8	.9									6.6	4.9
E	.4	1.2	.2									1.8	3.5
ESE	.4	1.1										1.5	3.7
SE	.7	1.4		.1								2.2	4.8
SSE	.2	.6		.7								1.4	6.7
S	1.1	1.4	.8	.3								3.6	5.7
SSW	.7	2.9	.5	.5								4.6	6.4
SW	.8	4.3	2.3	.8								8.1	7.5
WSW	1.4	5.2	2.5	.2								9.3	5.6
W	.5	4.5	.9	.2								6.1	5.4
WNW	.1	1.3	.9									2.3	6.2
NW	.8	1.3	.2									2.3	4.3
NNW	.4	1.3										1.7	4.3
VARBL													
CALM												25.3	
	12.1	44.3	16.7	3.0								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 97

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

...AL CLIMATOLOGY ...ATION
...FETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

... STATION ... STATION NAME ... YEARS ... MONTH

ALL WEATHER
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	1.1	2.2	1.8	.1								.2	5.3
NNE	1.1	4.7	3.3									.1	5.1
NE	1.1	6.0	2.4	.1								11.6	5.1
ENE	1.1	5.7	.2									7.4	4.4
E	.2	1.4	.2									1.8	5.0
ESE	.1	.2	.1									.4	4.6
SE	.3	.2	.1									1.0	4.4
SSE	1.1	.4		.1	.1							.2	4.0
S	.1	1.4	.2									.3	4.4
SSW	.3	1.3	1.1	.4	.1							.3	5.4
SW	.5	3.4	1.5	.8	.1							.7	6.4
WSW	.6	3.9	2.6	.5	.1							7.7	6.3
W	.4	3.5	1.7	.2								5.8	5.7
WNW	.2	1.5	.1									.3	4.5
NW	.2	1.4	.5	.1								.3	5.6
NNW	.2	.2	.5									1.1	5.6
VARBL													
CALM												.2	
	10.5	40.6	16.0	2.4	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS ...

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

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

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] 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	.6	3.2	.9	.1								[illegible]	[illegible]
NNE	.4	2.[illegible]	2.3	.2								[illegible]	[illegible]
NE	1.7	8.7	5.4	.9								[illegible]	[illegible]
ENE	2.[illegible]	4.6	1.2	.1								[illegible]	[illegible]
E	.[illegible]	1.[illegible]	.5									[illegible]	[illegible]
ESE	.5	.9	.1									[illegible]	[illegible]
SE	.[illegible]	.4	.1									[illegible]	[illegible]
SSE	.[illegible]	.[illegible]	.2	.1								[illegible]	[illegible]
S	.[illegible]	1.[illegible]	.3	.1	.1							[illegible]	[illegible]
SSW	.[illegible]	2.[illegible]	.9	.3								[illegible]	[illegible]
SW	.6	3.4	1.3	1.[illegible]								.3	[illegible]
WSW	.[illegible]	3.3	1.6	.6								[illegible]	[illegible]
W	.5	3.[illegible]	1.[illegible]	.5								[illegible]	[illegible]
WNW	.[illegible]	1.2	.6									[illegible]	[illegible]
NW	1.[illegible]	1.6	.3									[illegible]	[illegible]
NNW	.[illegible]	1.[illegible]	.1									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	11.[illegible]	43.3	17.7	4.0	.1							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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] STATION — ACSHEE TYSON /IRPORT TN STATION NAME — [illegible] YEARS — [illegible] 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	.2	4.1	1.4									[illegible]	[illegible]
NNE	1.2	3.2	2.4	.4								[illegible]	[illegible]
NE	.8	[illegible]	4.7	1.6	.1							[illegible]	[illegible]
ENE	1.1	3.2	3.7	1.0								[illegible]	[illegible]
E	1.2	2.6	.4									[illegible]	[illegible]
ESE	.4	.8										[illegible]	[illegible]
SE	.2	1.[illegible]	.1									[illegible]	[illegible]
SSE	.1	.3	.1	.1								[illegible]	[illegible]
S	.4	1.0	.4	.4								[illegible]	[illegible]
SSW	.6	1.6	1.4	.5	.2							[illegible]	[illegible]
SW	.2	3.3	2.8	1.8	.1							[illegible]	[illegible]
WSW	.2	[illegible]	5.[illegible]	1.7	.4							[illegible]	[illegible]
W	.3	3.4	3.7	1.6	.2							[illegible]	[illegible]
WNW	.2	1.[illegible]	.9	.5								[illegible]	[illegible]
NW	.2	2.2	1.[illegible]									[illegible]	[illegible]
NNW	.2	1.3	.5									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	9.5	46.1	28.4	9.4	1.2							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

SURFACE WINDS

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

[illegible] STATION | TUCSON AIRPORT AZ STATION NAME | [illegible] YEARS | [illegible] MONTH

ALL [illegible] CLASS | [illegible] HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 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]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

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

SURFACE WINDS

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

STATION _____ STATION NAME MCCHORD TYCON AIRPORT TA YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

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

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] STATE [illegible] SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | MEMPHIS TYSON AIRPORT TN STATION NAME | 74-8[illegible] 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	.7	2.4	2.2	.2								[illegible]	[illegible]
NNE	.2	2.0	2.6	.7	.0							.[illegible]	[illegible]
NE	.[illegible]	2.[illegible]	3.2	.6	.[illegible]							1.[illegible]	[illegible]
ENE	1.0	4.2	1.9	.3								.[illegible]	[illegible]
E	.[illegible]	2.1	.7	.1								.4	[illegible]
ESE	.7	.[illegible]	.2									1.[illegible]	[illegible]
SE	.7	.[illegible]	.2	.1								1.[illegible]	[illegible]
SSE	.[illegible]	.[illegible]	.2	.1	.[illegible]							1.[illegible]	[illegible]
S	.[illegible]	1.[illegible]	.7	.4	.[illegible]							.[illegible]	[illegible]
SSW	.[illegible]	1.[illegible]	1.3	.8	.[illegible]							.4	7.6
SW	.[illegible]	3.4	2.7	1.7	.[illegible]							.7	7.8
WSW	.[illegible]	4.[illegible]	2.[illegible]	1.[illegible]	.[illegible]	.[illegible]						.[illegible]	[illegible]
W	.[illegible]	3.[illegible]	2.2	1.1	.[illegible]							.3	7.1
WNW	.[illegible]	1.[illegible]	1.[illegible]	.7		.[illegible]						.7	[illegible]
NW	.[illegible]	.[illegible]	.3	.2	.[illegible]							.3	5.7
NNW	.[illegible]	1.[illegible]	.5	.[illegible]								.3	5.6
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]438

[illegible]

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

[illegible] 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	.8	2.8	1.6	.2								.5	[illegible]
NNE	.7	2.1	1.2	.3								.4	[illegible]
NE	1.2	5.6	1.1									[illegible]	[illegible]
ENE	.6	4.1	.7	.1								[illegible]	[illegible]
E	.4	1.7	.5									[illegible]	[illegible]
ESE	.4	.6	.2									.2	[illegible]
SE	.4	1.3	.4									[illegible]	[illegible]
SSE	.2	.3	.1									[illegible]	[illegible]
S	.4	1.2	.6	.1								[illegible]	[illegible]
SSW	.3	2.3	.7	.1								[illegible]	[illegible]
SW	1.1	5.3	2.2	.2								[illegible]	[illegible]
WSW	.9	8.3	1.6	.1								1.2	[illegible]
W	1.4	5.3	2.2	.2								[illegible]	[illegible]
WNW	.3	1.9	.3									[illegible]	[illegible]
NW	.1	2.1	.3	.4								[illegible]	[illegible]
NNW	.7	1.3	.3									.3	[illegible]
VARBL													
CALM												[illegible]	
	12.4	58.3	14.6	1.6								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 84 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] STATION | MCGUIRE TYDEN AF PORT TA STATION NAME | [illegible] YEARS | [illegible] 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	.5	2.6	1.8									[illegible]	[illegible]
NNE	1.5	2.5	1.6	.3								[illegible]	[illegible]
NE	1.4	5.2	1.3	.4								[illegible]	[illegible]
ENE	1.7	1.2	.2									[illegible]	4.7
E	.7	1.6										[illegible]	4.1
ESE	.3	.7	.2									[illegible]	4.7
SE	.4	.4	.7	.1								1.6	[illegible]
SSE	.3	.4	.2									[illegible]	4.[illegible]
S	.6	.9										1.6	4.7
SSW	.4	1.4	.5	.2								[illegible]	6.[illegible]
SW	1.1	3.6	1.3	.2								[illegible]	[illegible]
WSW	1.7	5.6	3.1	.1								[illegible]	5.6
W	.7	4.3	1.2	.2	.1							[illegible]	[illegible]
WNW	.5	1.7	.7	.1								[illegible]	[illegible]
NW	.3	2.6	.4									[illegible]	4.7
NNW	.2	1.3	.7									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	12.5	44.2	17.7	1.4	.1							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 899

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

...TAL CLIMATOLOGY ...ANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] MCGHEE TYSON AIRPORT TN — [illegible] — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER
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	.6	3.7	1.7									[illegible]	[illegible]
NNE	.3	4.2	1.1	.1								5.[illegible]	[illegible]
NE	1.4	5.2	3.4	.2								11.[illegible]	[illegible]
ENE	[illegible]	[illegible]	.9	.3								[illegible]	[illegible]
E	.5	2.1	.1									[illegible]	[illegible]
ESE	.1	1.[illegible]	.[illegible]									[illegible]	[illegible]
SE	1.[illegible]	1.2	.1									.3	[illegible]
SSE	.3	.4	.1									.9	[illegible]
S	.8	1.1	.3	.2								2.4	[illegible]
SSW	.4	2.2	1.7	.2								4.[illegible]	[illegible]
SW	.5	4.[illegible]	2.[illegible]	.8								7.[illegible]	[illegible]
WSW	1.6	8.6	3.2	.2								[illegible]	[illegible]
W	.7	4.[illegible]	1.3	.1								[illegible]	[illegible]
WNW	.2	.9	.4	.1								[illegible]	[illegible]
NW	.7	1.2	.4									2.3	[illegible]
NNW	.4	1.1	.1									1.[illegible]	[illegible]
VARBL													
CALM												[illegible].4	
	[illegible].6	42.6	17.7	3.3								[illegible].0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 899

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

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

SURFACE WINDS

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

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | [illegible]-63 YEARS | JUL 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	.3	3.3	1.7	.2								.[illegible]	[illegible].6
NNE	.9	3.3	1.7	.6								.[illegible]	[illegible].2
NE	.2	4.7	2.9	.7	.1							.[illegible]	6.3
ENE	.9	3.4	1.6	.1								.[illegible]	[illegible].3
E	.1	2.7	.9	.1								[illegible].[illegible]	5.3
ESE	.4	1.1										[illegible].[illegible]	4.3
SE	.7	1.7										1.[illegible]	4.1
SSE	.6	.4	.1									1.1	3.3
S	.2	.7	.1									.[illegible]	4.6
SSW	.4	2.2	1.6	.6	.1							.[illegible]6	[illegible].7
SW	.2	2.3	5.2	2.4	.2							11.[illegible]	5.5
WSW	.4	3.[illegible]	7.2	3.6								1[illegible].[illegible]	[illegible].4
W	.6	3.7	4.2	1.4								[illegible].1	[illegible].3
WNW	.2	2.7	1.6	.6								.[illegible]	[illegible].7
NW	.7	3.6	.4	.1								4.0	[illegible]
NNW	.6	1.9	.1									[illegible].6	[illegible].4
VARBL													
CALM												12.7	
	7.8	41.6	29.2	10.3	.4							1.0.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: MCGHEE TYSON AIRPORT TN YEARS: 74-81 MONTH: [illegible]

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

CONDITION:

SPEED (KNTS) DIR.	1 - 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	4.3	2.4	.2								[illegible]	[illegible]
NNE	.4	1.2	2.4	.2								[illegible]	[illegible]
NE	.2	1.1	2.3	.1								[illegible]	[illegible]
ENE		1.1	1.2	.2								[illegible]	[illegible]
E	.1	1.2	.6	.2								2.4	[illegible]
ESE	.1	.3	.2									[illegible]	[illegible]
SE	.1	.2	.2									[illegible]	[illegible]
SSE		.1	.2									[illegible]	[illegible]
S	.1	2.1	.7	.1	.2							[illegible]	[illegible]
SSW	.1	2.1	2.1	.8	.4							5.4	8.4
SW		3.4	5.9	3.7	.1							[illegible]	[illegible]
WSW	.1	3.1	6.2	4.5	.2							[illegible]	[illegible]
W	.5	3.1	7.1	2.2	.2	.1						[illegible]	[illegible]
WNW	.1	3.1	3.3	.6								[illegible]	[illegible]
NW		4.3	2.7	.4								[illegible]	[illegible]
NNW	.1	2.7	1.4									[illegible]	[illegible]
VARBL													
CALM												4.7	
	3.7	36.8	42.8	14.3	1.7	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	CORPUS CHRISTI INTERNATIONAL AIRPORT TX	71-73	JAN

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): [illegible]

SPEED (KNTS) DIR.	1 - 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	3.7	3.0	.3								[illegible]	[illegible]
NNE		1.7	3.4	1.0								[illegible]	[illegible]
NE	.1	1.7	7.0	.9	.1							[illegible]	[illegible]
ENE	.3	1.9	2.7	.2								[illegible]	[illegible]
E	.1	.9	1.1									[illegible]	[illegible]
ESE		.9	.7	.2								[illegible]	[illegible]
SE	.1	.7	.3									[illegible]	[illegible]
SSE	.1	.7	.3									[illegible]	[illegible]
S	.1	1.2	1.0	.3								[illegible]	[illegible]
SSW	.3	1.1	2.7	1.0			.1					[illegible]	[illegible]
SW		3.3	5.2	4.1	.8							[illegible]	[illegible]
WSW	.1	2.1	6.6	3.2	.7	.1						[illegible]	[illegible]
W	.7	3.3	8.1	2.6	.3							[illegible]	[illegible]
WNW	.1	4.7	3.4	.8								[illegible]	[illegible]
NW	.1	3.1	2.1	.4								[illegible]	[illegible]
NNW	.6	2.9	1.6									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	2.8	32.8	45.2	15.0	1.4	.1	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

...TAL CLIMATOLOGY ...A...
...PORT/...
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...CA — STATION — ...GHEE TYSON AIRPORT TN — STATION NAME — 74-[illegible] — YEARS — ... — MONTH

ALL WEATHER — 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]	[illegible].1	3.2	1.0								[illegible]	[illegible]
NNE	.[illegible]	3.2	[illegible].1	.3								[illegible]	[illegible]
NE	.[illegible]	[illegible].7	[illegible].1	.2	.1							[illegible].3	.7
ENE		[illegible].7	2.6									[illegible]	[illegible]
E		[illegible].4	1.7	.1								[illegible]	[illegible]
ESE	.[illegible]	1.2	.[illegible]									1.[illegible]	.[illegible]
SE	.[illegible]	1.[illegible]	.[illegible]									.[illegible]	[illegible]
SSE		.[illegible]	.3	.2								[illegible]	[illegible]
S	.[illegible]	1.2	.3	.1								1.[illegible]	.[illegible]
SSW	.[illegible]	2.[illegible]	2.6	.3								[illegible]	[illegible]
SW	.3	[illegible].4	5.9	.9								13.[illegible]	7.[illegible]
WSW		6.4	4.[illegible]	1.7								11.[illegible]	7.1
W	.1	[illegible].6	[illegible].7	.3	.2	.1						1.[illegible]	[illegible]
WNW	.[illegible]	[illegible].4	2.[illegible]	.6								[illegible].4	[illegible]
NW	.[illegible]	4.9	1.[illegible]									[illegible]	[illegible]
NNW	.[illegible]	[illegible].7	.[illegible]									3.[illegible]	[illegible]
VARBL													
CALM												.4	
	2.9	[illegible]7.6	[illegible]4.[illegible]	[illegible].[illegible]	.[illegible]	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-[redacted] YEARS | [redacted] MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.9	2.3	.1								[redacted]	[redacted]
NNE	.5	4.1	2.4									.1	[redacted]
NE	1.7	5.7	1.8	.1								[redacted]	[redacted]
ENE	.9	4.2	.8	.1								[redacted]	[redacted]
E	.3	1.3	.7									[redacted]	[redacted]
ESE	.2	.9	.2	.2								[redacted]	[redacted]
SE	1.1	1.4	.6	.1								[redacted]	[redacted]
SSE	.1	.5	.2									[redacted]	[redacted]
S	.8	2.2	.7	.1								[redacted]	[redacted]
SSW	.4	7.7	1.0	.2								[redacted]	[redacted]
SW	1.2	8.2	2.1	.2								[redacted]	[redacted]
WSW	1.[redacted]	6.3	2.4	.6								[redacted]	[redacted]
W	.7	4.6	1.[redacted]	.1								[redacted]	[redacted]
WNW	.[redacted]	1.4	.2	.1								[redacted]	[redacted]
NW	.2	2.4	.4									[redacted]	[redacted]
NNW	.2	1.0	.3									2.4	4.5
VARBL													
CALM												15.6	
	10.3	57.6	18.1	2.0								[redacted]	[redacted]

TOTAL NUMBER OF OBSERVATIONS [redacted]

USAFETAC FORM 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] STATION — [illegible] STATION NAME — [illegible] YEARS — [illegible] MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.6	2.1	.2								[illegible]	[illegible]
NNE	.2	3.[illegible]	2.[illegible]	.2								[illegible]	[illegible]
NE	.3	4.5	2.5	.3	.1							[illegible]	[illegible]
ENE	.2	3.[illegible]	1.5	.1								[illegible]	.6
E	.4	1.7	.7	.1								[illegible]	[illegible]
ESE	.2	.9	.2	.1								1.4	[illegible]
SE	.2	1.1	.3	.2								1.[illegible]	4.[illegible]
SSE	.3	.4	.2	.2								.5	[illegible]
S	.5	1.3	.5	.1	.2							2.4	[illegible]
SSW	.4	2.4	1.7	.4	.1							[illegible]	[illegible]
SW	.5	4.6	2.9	1.5	.3							[illegible]	[illegible]
WSW	.7	5.1	4.7	1.6	.1	.2						11.[illegible]	[illegible]
W	.7	4.4	3.6	.9	.1	.2						[illegible].7	[illegible]
WNW	.3	2.4	1.6	.3								4.[illegible]	[illegible]
NW	.4	3.2	1.1	.2								4.[illegible]	[illegible]
NNW	.4	2.1	.6									[illegible]	[illegible]
VARBL													
CALM												1.[illegible]	
	7.9	44.4	26.7	6.4	.6	.3	.2					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 7197

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

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

SURFACE WINDS

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

STATION [illegible] STATION NAME [illegible] AT PORT [illegible] YEARS 74-[illegible] MONTH [illegible]

CLASS ALL WEATHER HOURS (L S T) -

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.5	.9									.4	5.0
NNE	.2	3.7	1.1									.6	5.0
NE	.7	1.7	1.6	.1								.4	5.0
ENE	1.0	2.3	.9									.4	5.0
E	.1	1.5		.2								.3	5.0
ESE	.4	1.1	.2	.2								.3	5.0
SE	.4	1.5	.2									.3	5.0
SSE	.4	.7										.1	5.0
S	.2	1.5	.3	.1								.3	5.0
SSW	.6	2.2	.6									.4	5.0
SW	1.3	1.6	1.9	.1								.5	5.0
WSW	1.2	1.1	1.2	.2								.5	5.0
W	.6	1.2	1.1									.3	5.0
WNW	.7	1.7	.3									.3	5.0
NW	1.0	2.2	.7	.1								.5	5.0
NNW	.7	.5		.2								1.4	5.0
VARBL													
CALM												.3	
	13.3	40.9	10.2	1.2									

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

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

[illegible] CLIMATOLOGY BRANCH
[illegible]

SURFACE WINDS

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

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 7-2 YEARS | MONTH

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

CONDITION

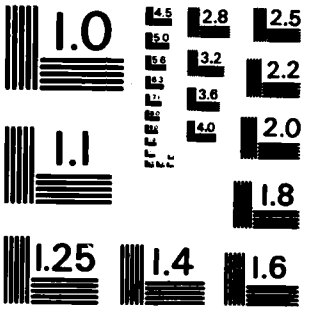
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.0	[illegible]									[illegible]	[illegible]
NNE	[illegible]	2.5	1.5									[illegible]	[illegible]
NE	1.[illegible]	6.4	2.[illegible]	[illegible]								[illegible]	[illegible]
ENE	1.[illegible]	5.[illegible]	1.0	[illegible]								[illegible]	[illegible]
E	[illegible]	2.1	[illegible]									[illegible]	[illegible]
ESE	[illegible]	1.[illegible]										[illegible]	[illegible]
SE	[illegible]	1.[illegible]										[illegible]	[illegible]
SSE	[illegible]	1.0										[illegible]	[illegible]
S	[illegible]	1.[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	1.[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	2.[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	4.[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	1.0	[illegible]									[illegible]	[illegible]
NW	[illegible]	1.0	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	45.[illegible]	14.3	1.2									

TOTAL NUMBER OF OBSERVATIONS [illegible]

AD-A140 245 MCGHEE-TYSON AIRPORT TENNESSEE REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 30 JAN 84

UNCLASSIFIED USAFETAC/DS-84/006 SBI-AD-E850 014 F/G 4/2 NL

2/5



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)

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0700-1100 HOURS (L.S.T.)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.9	.3	.1								4.6	4.6
NNE	.3	3.1	1.5									5.7	5.6
NE	.9	5.7	3.2	.5								10.3	6.2
ENE	.8	4.2	1.5	.1								6.6	5.6
E	.5	.9	.8									2.2	5.3
ESE	.3	1.2	.1									1.6	4.4
SE	.3	1.1	.2									1.6	4.5
SSE	.1	.4										.5	4.8
S	.3	1.9	.6									2.8	5.1
SSW	.4	2.2	2.5	.3								5.4	6.6
SW	.5	4.8	5.6	1.1								12.1	7.2
WSW	.8	5.7	6.2	1.5								13.5	7.3
W	1.7	5.4	3.8	.8								11.0	5.8
WNW	.5	2.0	.8									3.3	5.2
NW	.6	3.2	.3	.2								4.2	5.0
NNW	.4	1.8	.1									2.4	4.8
VARBL													
CALM												12.9	
	10.0	45.5	27.2	4.3								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 928

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

-3628-

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-82 (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	.8	5.2	1.5	.1								7.5	6.3
NNE	.1	1.6	1.7	.2								3.7	6.8
NE	.8	3.3	3.3	.1								7.5	6.1
ENE	.4	2.[illegible]	1.8	.3								4.6	6.5
E	.1	1.4	1.[illegible]	.1								2.6	6.5
ESE	.4	.9	.2	.1								1.6	5.5
SE	.1	1.1	.3									1.5	5.8
SSE		.6										.6	5.0
S	.4	2.4	1.3	.3								4.4	6.1
SSW	.1	1.9	2.3	.6								5.7	7.4
SW	.3	2.8	2.6	2.4								8.1	8.5
WSW	.4	5.1	6.1	2.8	.1							14.5	8.1
W	1.1	6.7	5.5	1.1								14.3	6.5
WNW	.2	3.6	2.4	.2								6.4	6.3
NW	.3	4.1	2.1	.3								6.8	6.7
NNW	.5	3.8	1.2									5.5	5.4
VARBL													
CALM												5.4	
	6.1	56.8	33.3	8.7	.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 928

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)

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.9	2.6	.8								9.1	6.3
NNE	.8	1.7	1.6	.5								4.3	6.7
NE	.1	3.1	2.6									5.8	6.6
ENE		2.6	2.4	.1								5.1	6.3
E		2.2	1.3	.2								3.5	6.5
ESE	.1	1.1	.9		.1							2.2	7.0
SE	.2	1.1	1.2									2.5	6.3
SSE		.9	.6									1.5	6.8
S	.5	1.5	1.0	.3								3.3	6.3
SSW	.1	1.8	2.2	1.0								4.6	8.1
SW	.2	2.6	5.9	1.7								10.8	8.2
WSW	.2	3.7	6.0	2.3	.1							12.3	8.2
W	.3	4.9	4.8	.9	.2							11.2	7.1
WNW	.2	3.9	3.8	.8	.1							8.8	7.1
NW	.2	5.1	3.2	.1								8.6	6.2
NNW	.2	1.7	1.0	.1	.1							3.1	6.8
VARBL													
CALM												4.1	
	3.8	43.2	40.6	8.7	.6							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 836

3029

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)

72226 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 13-01/00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	5.2	2.9	.1								9.0	5.8
NNE	.4	2.4	1.6									4.4	6.1
NE	.4	3.2	2.6	.1	.1							7.3	6.1
ENE	.4	2.9	1.5	.1								4.9	5.9
E	.4	2.3	1.5									4.2	6.2
ESE	.1	2.2	1.5									3.2	5.8
SE	.2	3.3	.9		.1							4.5	5.8
SSE	.1	1.1	.5	.1								1.8	6.2
S	.4	2.5	.9									3.3	5.4
SSW	1.1	4.0	1.7	.1								6.9	5.6
SW		5.7	4.1	.6								10.4	6.6
WSW	.6	5.1	4.2	.4								10.3	6.4
W	.2	3.3	4.4	.4								8.4	6.9
WNW	.3	2.6	.8	.1	.1							3.9	5.9
NW	.8	4.4	1.6	.1								6.9	5.5
NNW	.3	3.2	.3									3.9	5.1
VARBL													
CALM												6.5	
	6.8	53.8	30.8	2.3	.3							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

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)

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) ANN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	3.0	.6	.1								4.1	6.6
NNE	1.3	3.2	.8	.1								5.4	5.1
NE	1.2	6.3	1.4	.1								9.0	5.2
ENE	1.2	5.6	.5									7.3	4.6
E	1.2	1.8	.1	.1								3.2	4.4
ESE	.5	1.4	.3	.1								2.4	5.0
SE	.4	2.4	.2									3.0	4.8
SSE	.4	1.3	.2	.1								2.0	5.2
S	.9	2.7	.8	.1								4.4	5.1
SSW	.6	3.3	.8									5.7	4.9
SW	.8	8.3	1.8	.2								11.1	5.8
WSW	1.3	6.8	3.1	.2								11.4	5.7
W	.9	3.2	.6									4.7	4.8
WNW	.3	1.2	.2	.1	.1							1.9	5.9
NW	.5	1.8	.3									2.7	4.8
NNW	.4	1.2	.1									1.7	4.6
VARBL													
CALM												19.9	
	12.3	58.5	11.0	1.3	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

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

3080

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (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	.8	3.5	1.2	.1								5.6	5.4
NNE	.6	2.6	1.4	.1								4.8	5.7
NE	1.0	5.1	2.4	.2	.0							8.7	5.7
ENE	.8	3.8	1.2	.1								5.9	5.2
E	.7	1.9	.6	.1								3.3	5.1
ESE	.3	1.3	.3	.1	.0							2.0	5.3
SE	.4	1.6	.4		.0							2.3	5.1
SSE	.3	.7	.2	.0								1.2	5.3
S	.6	1.9	.6	.1								3.2	5.3
SSW	.5	2.7	1.4	.3								4.9	6.2
SW	.7	5.2	3.2	.8								10.0	6.5
WSW	.8	5.7	3.9	1.0	.0							11.9	6.6
W	.8	4.8	2.8	.3	.0							8.7	6.1
WNW	.4	2.3	1.7	.2	.0							3.9	6.0
NW	.6	3.1	1.1	.1								4.8	5.4
NNW	.4	1.8	.3	.0	.0							2.5	5.1
VARBL													
CALM												16.7	
	9.6	48.3	22.1	3.5	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7436

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)

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0000-2200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.8	.3									5.-	4.6
NNE	1.2	5.1	1.6									7.8	5.9
NE	1.4	5.9	1.8	.1								9.3	5.2
ENE	1.5	3.-	.3									5.8	4.4
E	1.3	1.-	.1									2.9	3.7
ESE	.3	1.-	.1									1.8	4.-
SE	.9	1.4										2.3	4.0
SSE	.6	1.2										1.8	3.7
S	.5	1.5										2.0	4.2
SSW	.4	2.7	.4									3.6	4.8
SW	1.4	5.-	1.1									7.4	4.8
WSW	1.7	5.5	.8	.1								8.1	4.8
W	.6	5.-	.5									6.1	4.8
WNW	.6	1.7	.4									2.8	4.9
NW	1.3	1.9	.2									3.4	4.3
NNW	.9	1.5										2.4	3.9
VARBL													
CALM												28.1	
	15.9	48.0	7.8	.2								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 529

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

3021

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1330-1500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.4	.3	.1								5.7	4.7
NNE	1.1	5.2	1.3									7.5	4.9
NE	1.9	7.5	2.6									12.1	5.2
ENE	1.9	4.5	.2									6.7	4.1
E	.8	2.6	.3									3.7	4.3
ESE	.4	1.1										1.5	4.2
SE	.4	.8										1.2	3.7
SSE	.2	1.5	.2									1.9	4.9
S	1.0	1.9										2.9	4.1
SSW	.9	1.5	.1	.1								2.4	4.6
SW	.6	3.6	.4	.1								4.7	5.0
WSW	1.4	5.6	1.1									8.1	4.9
W	.9	4.2	.5									5.6	4.8
WNW	.3	.8	.4									1.5	5.1
NW	.2	1.1	.2									1.5	5.1
NNW	.5	1.3	.1									1.9	4.1
VARBL													
CALM												30.8	
	13.5	57.5	7.9	.3								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 928

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)

723260 — STATION
MCGHEE TYSON AIRPORT TN — STATION NAME
74-83 — YEARS
ANN — 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	1.1	2.8	.5									4.4	4.7
NNE	1.9	3.1	1.4									6.5	5.2
NE	1.6	7.1	2.9	.1								11.7	5.3
ENE	2.3	7.2	.6	.1								10.2	4.6
E	2.4	3.3	.1									5.8	3.9
ESE	.6	1.3										1.9	4.1
SE	.6	1.6										2.3	4.1
SSE	.2	.5										.8	3.9
S	1.1	1.5	.1									2.7	3.9
SSW	.9	2.7	.3									3.9	4.7
SW	.6	3.8	1.7	.2								6.4	5.6
WSW	.9	3.6	1.2	.1								5.7	5.3
W	.5	3.0	1.0									4.5	5.3
WNW	.5	.5	.1									1.2	4.4
NW	.4	1.3										1.7	4.6
NNW	.3	1.0	.2									1.5	4.6
VARBL													
CALM												29.8	
	15.1	48.7	10.2	.5								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 928

30182

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) 2100-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.5	1.2									4.2	5.6
NNE	.9	3.1	1.0									4.3	5.1
NE	1.5	5.8	3.8	1.2								12.3	5.5
ENE	.5	3.3	1.9	.2								6.0	6.0
E	1.4	2.3	.4									3.9	4.5
ESE	.2	1.1	.2									1.5	4.9
SE	.4	1.5	.2									2.2	4.4
SSE	.3	.6	.2									1.2	4.7
S	1.0	2.2	.8	.2								4.1	5.2
SSW	.2	2.6	1.4	.5								4.7	6.6
SW	.6	3.3	4.3	.5								8.8	6.9
WSW	1.3	6.5	6.3	.2								14.0	6.4
W	1.3	4.2	1.9	.1								7.2	5.6
WNW	.9	2.2	.3									3.3	4.5
NW	.6	2.6	.5									3.8	4.7
NNW	.5	2.0										2.6	4.9
VARBL													
CALM												15.4	
	11.8	55.5	28.2	3.0								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 828

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)

72256 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (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	1.1	5.7	2.3	.5								9.6	5.0
NNE	.5	2.2	1.9	.1								4.7	5.5
NE	.1	3.5	1.8	.5								5.9	6.6
ENE	.4	1.4	2.0	.1								4.0	6.4
E	.3	2.2	.8									3.2	5.4
ESE	.3	.9	.3									1.5	5.1
SE	.2	1.2	.1	.1								1.6	5.4
SSE	.1	1.2										1.3	4.6
S	.2	2.2	1.2	.2								3.8	6.1
SSW		2.5	3.2	1.0								6.5	7.6
SW	.3	3.4	4.1	1.9								9.8	7.9
WSW	.1	5.3	5.2	.8								11.3	7.0
W	.4	5.9	4.8	.2								11.4	6.4
WNW	.2	1.0	1.8	.2								3.2	6.1
NW	.8	5.8	2.5	.2								9.3	5.9
NNW	.1	2.6	1.2	.1								4.0	5.8
VARBL													
CALM												5.7	
	4.9	49.0	33.0	6.0								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 530

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)

[illegible] MCGHEE TYSON AIRPORT TN 74-82 A
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
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	5.7	3.4	.5								[illegible]	[illegible]
NNE	.1	2.5	2.7	.5								[illegible]	[illegible]
NE	.3	2.5	2.6	.5								[illegible]	[illegible]
ENE	.3	2.[illegible]	2.4	.3								[illegible]	[illegible]
E	.1	1.4	.9	.1								[illegible]	[illegible]
ESE		1.8	1.2									[illegible]	[illegible]
SE	.1	.5	.3									[illegible]	[illegible]
SSE	.1	.5	.4	.2								1.7	[illegible]
S	.1	1.9	1.1	.1	.1							[illegible]	[illegible]
SSW	.4	2.[illegible]	2.3	1.1								[illegible]	[illegible]
SW	.5	2.3	4.3	1.3	.1							[illegible]	[illegible]
WSW	.3	3.5	4.9	.4								[illegible]	[illegible]
W	.4	4.4	5.8	1.2								[illegible]	[illegible]
WNW	.1	3.3	2.2	.6								[illegible]	[illegible]
NW	1.[illegible]	6.3	1.9	.2								[illegible]	[illegible]
NNW	.3	4.4	.9									[illegible]	[illegible]
VARBL													
CALM												4.[illegible]	
	4.9	65.8	37.2	7.2	.2							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

SURFACE WINDS

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

[illegible] STATION — MCGHEE TYSON AIRPORT TN STATION NAME — 74-83 YEARS — [illegible] 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	1.4	4.2	3.8	.3								.7	6.6
NNE	.7	3.1	1.3	.7								2.1	[illegible]
NE	.5	5.0	2.5	.1								.1	[illegible]
ENE	.4	4.6	2.8									7.9	5.[illegible]
E	.3	2.2	.2	.1								2.8	[illegible]
ESE		1.9	1.1									[illegible]	5.8
SE	.1	1.5	.5									2.6	5.6
SSE	.3	1.4	.2									1.9	4.4
S	.4	1.9	1.0	.1								3.4	5.5
SSW	.9	4.7	1.2	.2								7.0	[illegible]
SW	.3	7.4	2.9	.4								11.1	5.9
WSW	.5	4.7	1.9	.3								2.5	6.0
W	.9	4.2	1.4	.2								[illegible]	5.5
WNW	.1	3.2	.9									4.2	5.4
NW	1.2	5.0	.3	.1								6.6	4.7
NNW	1.0	3.3	.5		.1							5.0	5.2
VARBL													
CALM												7.4	
	8.7	58.9	32.5	2.3	.1							136.0	5.2

TOTAL NUMBER OF OBSERVATIONS [illegible] 328

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1000-2100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.3	1.2	.1								5.5	5.3
NNE	.3	2.9	1.9		.1							5.3	4.5
NE	1.6	7.8	2.0	.1								11.5	5.1
ENE	.5	6.9	.3									7.8	4.5
E	1.1	3.3	.5									4.9	4.5
ESE	.3	1.8	.3									2.4	4.7
SE	.9	1.5	.1									2.5	4.1
SSE	.6	1.5	.3									2.3	4.7
S	.6	1.9	.4	.1								3.1	5.1
SSW	.9	5.1	.5	.1								6.6	4.8
SW	1.6	7.3	.8									9.4	4.6
WSW	1.4	4.9	1.3									7.6	4.9
W	.6	2.3	.2	.1								3.0	4.9
WNW	.2	1.8	.3									2.4	5.3
NW	.3	1.2	.3	.1								1.9	5.5
NNW	.5	1.1	.2									1.8	4.8
VARBL													
CALM												12.1	
	12.5	53.8	10.8	.6	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 927

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)

74726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-63 (YEARS) ANN (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	4.1	1.6	.2								6.8	5.5
NNE	.6	3.4	1.6	.1	.1							5.8	5.7
NE	1.1	5.7	2.5	.3								9.6	5.7
ENE	1.2	4.3	1.3	.1								6.7	5.2
E	1.2	2.2	.4	.0								3.8	4.6
ESE	.7	1.3	.4									2.7	5.1
SE	.5	1.3	.2	.0								1.9	4.5
SSE	.3	1.1	.2	.0								1.6	4.7
S	.6	1.9	.6	.1	.0							3.2	5.2
SSW	.6	3.1	1.2	.4								5.2	5.9
SW	.8	4.5	2.4	.6	.0							8.3	6.2
WSW	.9	4.9	2.8	.2								8.9	5.9
W	.7	4.1	2.3	.2								7.1	5.8
WNW	.4	2.2	.8	.1								3.5	5.4
NW	.7	3.1	.9	.1								4.8	5.2
NNW	.5	2.2	.4	.0	.0							3.1	4.9
VARBL													
CALM												18.1	
	10.9	49.2	19.3	3.5	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 7430

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)

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 000-023 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	5.1	1.7									[illegible]	5.3
NNE	1.4	7.3	2.1	.1								[illegible]	5.9
NE	1.2	8.4	4.0	.3								[illegible]	5.8
ENE	1.1	3.9	.6	.1								[illegible]	4.7
E	.7	2.2	.1									3.0	4.1
ESE	.1	.9										1.0	3.9
SE	.6	.7	.1									1.3	3.8
SSE	.2	.6										.8	3.9
S	.4	1.4										1.9	3.8
SSW	.4	1.3	.6	.1								2.1	5.7
SW	1.3	2.3	.9	.1								4.3	5.1
WSW	.9	3.3	.6	.3	.1							[illegible]	5.7
W	.7	3.8	.4									4.8	4.8
WNW	.7	1.6	.1									2.3	4.8
NW	.8	1.2	.3									2.3	4.3
NNW	.7	2.1	.2									2.9	4.5
VARBL													
CALM												29.8	
	12.3	45.0	11.7	1.1	.1							[illegible]	3.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72326 STATION — MCGHEE TYSON AIRPORT TN STATION NAME — 73-82 YEARS — SEP MONTH

ALL WEATHER CLASS

0700-0800 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	5.6	1.4	.1								7.8	5.3
NNE	1.1	6.1	2.1	.2								9.6	5.5
NE	3.1	10.6	3.3	.1								17.1	5.1
ENE	1.4	5.9	.7									8.0	4.6
E	.9	1.6	.1									2.4	3.9
ESE	.7	1.1										1.8	3.9
SE	.7	1.7	.1									1.4	4.2
SSE	.4	.3										.8	3.6
S	.8	.9										1.7	3.7
SSW	.5	.9	.2	.1								1.6	5.7
SW	.7	1.7	.1	.2								2.7	5.2
WSW	.4	2.1	1.1		.1							3.8	5.6
W	.3	2.3	.9	.1	.1							3.8	5.9
WNW	.2	.7										.9	4.1
NW	.6	1.1	.4									2.1	4.8
NNW	.6	1.3	.3									2.2	4.4
VARBL													
CALM												2.2	
	12.7	51.1	10.9	.8	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

3026

USAFETAC FORM JUL 66 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)

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 77-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1400-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.6	.7	.1								6.1	4.7
NNE	1.1	5.4	2.9	.8								10.2	6.1
NE	.9	11.0	5.2	.3								17.3	5.3
ENE	1.9	6.8	1.4	.1								10.2	4.8
E	1.6	1.7	.1									3.3	3.9
ESE	.6	1.6										2.1	3.9
SE	.2	1.2	.2									1.4	4.6
SSE	.3	.2										.4	3.6
S	.2	1.0										1.2	4.5
SSW	.6	1.4	.1	.1								2.2	4.8
SW	.8	2.2	.8	.1								3.9	5.5
WSW	.4	1.7	.7	.3								3.1	6.0
W	.1	1.7	.8									2.6	6.0
WNW	.1	.6	.1									.8	5.1
NW	.3	1.3	.3									2.0	4.9
NNW	.1	1.7	.1									1.9	4.9
VARBL													
CALM												11.1	
	10.8	42.8	17.8	1.9								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-63 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) 21C-11C (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	4.1	1.9									7.0	5.6
NNE	.6	3.3	4.1	.2								8.2	6.5
NE	1.7	6.2	7.1	1.8								16.8	6.9
ENE	.9	6.6	3.[illegible]	.8								[illegible].9	5.9
E	1.6	4.1	.3									6.[illegible]	4.8
ESE	.6	1.2										1.[illegible]	4.8
SE	.1	1.1	.2									1.9	4.9
SSE	.3	.7	.2									1.2	4.7
S	.8	1.9	.8									3.1	4.7
SSW	.6	1.4	.4									2.4	4.8
SW	.[illegible]	2.6	2.3	.4								[illegible].6	4.7
WSW	.8	3.9	3.2	.9								8.8	6.9
W	1.1	1.7	1.7	.1								4.6	5.7
WNW	.2	2.1	.2	.1								2.7	5.4
NW	.7	1.8	.4									2.9	4.8
NNW	.7	1.7	.3									2.7	4.9
VARBL													
CALM												14.1	
	11.9	48.7	26.0	3.7								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 800

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)

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 7?-8? (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1?00-14?? (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	[illegible]	3.2									[illegible]	5.6
NNE	.2	3.0	3.0	.6								6.8	7.1
NE	.6	3.8	6.1	1.6								12.[illegible]	[illegible]
ENE	.5	2.9	4.[illegible]	.3								7.8	6.7
E	.3	1.8	1.4									3.[illegible]	5.8
ESE	.1	1.3	.2									1.7	5.7
SE		.7	.3									1.[illegible]	5.7
SSE		.[illegible]	.1									1.[illegible]	5.2
S	.2	1.4	.4	.1								[illegible].2	5.8
SSW	.6	2.2	.8	.3								3.9	6.1
SW	.3	2.3	2.9	1.7								7.2	6.7
WSW	.2	3.3	5.1	.3								[illegible]	7.0
W	.9	5.6	4.3	.4								11.2	6.3
WNW	.4	4.1	1.9	.3								6.[illegible]	6.2
NW	.4	2.[illegible]	2.[illegible]									5.2	5.9
NNW	.6	3.4	1.6									5.6	5.6
VARBL													
CALM												5.8	
	6.6	[illegible].6	37.[illegible]	5.7								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]90[illegible]

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)

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) SEP (MONTHS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	7.7	4.1	.3								12.4	6.[illegible]
NNE	.2	1.7	2.2	.9								[illegible].[illegible]	8.1
NE	.7	4.3	3.6	1.2								9.8	7.3
ENE	.2	2.7	4.1	.8								7.8	7.5
E	.7	2.2	1.[illegible]	.1								3.7	5.8
ESE	.2	.7	.8	.1								1.8	6.7
SE	.1	.6	.6	.1								1.3	7.3
SSE	.1	.6	.7	.1								1.4	6.7
S		1.4	1.1	.2								2.8	6.4
SSW	.1	1.8	2.[illegible]	.7								4.6	7.[illegible]
SW	.7	3.2	2.7	.4	.1							6.[illegible]	6.8
WSW	.4	3.6	4.1	.8								8.6	6.8
W	.3	4.[illegible]	4.[illegible]	.2	.1							8.7	6.7
WNW		3.3	2.7	.2								6.2	6.6
NW	.8	3.9	4.1	.2								9.7	6.5
NNW	.8	4.[illegible]	1.7	.6								6.7	6.3
VARBL													
CALM												4.2	
	4.3	46.6	39.3	6.7	.2							100.[illegible]	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS 900

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)

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-6 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1500-2100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	9.6	5.1	.4								15.6	6.1
NNE	.2	5.1	2.6	.1								[illegible]	5.8
NE	.7	8.[illegible]	2.3	.7	.1							11.8	5.3
ENE	.7	6.2	2.1	.[illegible]								9.2	5.6
E	.[illegible]	2.1	.[illegible]									[illegible].1	5.[illegible]
ESE	.2	1.3	.2	.1								[illegible].3	5.[illegible]
SE	.3	1.2	.2	.2								[illegible]	5.6
SSE	.3	.8										1.1	4.1
S	.1	2.[illegible]	1.[illegible]	.1								[illegible].2	5.8
SSW	.[illegible]	3.1	1.3	.2								[illegible].[illegible]	5.7
SW	.7	4.6	1.4	.2								6.[illegible]	[illegible]
WSW	.7	4.[illegible]	.8									5.7	4.9
W	.[illegible]	3.6	.7									4.4	5.3
WNW	.[illegible]	2.7	1.[illegible]									4.[illegible]	5.[illegible]
NW	.9	3.4	.6									4.9	4.7
NNW	.[illegible]	3.4	.9	.1								4.8	5.5
VARBL													
CALM												7.[illegible]	
	6.[illegible]	61.8	20.9	2.4	.1							[illegible].[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS 899

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)

72204 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 77-82 (YEARS) (HOURS)

ALL WEATHER (CLASS) 1100-2200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	6.2	2.1	.1								[illegible]	5.7
NNE	.9	5.4	2.8	.3								9.4	6.1
NE	1.3	9.1	3.1	.8								14.[illegible]	5.7
ENE	1.7	5.2	.5									7.4	4.7
E	1.3	2.2	.2									3.[illegible]	4.1
ESE	.4	2.6	.1	.1								7.2	4.7
SE	.8	1.[illegible]	.6									2.3	4.3
SSE	.3	1.[illegible]										1.3	4.3
S	.2	1.4	.2	.1	.1							2.1	[illegible]
SSW	.8	1.4	.9									3.1	5.1
SW	1.0	8.3	.7		.1							10.1	4.9
WSW	.9	3.6	.6		.1							5.1	4.9
W	.1	3.1	.8		.1							4.1	5.6
WNW		1.2	.3									1.6	5.2
NW	.3	1.8	.1									2.2	4.7
NNW	.4	1.2	.1									1.8	4.8
VARBL													
CALM												27.3	
	11.1	50.8	13.1	1.5	.4							100.0	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13826 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (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	.9	5.8	2.5	.1								9.4	5.7
NNE	.7	4.6	2.7	.4								8.5	6.2
NE	1.2	7.7	4.3	.8	.0							14.1	6.2
ENE	1.1	5.1	2.1	.3								8.4	5.6
E	.9	2.2	.5	.0								3.6	4.7
ESE	.4	1.4	.2	.0								2.0	4.7
SE	.7	.9	.3	.0								1.9	5.1
SSE	.3	.6	.1	.0								1.0	4.7
S	.3	1.4	.4	.1	.0							2.3	5.3
SSW	.5	1.7	.8	.2								3.1	5.4
SW	.6	2.9	1.5	.4	.0							5.4	6.1
WSW	.6	3.2	2.0	.3	.0							6.2	6.2
W	.5	3.2	1.7	.1	.0							5.5	5.9
WNW	.3	2.0	.8	.1								3.2	5.6
NW	.6	2.2	1.0	.0								3.8	5.4
NNW	.5	2.3	.7	.1								3.6	5.4
VARBL													
CALM												14.5	
	9.5	47.3	21.6	2.9	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 7199

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

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

SURFACE WINDS

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

...26 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) ...-65 (YEARS) ...061 (MONTH)

ALL WEATHER (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	.6	4.7	2.6	.4								.5	..
NNE	.6	4.3	4.2									3.1	..4
NE	1.7	7.7	2.7									11..	..
ENE	1.3	4..	.4									5.7	..5
E	.5	1.5										2..	..3
ESE	.6	.5	.1	.1								1.3	4.4
SE	.3	1.3										1..	3..
SSE	.3	.1										.4	..5
S	.4	1.5	.5		.1							2.7	5..
SSW	.2	1.7	.3	.1								2.3	5.3
SW	.6	2.2	.6		.1							3..	5.7
WSW	.6	2.8	1.2	.6								5.3	6.2
W	.4	2.7	1.7	.5								5.4	6.7
WNW	.1	.9	.9	.5								2.4	7.7
NW	.5	1.3	.6									2..	5.2
NNW	.6	1.3	.3	.1								2.4	5..
VARBL													
CALM												12..	
	16.4	38.7	15.6	2.5	.2							1..0.2	5.7

TOTAL NUMBER OF OBSERVATIONS ...31..

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] STATION | SEATTLE TACOMA AIRPORT WA STATION NAME | [illegible] YEARS | [illegible] 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	.8	6.5	2.5	.2								[illegible]	[illegible]
NNE	.9	4.3	3.9	.7								[illegible]	[illegible]
NE	2.5	3.5	2.4	.1								1.4	[illegible]
ENE	2.8	5.7	.2									[illegible]	[illegible]
E	.5	2.2										[illegible]	[illegible]
ESE	.3	1.1										[illegible]	[illegible]
SE	.2	.4										[illegible]	[illegible]
SSE	.2	.2										[illegible]	[illegible]
S	.1	.3										[illegible]	[illegible]
SSW	.5	1.2	.5	.1								[illegible]	[illegible]
SW	.6	2.3	1.2	.3	.1							[illegible]	[illegible]
WSW	.9	2.	1.2	.8								[illegible]	[illegible]
W	.5	2.2	.5	.1								[illegible]	[illegible]
WNW	.1	1.3	.5									[illegible]	[illegible]
NW	.2	1.4	.2									[illegible]	[illegible]
NNW	.4	.3	.2									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	12.3	40.3	13.3	1.7	.3							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC
USAF CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

SURFACE WINDS

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

72-26 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-8 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1200-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	4.2	.9									5.6	5.1
NNE	.3	4.4	2.5	.7								7.8	6.1
NE	2.6	7.7	4.3	.3								14.5	5.7
ENE	2.4	5.1	.6									8.1	4.4
E	1.5	2.0										3.5	3.8
ESE	.3	1.2		.1								1.7	4.3
SE	.4	.3										.8	4.3
SSE	.1	.1										.2	4.1
S	.5	.3	.2									1.1	4.3
SSW	.7	1.3		.2								1.8	5.4
SW	.3	1.9	.5	.2								3.1	5.9
WSW	.5	2.4	1.2	.8								4.9	6.2
W	.2	1.9	1.6	.8								4.5	7.5
WNW		.9	.9	.2								1.9	7.1
NW	.2	.8	.3									1.3	5.1
NNW	.5	.8	.2	.2								1.7	5.8
VARBL													
CALM												35.7	
	11.9	36.1	13.2	3.7								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 673

USAFETAC FORM JUL 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)

[redacted] MCGHEE TYSON AIRPORT TN — 73-82 (YEARS) — JAN (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

(HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	4.5	2.2	.5								.8	5.6
NNE	.8	4.7	3.1	.4								2.1	6.2
NE	1.3	7.4	5.7	1.4								15.8	7.6
ENE	1.4	4.9	2.7	.7	.1							9.8	6.8
E	1.5	2.4	.6	.1								4.6	4.9
ESE	.6	.9		.1								1.6	4.4
SE	.5	.4	.1									1.2	4.1
SSE	.6	.5	.2									1.4	4.3
S	.7	1.7	.3	.1								2.7	5.7
SSW	.7	1.2	1.	.1								3.1	6.3
SW	.9	1.3	1.7	.8								4.2	6.9
WSW	.4	3.9	2.4	1.6								8.3	7.3
W	.7	2.6	2.8	.8	.1							7.6	7.4
WNW	.1	.9	1.3	.1								2.4	7.0
NW	.9	1.8	.5	.1								3.3	5.2
NNW	.1	1.7	.7									2.2	5.4
VARBL													
CALM												15.7	
	11.8	40.5	24.9	6.5	.2								5.3

TOTAL NUMBER OF OBSERVATIONS 330

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

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

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] 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	.8	4.7	2.8	.6								[illegible]	6.1
NNE	.3	3.2	2.8	.6								[illegible]	[illegible]
NE	.4	4.2	4.8	.9								[illegible]	[illegible]
ENE	1.1	3.4	2.7	.3	.1							[illegible]	6.2
E		1.[illegible]	.3	.2								[illegible]	5.5
ESE		.[illegible]	.2									.3	5.7
SE	.3	.5	.2	.1								.2	[illegible]
SSE	.2	.6		.2								[illegible]	5.6
S	.6	1.1	.5	.4								[illegible]	[illegible]
SSW	.1	1.8	2.[illegible]	.5								[illegible]	7.3
SW	.1	2.[illegible]	3.7	2.5	.2							[illegible]	[illegible]
WSW	.4	3.2	4.3	2.7	.6							11.3	[illegible]
W	1.[illegible]	[illegible].1	2.9	2.3								11.2	7.1
WNW	.1	2.6	1.8	.6								5.2	7.7
NW	.8	3.2	1.5	.5								[illegible]	6.1
NNW	.6	1.6	1.1									[illegible]	5.5
VARBL													
CALM												3.7	
	6.3	40.1	31.7	13.4	1.0							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72208 — STATION
MCGHEE TYSON AIRPORT TN — STATION NAME
7?-8? — YEARS
ALL WEATHER — CLASS
CONDITION
HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	6.2	5.0	.9								12.6	6.8
NNE	.4	3.5	2.6	.4								7.4	6.6
NE	.5	3.7	3.1	.2								7.5	6.3
ENE	.4	3.1	2.4	.3								6.2	6.6
E	.4	.9	1.0									2.3	5.9
ESE		1.0										1.0	4.7
SE	.1	.6	.2	.2								1.2	5.1
SSE	.1	.5	.6									1.3	5.4
S	.2	1.3	1.3	.3								3.1	6.7
SSW	.3	1.8	1.9	.4								4.5	6.9
SW	.2	2.2	3.8	1.5	.3							8.0	8.7
WSW	.5	2.6	4.2	2.3	.6							10.2	9.3
W	.6	4.4	4.1	1.7								10.8	7.6
WNW	.1	3.1	1.5	.6								5.4	6.6
NW	.9	4.3	1.3	.6	.1							6.2	6.2
NNW	.5	3.2	1.2	.1								5.1	5.6
VARBL													
CALM												0.5	
	6.3	42.4	38.3	9.7	1.1							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 928

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

...TAL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...DIA — MCGHEE TYSON AIRPORT TN — 73-... — ...CT
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER
CLASS

...-...C-...CH
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	4.2	4.8	1.4								11.2	7.1
NNE	.7	3.3	2.5	.4								.6	..
NE	.4	2.3	1.5									1.2	5.2
ENE	1.2	6.1	.9	.1								1..	5..
E	1.1	1.3	.5	.1								3..	4.8
ESE	.2	1.4										1.2	4.1
SE	.2	1.1	.2									1.5	4.8
SSE	.2	.5	.1									1.3	..
S	.3	2.4	.2	.1								3.0	..
SSW	.6	4..	1..	.1								5.7	..
SW	1.3	2.9	1.8	.6								6.7	..
WSW	.4	2.7	1..	1..	.1							5.2	7.2
W	.6	3..	2.7	.8								7.1	..
WNW	.2	1.5	1.7	.1								3.5	6.8
NW	.5	1.4	.9									2.8	5.7
NNW	.2	1.1	.8									2..	5.7
VARBL													
CALM												19.6	
	9.3	45.8	20.5	4.7	.1							1..0	..

TOTAL NUMBER OF OBSERVATIONS 630

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)

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) 1 (MONTH)

ALL WEATHER (CLASS) 1200-2400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.5	3.9	.5								7.1	7.5
NNE	.3	3.0	3.3	.1								6.7	6.6
NE	1.5	5.9	2.9									10.4	5.5
ENE	.6	4.6	.8									6.0	4.8
E	1.8	2.8										4.6	4.1
ESE	1.0	1.9										2.9	3.9
SE	1.7	1.6	.1									3.4	4.1
SSE	.3	.9		.3								1.5	5.1
S	.5	1.2	.4	.3	.1							2.5	6.2
SSW	1.3	2.2	.4									3.9	4.8
SW		3.7	1.2	.9								5.7	6.9
WSW	1.2	3.9	1.1	1.0								6.9	6.3
W	.9	2.8	1.2	.3								5.2	5.8
WNW	.2	1.6	.2	.4	.1							2.6	6.9
NW	.6	1.3	.2									2.2	4.3
NNW	.1	1.1	.8									1.6	5.7
VARBL													
CALM												27.6	
	11.3	40.9	14.2	3.8	.2							100.9	4.1

TOTAL NUMBER OF OBSERVATIONS 931

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

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72-26	MCGHEE TYSON AIRPORT TN	73-82	OCT
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	.7	4.6	3.1	.6								9.0	6.3
NNE	.6	4.1	3.1	.3								8.3	6.3
NE	1.4	6.6	3.4	.4								11.7	5.5
ENE	1.4	4.6	1.7	.1	.0							7.9	5.2
E	1.0	2.0	.3	.1								3.3	4.6
ESE	.5	1.0	.2	.0								1.8	4.3
SE	.5	.8	.1	.0								1.4	4.4
SSE	.3	.6	.1	.1								1.0	5.0
S	.4	1.2	.4	.2	.0							2.3	5.7
SSW	.4	1.5	.9	.2								3.0	5.9
SW	.5	2.4	1.8	.8	.1							5.7	7.3
WSW	.6	2.9	2.1	1.3	.2							7.1	7.9
W	.6	3.1	2.2	.9	.0							6.8	6.9
WNW	.1	1.6	1.1	.3	.0							3.2	6.8
NW	.6	1.9	.7	.2	.0							3.3	5.6
NNW	.4	1.3	.6	.1								2.5	5.8
VARBL													
CALM												12.3	
	11.0	47.6	21.2	5.6	.0							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 7430

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

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

SURFACE WINDS

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

72-75 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 72-80 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

[illegible] (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	4.8	1.7									7.4	[illegible]
NNE	.4	4.9	3.4	.2								[illegible]	[illegible]
NE	1.2	6.1	1.8									11.1	5.1
ENE	1.[illegible]	3.9	.7	.3								5.2	[illegible]
E	1.[illegible]	1.2	.1									2.3	3.9
ESE	.1	.7										.8	4.1
SE	1.[illegible]	.7	.1	.2								[illegible]	5.1
SSE	.6	.8	.3	.3	.2							2.2	7.3
S	.4	1.0	.4	.2								[illegible]	[illegible]
SSW	.4	1.1	.4	.2	.3							2.8	7.2
SW	.7	2.6	2.2	1.2	.3							7.1	7.9
WSW	.6	3.6	2.[illegible]	1.[illegible]	.1							7.2	7.[illegible]
W	.3	2.8	2.2	1.6								6.9	7.8
WNW	.1	1.1	.8	.4	.1							2.6	7.6
NW	.[illegible]	1.6	.6	.3								3.[illegible]	[illegible]
NNW	.6	1.2	.2									2.0	4.7
VARBL													
CALM												25.9	
	12.3	39.9	17.0	6.1	1.1							100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 906

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)

72206 MCGHEE TYSON AIRPORT TN 73-82 NAV
STATION STATION NAME YEARS MONTH

ALL WEATHER 0330-0530
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	.9	3.8	1.9	.1								6.7	5.9
NNE	.6	3.7	2.4									6.7	5.1
NE	1.8	6.7	3.0	.1								11.6	5.4
ENE	.9	4.6	1.6	.1								7.1	5.3
E	1.3	1.9	.2									3.9	4.1
ESE	.7	1.1	.1									1.9	3.6
SE	.4	.4		.1								1.0	3.3
SSE	.2	.9			.1							1.2	5.6
S	.3	.7	.7	.3	.1							2.1	7.6
SSW	.1	.9	.4	.8	.1							2.3	6.5
SW	.2	2.7	1.4	1.7	.7							6.7	9.1
WSW	.1	3.6	3.0	1.1	.2							8.0	7.7
W	.1	2.3	1.6	1.2								4.9	8.3
WNW	.3	.4	.7	.2	.1							1.7	7.9
NW	.4	1.8	.3	.3								2.9	6.1
NNW	.9	1.4	.2									2.6	4.3
VARBL													
CALM												29.3	
	9.2	36.4	17.6	6.1	1.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

3005

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)

72322	MCGHEE TYSON AIRPORT TN	73-82	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

0100-0800 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	4.7	2.1	.2								8.2	5.6
NNE	.5	4.2	3.0	.1								8.2	5.8
NE	1.3	6.6	3.4	.2								11.5	5.3
ENE	.6	4.6	1.2									6.5	5.3
E	1.2	2.3	.3									3.7	4.4
ESE	.2	.9	.1									1.2	4.5
SE	1.2	1.0	.1									2.3	3.8
SSE	.3	.4	.2	.1								1.1	5.3
S	.3	.6	.2	.2	.1							1.4	6.8
SSW	.1	1.0	.8	.2	.2							2.2	7.4
SW	.4	2.6	2.2	.8	.6	.2						6.3	6.8
WSW	.2	2.7	2.0	1.1	.1							6.2	7.5
W	.4	1.9	2.2	1.1								5.7	7.7
WNW		.2	.8	.2	.1	.1						2.3	8.9
NW	.2	1.3	.8	.4								2.8	6.6
NNW	.3	1.1	.2	.2	.1							2.3	6.1
VARBL													
CALM												27.9	
	9.3	36.6	19.8	5.0	1.1	.3						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 860

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] MCGHEE TYSON AIRPORT TN — [illegible] — HOUR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER

CLASS

CONDITION

[illegible] — 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	2.3	2.6	.3								[illegible]	[illegible]
NNE	1.0	2.9	[illegible]	.6								7.2	[illegible]
NE	1.1	7.8	7.7	.7								[illegible]	[illegible]
ENE	1.3	4.4	2.[illegible]	.3								[illegible]	[illegible]
E	1.2	2.3	.9									4.4	[illegible]
ESE	.2	1.4	.4									[illegible]	[illegible]
SE	.9	.6										1.[illegible]	[illegible]
SSE	.6	.2		.2								[illegible]	[illegible]
S	.[illegible]	1.4	.4	.6	.1							2.[illegible]	7.3
SSW	.2	1.1	.8	.7		.1						[illegible]	[illegible]
SW	.6	1.9	2.[illegible]	2.4	.2							[illegible]	[illegible]
WSW	.4	2.9	3.6	1.9	.2							[illegible]	[illegible]
W	.[illegible]	1.6	2.9	2.[illegible]								[illegible]	[illegible]
WNW	.2	.3	1.2	.8								[illegible]	[illegible]
NW	.3	1.2	.[illegible]	.1								[illegible]	[illegible]
NNW	.[illegible]	[illegible].4	.8									[illegible]	[illegible]
VARBL													
CALM												1[illegible].3	
	9.9	34.[illegible]	[illegible]9.[illegible]	10.6	.6	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] MCGHEE TYSON AIRPORT TN 77-82 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER 13-14
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	.7	3.1	1.7	.8								[illegible]	[illegible]
NNE	.2	2.7	3.7	.4								[illegible]	[illegible]
NE	.7	4.4	6.1	1.1								12.7	[illegible]
ENE	.4	2.7	1.9	.3								.3	[illegible]
E	.7	1.7	.9	.1								[illegible]	[illegible]
ESE	.2	.9		.1								1.2	[illegible]
SE	.7	.3										.1	[illegible]
SSE		.2	.7									.1	[illegible]
S		1.1	.7	.8	.2							[illegible]	[illegible]
SSW	.1	1.7	1.7	1.2	.6	.1						[illegible]	[illegible]
SW		.3	2.7	3.7	.8	.2						7.7	[illegible]
WSW	.3	1.9	3.8	3.3	.9							10.2	[illegible]
W	.8	1.8	4.6	3.8	.4							11.7	[illegible]
WNW	.8	1.7	1.9	1.4								[illegible]	[illegible]
NW	.7	1.9	1.2	.3								[illegible]	[illegible]
NNW	1.6	2.[illegible]	.4	.1								[illegible]	[illegible]
VARBL													
CALM												10.3	
	7.5	[illegible]	31.0	17.6	2.9	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 699

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

USAF CLIMATOLOGY [illegible]
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | [illegible] YEARS | [illegible] MONTH

ALL [illegible] 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	.4	2.2	2.6	.7								[illegible]	[illegible]
NNE	.4	2.7	2.[illegible]	.4								[illegible]	[illegible]
NE	1.[illegible]	4.4	6.1	.6								1.[illegible]	[illegible]
ENE	.3	2.[illegible]	1.4	.2								[illegible]	[illegible]
E	.4	1.7	.8									[illegible]	[illegible]
ESE	.2	.3	.1									[illegible]	[illegible]
SE	.1	.4	.1									[illegible]	[illegible]
SSE		.4	.1									[illegible]	[illegible]
S	.4	.[illegible]	.[illegible]	.8	.1							[illegible]	[illegible]
SSW	.1	1.[illegible]	1.6	.3	.1							[illegible]	[illegible]
SW	.2	1.6	4.4	2.[illegible]	1.[illegible]							[illegible]	[illegible]
WSW	.4	2.7	5.[illegible]	3.[illegible]	.6	.1						[illegible]	[illegible]
W	.4	2.7	4.[illegible]	2.[illegible]	.6							[illegible]	[illegible]
WNW	.[illegible]	2.3	2.6	1.4								[illegible]	[illegible]
NW	1.[illegible]	2.1	.7	.6	.2							[illegible]	[illegible]
NNW	.8	1.4	.9									[illegible]	[illegible]
VARBL													
CALM												1.[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

SURFACE WINDS

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

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | [illegible] YEARS | [illegible] 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	.7	3.6	3.4	.1								[illegible]	[illegible]
NNE	.3	3.1	2.7	.6								[illegible]	[illegible]
NE	.6	6.9	[illegible]	.2								[illegible]	[illegible]
ENE	.5	4.3	1.7	.1								[illegible]	[illegible]
E	1.2	2.3	.3	.1								[illegible]	[illegible]
ESE	.7	.7										[illegible]	[illegible]
SE	.2	.9		.2								[illegible]	[illegible]
SSE	.2	.7	.2	.3								[illegible]	[illegible]
S	.4	1.4	.3	.6	.1							[illegible]	[illegible]
SSW	.3	1.3	.9	.4								[illegible]	[illegible]
SW	.7	3.6	[illegible]	1.5								[illegible]	[illegible]
WSW	.7	3.9	2.6	.9								[illegible]	[illegible]
W	.6	3.4	[illegible]	1.4								[illegible]	[illegible]
WNW	.3	2.	[illegible]	.1								[illegible]	[illegible]
NW	.3	1.2	.9	.2								[illegible]	[illegible]
NNW	.6	1.6	.7	.1								[illegible]	[illegible]
VARBL												[illegible]	
CALM												[illegible]	
	9.3	[illegible]	25.2	7.4	.1							[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 7[illegible]-8[illegible] YEARS | [illegible] 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	1.0	3.9	2.6	.3								[illegible]	[illegible]
NNE	.6	4.3	4.0	.2	.1							.3	[illegible]
NE	1.[illegible]	[illegible]	2.9									[illegible]	[illegible]
ENE	.6	[illegible]	1.[illegible]	.2								[illegible]	[illegible]
E	1.[illegible]	1.4										[illegible]	[illegible]
ESE	.6	.4	.1									[illegible]	[illegible]
SE	1.3	.7	.2	.2								[illegible]	4.6
SSE	.6	1.3		.2								.3	5.1
S	.6	1.6		.2								.3	[illegible]
SSW	.6	1.3	1.[illegible]	.3	.1							.3	[illegible]
SW	.2	2.7	1.8	1.9	.6							[illegible]	[illegible]
WSW	.2	4.7	2.6	.4								[illegible]	[illegible]
W	.5	2.3	2.7	1.1		.1						[illegible]	[illegible]
WNW	.2	1.3	1.1	.3	.1							[illegible]	1.6
NW	.2	2.3	.7	.2								[illegible]	[illegible]
NNW	.3	1.4	.2		.1							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	9.6	37.9	[illegible]	5.4	1.0	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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)

KFFC / MCGHEE TYSON AIRPORT TN / [illegible] / NOV
STATION / STATION NAME / YEARS / MONTH

ALL WEATHER / ALL
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	2.6	2.3	.3								[illegible]	[illegible]
NNE	.5	3.6	3.2	.3	.1							[illegible]	[illegible]
NE	1.2	6.2	4.2	.4								1 [illegible]	[illegible]
ENE	.9	3.8	1.4	.2								[illegible].1	6.6
E	[illegible]	1.9	.4	.1								[illegible].3	4.7
ESE	.1	.2	.1	.1								1.[illegible]	4.4
SE	.3	.3	.1	.1								[illegible].[illegible]	4.5
SSE	.1	.6	.2	.2	.1							1.3	[illegible].3
S	.2	1.1	.4	.5	.1							2.4	7.4
SSW	.2	1.2	.9	.5	.2	.1						3.1	6.1
SW	.4	2.5	2.5	1.9	.5	.1						[illegible].6	8.9
WSW	.4	3.2	3.1	1.6	.3	.1						[illegible].[illegible]	8.[illegible]
W	.4	2.3	2.2	1.8	.1	.1						[illegible].6	8.4
WNW	.3	1.3	1.5	.8	.1	.1						3.[illegible]	7.9
NW	.2	1.7	.7	.3	.1							[illegible].2	6.3
NNW	.1	1.5	.5	.1	.1							2.7	5.2
VARBL													
CALM												13.3	
	9.1	35.9	24.3	8.9	1.3	.1						[illegible].[illegible]	5.5

TOTAL NUMBER OF OBSERVATIONS 7196

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] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-83 YEARS | [illegible] 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	1.3	6.1	3.3	.8								11.2	[illegible]
NNE	.5	5.5	2.9	.3								[illegible]	6.1
NE	1.2	6.3	1.9	.3								[illegible]	5.5
ENE	.9	5.3	.5									[illegible]	4.7
E	.7	1.3	.1									[illegible]	4.1
ESE	.3	.6										[illegible]	4.1
SE	.3	.3	.2									[illegible]	4.9
SSE	.4	.6	.2									[illegible]	4.6
S	.1	1.1	.3	.1	.1	.1						[illegible]	7.5
SSW	.2	1.5	.2	.3	.3							[illegible]	7.6
SW	.5	2.6	1.8	1.1	.6							[illegible]	8.1
WSW	.5	4.1	3.4	.5	.1							[illegible]	6.9
W	.4	3.1	3.4	1.4		.1						[illegible]	7.7
WNW	.4	1.6	1.7	1.0	.2							[illegible]	6.1
NW	.4	1.7	1.2	.1	.1							[illegible]	6.2
NNW	.3	1.1	.9									[illegible]	5.8
VARBL													
CALM												15.6	
	8.0	43.7	32.2	5.9	1.5	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

SURFACE WINDS

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

7...2E... STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 7...-6... YEARS | ...6 MONTH

ALL WEATHER 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	1.2	4.4	3.5	.8								1...	...6
NNE	1.3	4.3	2.8	.6								.7	7.7
NE	1.6	7.2	2.4	.3								11.5	5.3
ENE	1.1	4.5	.9	.2								.7	7.1
E	1.7	1.5	.1									3.3	4.0
ESE	.9	1.4	.1									.3	4.4
SE	.4	1.5										....	4.4
SSE	.1	.1	.1									.3	4.7
S	.6	.5	.5	.2	.2							.2	7.2
SSW	.7	1.9	.2	.2	.2	.1						.3	7.3
SW	.6	2.4	1.3	1.6	.3	.2						6.5	6.8
WSW	.9	3.3	3.1	1.3	.1							.7	7.3
W	.8	3.2	3.4	1.6								9.0	7.3
WNW	.3	.5	1.7	.8	.2							3.3	9.4
NW	.1	1.3	.3	.2								1.9	6.3
NNW	.9	1.5	.9									3.2	5.3
VARBL													
CALM												11.1	
	11.8	42.9	20.9	7.8	1.1	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS ...3...

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)

23324 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0000-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	4.6	2.9	.5	.1							[illegible]	[illegible]
NNE	.5	5.3	2.7	.4								[illegible]	[illegible]
NE	1.3	7.2	3.7	.3								11.[illegible]	[illegible]
ENE	1.1	5.6	1.[illegible]									[illegible]	[illegible]
E	.9	2.2	.2	.1								[illegible].3	4.5
ESE	.4	1.1	.2									1.[illegible]	4.5
SE	.2	.3		.1								[illegible].1	4.7
SSE	.2	.3										[illegible].1	4.7
S	.2	1.2	.2	.1								1.[illegible]	5.9
SSW	.4	1.5	.5	.1								2.[illegible]	5.5
SW	.5	2.6	1.9	1.6	.9							7.5	9.3
WSW	.4	3.0	3.2	1.1	.1							7.8	7.8
W	.4	3.2	2.7	1.5	.1							[illegible].[illegible]	7.5
WNW	.4	1.[illegible]	1.4	.5		.1						[illegible].7	7.8
NW	.5	1.2	1.[illegible]	.1								2.8	6.2
NNW	.2	1.1	1.1	.2								[illegible].6	6.7
VARBL													
CALM												1.2	
	9.2	43.7	32.7	6.8	1.2	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 71-85 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 07-13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.9	3.0	.5								8.3	6.5
NNE	.3	3.1	2.9	.8								7.1	6.9
NE	1.2	7.3	5.4	1.7								15.3	6.6
ENE	1.7	4.4	2.2	.4								8.7	5.5
E	1.7	2.3	.8	.2								4.9	5.3
ESE	.3	.5	.2									1.5	4.4
SE	.6	.3	.1	.1								1.0	4.3
SSE	.3	.2		.1								.6	5.3
S	.2	1.3	.2	.4	.1							1.9	7.8
SSW	.3	1.2	.4	1.0								2.9	8.2
SW	.4	1.7	1.9	2.6	.6	.1						7.4	11.1
WSW	.3	2.2	3.4	3.1	.2	.1						9.2	9.7
W	.9	2.2	1.9	2.2	.6							7.7	8.9
WNW	.2	1.9	1.2	.6								3.9	7.6
NW	.3	1.5	1.0	.3								3.1	6.9
NNW	.2	1.3	.9	.3								2.7	6.4
VARBL													
CALM												14.8	
	8.7	34.7	25.5	14.8	1.6	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 972

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

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] MCGHEE TYSON AIRPORT TN — 70-80 YEARS — OCT MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.8	2.3	.4								.7	6.7
NNE	.4	2.7	2.2	.5								5.8	6.7
NE	.6	4.5	5.2	.8								11.2	6.9
ENE	.4	2.3	1.8	.4								.5	6.1
E	.3	1.5	.3									2.2	4.1
ESE	.2	1.2	.1									1.6	4.5
SE	.2	.6	.2	.2								1.2	5.3
SSE		.4		.1	.1							.6	7.7
S	.2	1.1	.2	1.3								3.1	5.4
SSW	.2	1.2	1.2	.9	.1	.1						3.7	5.9
SW	.3	1.7	2.9	4.6	1.5	.1						11.3	11.1
WSW	.7	2.5	4.2	5.4	1.2							14.1	10.4
W	.6	3.1	2.9	2.8	.5							10.2	8.8
WNW	.3	1.7	1.5	1.3	.1							5.1	8.3
NW	.5	1.7	1.4	.3								4.1	6.6
NNW	.5	1.4	1.1	.4	.1							3.6	6.3
VARBL													
CALM												10.2	
	7.5	31.5	27.8	19.4	3.7	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 929

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

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

SURFACE WINDS

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

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | DEC MONTH

ALL WEATHER CLASS | 1200-1700 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	1.0	3.0	4.1	.9								9.7	8.7
NNE	.6	2.7	2.2									5.5	5.1
NE	.8	4.7	4.7	.5								10.3	6.5
ENE	.4	1.4	1.9	.6								4.3	6.7
E	.3	1.3	.6	.1								2.3	5.1
ESE	.7	.4	.3		.1							1.5	5.3
SE	.3	.5	.2									1.0	4.1
SSE		.1		.1								.2	4.5
S	.3	1.2	.8	.9	.1							3.2	5.1
SSW	.4	1.7	1.4	1.4	.1							5.3	5.6
SW	.3	1.3	2.6	3.1	.9	.1						8.4	7.6
WSW		3.2	5.6	5.9	.9							15.6	7.1
W	.4	3.7	4.1	3.9	.2							12.3	7.1
WNW	.1	1.0	1.1	1.1	.1							3.3	7.5
NW	.3	1.9	1.2	.8								4.2	6.8
NNW	.4	1.9	1.2	.2								3.6	5.8
VARBL													
CALM												12.7	
	5.3	30.6	31.7	19.2	2.8	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72226 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) 5-6 (MONTH)

ALL WEATHER (CLASS) 1210-1500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	4.1	2.8	1.0								8.9	7.1
NNE	.2	3.7	1.8	.8								6.5	6.4
NE	.9	8.1	2.2	.2								11.4	5.6
ENE	.3	4.5	1.0									5.7	5.3
E	.9	1.6	.3									2.7	4.7
ESE	.4	.9										1.3	4.1
SE	.3	.9										1.1	4.3
SSE	.3	.5	.2	.3								1.3	6.7
S	.4	1.3	.4	.2								2.3	5.4
SSW	.3	1.5	.8	.8	.3							3.5	6.2
SW	.5	3.7	2.8	1.4	.4							8.8	6.0
WSW	1.6	5.3	3.3	1.2	.3							11.7	6.8
W	.6	3.8	3.5	1.5								10.4	7.3
WNW	.1	1.7	1.8	2.2								5.8	9.2
NW	.8	1.5	.9	.5								3.7	6.6
NNW	.8	1.2	1.2	.1								3.2	5.9
VARBL													
CALM												12.4	
	9.2	53.7	23.4	10.2	1.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 970

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)

72606 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 72-82 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) 00-23 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	5.5	3.3	1.5	.2							[illegible]	[illegible]
NNE	.7	3.5	1.8	.2								[illegible]	[illegible]
NE	.9	7.1	2.7	.2								[illegible]	[illegible]
ENE	.7	4.2	.6									[illegible]	[illegible]
E	.3	1.4	.2									[illegible]	[illegible]
ESE	.3	1.										[illegible]	[illegible]
SE	.9	1.1	.1	.1								[illegible]	[illegible]
SSE	.5	1.1		.1								[illegible]	[illegible]
S	.6	1.1	.6	.2	.1							[illegible]	[illegible]
SSW	.5	1.7	.9	.1								[illegible]	[illegible]
SW	.5	1.8	2.3	1.6	.5							[illegible]	[illegible]
WSW	.5	4.1	4.1	1.5	.2							[illegible]	[illegible]
W	.3	2.6	4.2	1.5								[illegible]	[illegible]
WNW	.2	1.3	1.2	1.8	.2							[illegible]	[illegible]
NW	.4	1.5	1.1	.8	.1							[illegible]	[illegible]
NNW	.5	1.5	.5	.2								[illegible]	[illegible]
VARBL													
CALM												17.7	
	8.7	41.4	27.8	8.3	1.8							[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]

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)

72 CO	MEMPHIS INTERNATIONAL AIRPORT TN	73-82	JUL
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	1.2	4.4	3.2	.6	.1							9.5	5.6
NNE	.5	3.5	2.4	.4								6.8	5.3
NE	1.2	5.5	3.5	.6								10.8	5.1
ENE	.7	4.1	1.2	.2								6.2	5.0
E	.7	1.7	.3	.1								2.8	4.3
ESE	.2	.3	.1		.1							1.0	4.6
SE	.3	.2	.1	.1								1.0	4.4
SSE	.3	.4	.1	.1	.1							1.0	4.4
S	.4	1.0	.4	.4	.1	.1						2.3	7.2
SSW	.3	1.4	.7	.6	.1	.1						3.2	7.6
SW	.5	2.3	2.2	2.2	.7	.1						8.1	8.0
WSW	.6	3.5	3.8	2.8	.8	.1						10.7	8.5
W	.5	3.1	3.9	2.0	.2	.1						9.3	8.1
WNW	.2	1.4	1.3	1.2	.1	.1						4.2	8.7
NW	.4	1.5	1.7	.8	.2							4.6	8.6
NNW	.2	1.2	.6	.2	.1							2.3	8.1
VARBL													
CALM												11.2	
	8.6	38.3	24.7	11.5	1.7	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7436

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

SURFACE WINDS

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

...... (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) ..... (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	4.0	2.5	.4	.2							7.6	6.1
NNE	.2	3.4	2.5	.5	.1							6.8	6.4
NE	1.0	5.1	3.4	.6	.1							10.2	6.3
ENE	.2	3.7	1.4	.2	.0		.0					5.4	5.6
E	.2	1.3	.4	.1	.0							2.1	5.2
ESE	.3	.9	.3	.2	.0	.0						1.8	5.8
SE	.4	.6	.2	.1	.0	.0						.8	5.1
SSE	.3	.6	.2	.1	.0	.0						1.1	5.7
S	.4	1.4	.6	.3	.1	.0						2.8	5.6
SSW	.4	1.8	1.2	.6	.1	.0	.0					4.1	7.2
SW	.5	3.3	2.7	1.7	.4	.1	.0					8.8	6.3
WSW	.6	3.9	3.4	1.7	.3	.1	.0					10.2	7.9
W	.7	3.4	3.2	1.4	.2	.0	.0					8.8	7.7
WNW	.3	1.7	1.4	.7	.1	.0						4.1	7.5
NW	.5	2.2	1.2	.3	.0							4.2	6.3
NNW	.4	1.7	.6	.1	.0							2.8	5.6
VARBL													
CALM												15.6	
	6.5	47.7	25.2	9.6	1.3	.2	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7614

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

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

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

INSTRUMENT CLASS | [illegible] HOURS (L S T)

CIG [illegible] TO 1[illegible] FT W/ VSBY 1/2 MI OR MORE

AN/OR VSBY 1/2 TO 2-1/2 MI W/ TO [illegible] FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	4.9	3.2	.6	.1							.7	[illegible]
NNE	.7	3.9	2.4	.4								.[illegible]	[illegible]
NE	1.2	7.[illegible]	4.1	.8	.1							1.[illegible]	[illegible]
ENE	1.[illegible]	4.4	1.9	.7			.[illegible]					.[illegible]	[illegible]
E	.[illegible]	1.9	.[illegible]	.1								.[illegible]	[illegible]
ESE	.4	1.1	.7	.[illegible]	.[illegible]							.[illegible]	[illegible]
SE	.4	.5	.[illegible]	.[illegible]	.[illegible]							.[illegible]	[illegible]
SSE	.[illegible]	.[illegible]	.[illegible]	.[illegible]								.[illegible]	[illegible]
S	.9	1.[illegible]	.7	.1	.[illegible]							.[illegible]	[illegible]
SSW	.[illegible]	1.[illegible]	.7	.[illegible]	.[illegible]		.[illegible]					.[illegible]	[illegible]
SW	.[illegible]	2.[illegible]	1.[illegible]	.8	.1	.[illegible]						.4	[illegible]
WSW	.[illegible]	3.[illegible]	2.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]					.[illegible]	[illegible]
W	.6	3.1	2.8	1.2	.2	.[illegible]						.[illegible]	[illegible]
WNW	.4	1.[illegible]	1.1	.4	.1	.[illegible]						.[illegible]	[illegible]
NW	.4	2.1	.2	.2	.[illegible]							.[illegible]	[illegible]
NNW	.6	1.9	.8	.1	.[illegible]							.[illegible]	[illegible]
VARBL													
CALM												17.[illegible]	
	9.6	41.5	23.6	6.7	.7	.1	.[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]162

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. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥10 mi visibility category should be used with great caution.

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	≥ 1	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 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

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-87 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(SOURCE)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9C	≥9 GE9C	≥8 GE8C	≥7 GE6C	≥6 GE4S	≥5 GE4C	≥4 GE3C	≥3 GE2H	≥2½ GE2	≥2 GE1½	≥1¾ GE1¼	≥1½ GE1	≥1¼ GE⅞	≥1 GE⅝	≥⅞ GE½	≥0 GE0
NO CEILING	31.5	35.2	35.8	36.3	37.2	37.2	37.3	37.5	37.5	37.6	37.7	37.7	37.7	37.8	38.1	38.3
≥ 20000	34.1	38.1	38.8	39.4	40.2	40.2	40.3	40.5	40.5	40.6	40.9	40.8	40.8	40.9	41.1	41.3
≥ 18000	34.1	38.1	38.8	39.4	40.2	40.2	40.3	40.5	40.5	40.6	40.8	40.8	40.8	40.9	41.1	41.3
≥ 16000	34.2	38.2	38.9	39.5	40.3	40.3	40.4	40.6	40.6	40.8	40.9	40.9	40.9	41.0	41.2	41.4
≥ 14000	35.6	39.6	40.3	40.9	41.7	41.7	41.8	42.0	42.0	42.2	42.3	42.3	42.3	42.4	42.6	42.8
≥ 12000	37.0	41.0	41.7	42.4	43.2	43.2	43.3	43.5	43.5	43.7	43.8	43.8	43.8	43.9	44.1	44.3
≥ 10000	37.8	41.9	42.7	43.3	44.2	44.2	44.4	44.6	44.6	44.7	44.8	44.8	44.8	44.9	45.2	45.4
≥ 9000	39.9	44.3	45.1	45.9	46.8	46.8	47.0	47.2	47.2	47.3	47.4	47.4	47.4	47.5	47.7	48.0
≥ 8000	41.1	45.6	46.3	47.2	48.1	48.1	48.3	48.5	48.5	48.6	48.7	48.7	48.7	48.8	49.0	49.2
≥ 7000	43.7	48.5	49.2	50.1	51.0	51.0	51.2	51.4	51.4	51.5	51.6	51.6	51.6	51.7	51.9	52.2
≥ 6000	44.5	49.9	50.9	51.8	52.7	52.7	52.9	53.1	53.1	53.2	53.3	53.3	53.3	53.4	53.7	53.9
≥ 5000	47.1	53.3	54.3	55.4	56.3	56.3	56.7	56.9	56.9	57.0	57.1	57.1	57.1	57.2	57.4	57.6
≥ 4500	48.8	56.1	57.1	58.6	59.6	59.7	60.0	60.2	60.2	60.3	60.4	60.4	60.4	60.5	60.8	61.0
≥ 4000	50.6	58.7	59.7	61.2	62.2	62.3	62.6	62.8	62.8	62.9	63.0	63.0	63.0	63.1	63.3	63.5
≥ 3500	52.6	61.5	62.7	64.5	65.5	65.7	66.2	66.5	66.5	66.6	66.7	66.7	66.7	66.8	67.0	67.2
≥ 3000	54.6	64.7	65.9	68.2	69.1	69.4	70.1	70.2	70.2	70.5	70.6	70.6	70.6	70.8	71.0	71.2
≥ 2500	56.1	67.4	68.7	71.5	72.5	72.7	73.4	73.8	73.8	74.1	74.2	74.2	74.3	74.4	74.6	74.8
≥ 2000	57.2	70.0	71.4	74.7	75.7	75.9	76.8	77.1	77.1	77.5	77.6	77.6	77.7	77.8	78.1	78.3
≥ 1800	58.1	71.5	72.9	76.6	77.5	77.8	78.9	79.2	79.2	79.7	79.8	79.8	79.9	80.0	80.2	80.4
≥ 1500	58.5	72.8	74.3	78.0	79.0	79.4	80.4	80.8	80.8	81.2	81.3	81.3	81.4	81.5	81.7	81.9
≥ 1200	58.7	73.4	74.9	79.2	80.4	80.8	81.9	82.4	82.4	82.8	82.9	82.9	83.0	83.1	83.3	83.5
≥ 1000	58.8	74.1	75.6	80.0	81.4	81.7	83.0	83.7	83.7	84.3	84.4	84.4	84.5	84.6	84.8	85.1
≥ 900	59.0	75.2	76.8	81.2	82.9	83.4	84.7	85.4	85.4	86.0	86.1	86.1	86.2	86.3	86.6	86.8
≥ 800	59.5	75.8	77.4	81.8	83.7	84.2	85.6	86.3	86.3	87.0	87.1	87.1	87.2	87.3	87.5	87.7
≥ 700	59.5	76.5	78.3	82.9	84.9	85.5	87.1	87.7	87.8	88.8	88.9	88.9	89.2	89.4	89.6	89.8
≥ 600	59.5	76.6	78.5	83.1	85.3	85.8	87.5	88.3	88.4	89.4	89.5	89.5	89.8	89.9	90.1	90.3
≥ 500	59.5	76.7	78.8	83.4	85.8	86.3	88.6	89.6	89.7	90.8	90.9	90.9	91.2	91.3	91.5	91.7
≥ 400	59.5	76.9	79.1	84.1	86.8	87.3	90.2	91.6	91.7	92.8	92.9	92.9	93.5	93.7	93.9	94.1
≥ 300	59.5	76.9	79.1	84.2	87.2	87.7	90.8	92.7	92.8	94.3	94.7	94.7	95.6	95.7	95.9	96.1
≥ 200	59.5	76.9	79.1	84.3	87.3	88.0	91.1	93.0	93.1	95.2	95.6	95.6	96.6	96.7	96.9	97.1
≥ 100	59.5	76.9	79.1	84.3	87.4	88.1	91.4	93.3	93.7	96.1	96.6	96.6	98.1	98.2	98.8	99.4
≥ 0	59.5	76.9	79.1	84.3	87.4	88.1	91.4	93.3	93.7	96.1	96.6	96.6	98.1	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-87 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(NO. OF OBS) 7?0-0570

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE90	≥6 GE50	≥5 GE80	≥4 GE60	≥3 GE40	≥2 GE40	≥2 GE30	≥2 GE24	≥2 GE20	≥1 GE16	≥1 GE12	≥1 GE10	≥1 GE08	≥5/8 GE05	≥1/2 GE04	≥0 GE00
NO CEILING	27.2	30.4	31.0	32.0	33.0	33.0	33.4	33.9	33.9	34.1	34.1	34.1	34.5	34.5	34.5	34.8
≥ 20000	29.2	33.5	34.3	35.4	36.5	36.5	36.9	37.3	37.3	37.5	37.5	37.5	38.0	38.0	38.0	38.3
≥ 18000	29.6	33.9	34.6	35.7	36.8	36.8	37.2	37.6	37.6	37.8	37.8	37.8	38.3	38.3	38.3	38.6
≥ 16000	29.6	33.9	34.6	35.7	36.8	36.6	37.2	37.6	37.6	37.8	37.8	37.8	38.3	38.3	38.3	38.6
≥ 14000	30.5	34.8	35.6	36.6	37.8	37.8	38.3	38.7	38.7	38.9	38.9	38.9	39.4	39.4	39.4	39.7
≥ 12000	31.3	35.9	36.7	38.2	39.4	39.4	39.8	40.2	40.2	40.4	40.4	40.4	40.9	40.9	40.9	41.2
≥ 10000	31.8	36.6	37.3	38.9	40.1	40.1	40.5	41.1	41.1	41.3	41.3	41.3	41.7	41.7	41.7	42.0
≥ 9000	34.9	39.9	40.8	42.4	43.5	43.5	44.0	44.5	44.5	44.7	44.7	44.7	45.2	45.2	45.2	45.5
≥ 8000	35.8	40.9	41.7	43.3	44.5	44.5	44.9	45.5	45.5	45.7	45.7	45.7	46.1	46.1	46.1	46.5
≥ 7000	38.0	43.1	44.0	45.6	46.8	46.8	47.2	47.7	47.7	48.0	48.0	48.0	48.4	48.4	48.4	48.7
≥ 6000	39.9	45.5	46.7	48.4	49.6	49.6	50.0	50.5	50.5	51.0	51.0	51.0	51.4	51.4	51.4	51.7
≥ 5000	41.7	48.0	49.1	51.0	52.2	52.2	52.6	53.1	53.1	53.5	53.5	53.5	54.0	54.0	54.0	54.3
≥ 4500	43.3	50.2	51.6	53.5	54.7	54.7	55.3	55.8	55.8	56.3	56.3	56.3	56.8	56.8	56.9	57.2
≥ 4000	44.7	51.8	53.3	55.3	56.5	56.5	57.1	57.6	57.6	58.2	58.2	58.2	58.6	58.6	58.7	59.0
≥ 3500	46.8	55.1	56.6	59.2	60.4	60.4	61.2	61.7	61.7	62.3	62.3	62.3	62.7	62.7	62.9	63.1
≥ 3000	48.9	59.0	60.6	63.9	65.2	65.2	66.1	66.7	66.7	67.5	67.5	67.5	68.0	68.0	68.1	68.4
≥ 2500	51.9	64.2	66.0	70.1	71.4	71.4	73.1	73.5	73.5	74.4	74.4	74.4	74.8	74.8	74.9	75.3
≥ 2000	53.5	67.4	69.4	73.8	75.1	75.1	76.9	77.4	77.4	78.3	78.3	78.3	78.7	78.7	78.9	79.2
≥ 1800	53.8	68.3	70.2	75.1	76.6	76.6	78.4	79.0	79.0	79.9	79.9	79.9	80.3	80.3	80.5	80.9
≥ 1600	54.5	69.6	71.6	76.6	78.2	78.2	80.1	80.9	80.9	81.8	81.8	81.8	82.3	82.3	82.6	82.9
≥ 1400	55.5	71.2	73.3	78.4	80.1	80.1	82.0	82.8	82.8	83.8	83.8	83.8	84.2	84.2	84.5	84.9
≥ 1200	55.9	72.2	74.4	79.7	81.5	81.5	83.8	84.6	84.6	85.6	85.6	85.6	86.0	86.0	86.3	86.7
≥ 1000	56.3	73.0	75.4	80.8	82.6	82.7	85.3	86.5	86.5	87.4	87.4	87.4	87.8	87.8	88.2	88.5
≥ 900	56.3	73.5	75.9	81.3	83.1	83.2	85.8	87.1	87.1	88.1	88.1	88.1	88.5	88.5	88.8	89.1
≥ 800	56.3	74.0	76.5	82.0	84.0	84.1	87.0	88.3	88.3	89.2	89.2	89.2	89.8	89.8	90.1	90.4
≥ 700	56.3	74.3	76.8	82.4	84.3	84.4	87.4	88.7	88.7	89.7	89.7	89.7	90.2	90.2	90.5	90.9
≥ 600	56.3	74.4	77.0	82.6	84.7	84.9	88.2	89.5	89.5	90.5	90.5	90.5	91.2	91.2	91.5	91.8
≥ 500	56.3	74.6	77.2	82.9	85.4	85.8	89.4	91.1	91.1	92.5	92.5	92.5	93.4	93.4	93.8	94.2
≥ 400	56.3	74.7	77.3	83.1	86.0	86.7	90.6	92.6	92.6	94.8	94.9	94.9	96.2	96.2	96.6	97.0
≥ 300	56.3	74.7	77.3	83.2	86.1	86.8	91.0	93.1	93.1	95.7	95.8	95.8	97.1	97.1	97.8	98.5
≥ 200	56.3	74.7	77.3	83.2	86.1	86.8	91.3	93.5	93.5	96.1	96.5	96.5	98.0	98.0	98.9	99.8
≥ 100	56.3	74.7	77.3	83.2	86.1	86.8	91.3	93.5	93.5	96.1	96.5	96.5	98.0	98.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72326 MCGHEE TYSON AIRPORT TN 74-83 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE¾	≥¼ GE⅝	≥0 GE¼	<¼ LE
UNLTD	24.8	27.7	28.4	29.3	30.1	30.1	30.8	31.2	31.3	31.6	31.9	31.9	32.0	32.0	32.1	32.3
≥ 20000	27.0	30.1	31.1	32.2	33.2	33.3	34.1	34.4	34.6	34.9	35.1	35.1	35.3	35.3	35.4	35.6
≥ 18000	27.0	30.1	31.1	32.2	33.2	33.3	34.0	34.4	34.6	34.9	35.1	35.1	35.3	35.3	35.4	35.6
> 6000	27.0	30.1	31.1	32.2	33.2	33.3	34.0	34.4	34.6	35.0	35.2	35.2	35.5	35.5	35.6	35.8
≥ 5000	27.4	30.6	31.6	32.7	33.7	33.8	34.7	35.1	35.2	35.6	35.8	35.8	36.2	36.2	36.3	36.5
≥ 4500	29.0	32.2	33.3	34.8	35.8	36.0	36.8	37.2	37.4	37.8	38.1	38.0	38.3	38.3	38.4	38.6
≥ 4000	30.5	33.8	34.9	36.5	37.6	37.7	38.5	39.1	39.2	39.6	39.8	39.8	40.2	40.2	40.3	40.5
≥ 3500	32.2	36.0	37.4	39.2	40.3	40.4	41.2	41.9	42.	42.4	42.6	42.6	42.9	42.9	43.1	43.3
≥ 3000	33.4	37.6	39.0	40.8	41.9	42.0	42.8	43.5	43.6	44.	44.2	44.2	44.6	44.6	44.7	44.9
≥ 2500	35.4	39.7	41.3	43.2	44.5	44.6	45.5	46.2	46.3	46.7	46.9	46.9	47.3	47.3	47.4	47.6
≥ 2000	36.6	41.0	42.7	44.7	46.2	46.3	47.3	47.9	48.0	48.4	49.7	48.7	49.0	49.0	49.1	49.3
≥ 1800	37.9	43.1	45.0	47.0	48.5	48.7	49.6	50.3	50.4	51.8	51.0	51.2	51.3	51.3	51.5	51.7
≥ 1600	40.3	46.2	48.3	50.5	52.0	52.2	53.3	53.9	54.0	54.6	54.8	54.8	55.1	55.1	55.2	55.4
≥ 1400	41.4	46.1	50.4	52.9	54.4	54.6	55.7	56.3	56.4	56.9	57.2	57.2	57.5	57.5	57.6	57.8
≥ 1200	42.7	50.9	53.2	56.0	57.5	57.7	58.9	59.5	59.6	60.2	60.4	6.4	60.7	60.7	60.8	61.0
≥ 1000	45.2	54.8	57.1	60.2	61.7	62.0	63.3	63.9	64.0	64.6	64.8	64.8	65.1	65.1	65.2	65.4
≥ 900	48.0	60.2	62.6	66.7	68.2	68.6	70.0	70.7	70.9	71.5	71.7	71.7	72.1	72.1	72.3	72.6
≥ 800	50.2	63.6	66.4	70.9	72.6	72.9	74.3	75.1	75.2	76.0	76.2	76.2	76.7	76.7	77.1	77.3
≥ 700	50.4	65.0	68.1	73.0	74.7	75.0	76.5	77.5	77.6	78.4	78.7	78.7	79.2	79.2	79.5	79.8
≥ 600	50.6	65.7	68.8	74.0	75.7	76.0	77.5	78.5	78.6	79.4	79.8	79.8	80.4	80.4	80.8	81.1
≥ 500	52.0	67.4	70.6	76.0	77.9	78.5	80.1	81.2	81.3	82.6	82.9	82.9	83.7	83.7	84.2	84.4
≥ 400	52.7	68.5	71.9	77.3	79.3	80.0	81.9	83.3	83.4	84.7	85.0	85.0	86.1	86.1	86.5	86.8
≥ 300	52.9	68.9	72.4	77.9	80.2	80.8	82.8	84.4	84.5	85.8	86.1	86.1	87.2	87.2	87.7	87.9
≥ 200	52.9	69.2	72.9	78.6	80.9	81.6	83.5	85.1	85.3	86.8	87.1	87.1	88.2	88.2	88.7	88.9
≥ 100	52.9	69.3	73.0	78.7	81.3	82.0	84.7	85.6	85.7	87.3	87.6	87.6	88.7	88.7	89.2	89.5
≥ 0	52.9	69.8	73.5	79.7	82.2	83.0	85.3	86.9	87.0	88.6	89.0	89.0	90.1	90.1	90.6	90.9
	52.9	70.0	73.7	80.0	82.9	83.6	86.1	87.7	87.8	89.6	90.0	90.0	91.2	91.2	91.7	91.9
	53.0	70.2	74.3	81.1	84.1	84.8	87.3	89.0	89.1	91.3	92.0	92.0	93.2	93.2	93.8	94.0
	53.0	70.2	74.4	81.4	84.5	85.3	88.6	90.5	90.6	93.2	94.2	94.2	95.5	95.6	96.3	96.6
	53.0	70.2	74.4	81.5	84.6	85.4	88.7	90.7	90.9	93.5	94.7	94.7	96.0	96.1	97.1	97.8
	53.0	70.2	74.4	81.5	84.6	85.4	88.8	91.1	91.2	94.1	95.3	95.3	97.1	97.2	98.4	99.8
	53.0	70.2	74.4	81.5	84.6	85.4	88.8	91.1	91.2	94.1	95.3	95.3	97.1	97.2	98.5	0.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-82 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1930-1980 LST

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 GE9	GE8	GE7	GE6	GE5	GE4	GE3	GE2½	GE2	GE1½	GE1¼	GE1	GE¾	GE½	≥0 GE¼
NO CEILING	27.3	26.4	27.1	27.9	29.1	29.2	30.2	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.9	30.9
≥20000	27.1	31.1	32.1	33.2	34.7	34.8	36.2	36.4	36.4	36.6	36.7	36.7	36.8	36.8	37.	37.
≥ 8000	27.1	31.1	32.1	33.2	34.7	34.8	36.2	36.4	36.4	36.6	36.7	36.7	36.8	36.8	37.	37.
≥ 6000	27.1	31.1	32.1	33.5	35.0	35.1	36.5	36.7	36.7	36.9	37.0	37.0	37.2	37.2	37.5	37.5
≥ 4500	28.1	32.2	33.2	34.7	36.2	36.3	37.7	37.9	37.9	38.1	38.2	38.2	38.4	38.4	38.6	38.6
≥ 4000	28.8	34.0	35.1	36.7	38.2	38.3	39.7	39.9	39.9	40.2	40.3	40.3	40.5	40.5	40.7	40.7
≥ 3500	30.8	35.0	36.2	37.8	39.4	39.5	41.1	41.3	41.3	41.6	41.7	41.7	41.9	41.9	42.1	42.1
≥ 3000	31.8	36.1	37.2	39.1	40.7	40.8	42.4	42.6	42.6	42.8	42.9	42.9	43.2	43.2	43.4	43.4
≥ 2500	32.5	36.9	38.1	40.0	41.7	41.8	43.4	43.6	43.6	43.8	43.9	43.9	44.1	44.1	44.3	44.3
≥ 2000	35.0	39.5	40.9	42.8	44.5	44.6	46.2	46.4	46.4	46.6	46.7	46.7	46.9	46.9	47.1	47.1
≥ 1800	36.7	41.3	42.9	45.2	46.9	47.0	48.7	48.9	48.9	49.1	49.2	49.2	49.4	49.4	49.6	49.6
≥ 1500	38.8	43.5	45.2	47.6	49.5	49.8	51.7	52.0	52.0	52.2	52.3	52.3	52.5	52.5	52.7	52.7
≥ 1400	40.7	45.7	47.7	50.4	52.2	52.5	54.4	54.7	54.7	54.9	55.0	55.0	55.2	55.2	55.5	55.5
≥ 1200	41.8	47.3	49.3	52.1	54.0	54.5	56.4	56.8	56.8	57.1	57.2	57.2	57.4	57.4	57.8	57.8
≥ 1000	43.8	50.7	52.9	55.7	58.0	58.4	60.5	60.9	60.9	61.1	61.2	61.2	61.5	61.5	61.9	61.9
≥ 900	45.5	53.5	55.8	59.1	61.6	62.3	64.5	65.2	65.2	65.4	65.6	65.6	65.8	65.8	66.2	66.2
≥ 800	47.7	57.3	59.6	63.4	66.2	67.0	69.5	70.4	70.4	70.6	70.7	70.7	70.9	70.9	71.4	71.4
≥ 700	49.4	61.4	63.8	68.8	72.1	73.1	76.0	77.5	77.5	77.7	77.8	77.8	78.0	78.	78.5	78.5
≥ 600	49.9	62.5	65.7	70.3	73.7	74.7	77.8	79.3	79.3	79.8	79.9	79.9	80.3	80.3	80.7	80.7
≥ 500	50.5	63.4	66.2	72.0	75.8	77.0	80.2	81.7	81.7	82.3	82.8	82.8	83.3	83.3	83.7	83.7
≥ 450	50.6	64.3	67.3	73.5	77.7	79.1	82.5	84.1	84.1	84.7	85.1	85.1	85.7	85.7	86.1	86.1
≥ 400	50.8	64.8	67.9	74.4	78.8	80.3	84.3	85.9	85.9	86.7	87.2	87.2	87.8	87.8	88.3	88.3
≥ 350	50.9	65.1	68.2	74.7	79.1	80.6	84.7	86.3	86.3	87.1	87.6	87.6	88.3	88.3	88.7	88.7
≥ 300	50.9	65.1	68.5	74.9	79.4	80.9	85.4	87.1	87.1	87.8	88.5	88.5	89.1	89.1	89.6	89.6
≥ 250	50.9	65.1	68.7	75.3	80.2	81.8	86.3	88.1	88.1	88.8	89.5	89.5	90.1	90.1	90.5	90.5
≥ 200	51.0	65.4	69.0	75.7	80.5	82.2	87.2	88.9	88.9	89.8	91.0	91.0	91.6	91.6	92.0	92.0
≥ 150	51.0	65.4	69.0	75.7	80.8	82.6	87.5	89.5	89.5	90.5	91.7	91.7	92.7	92.7	93.1	93.1
≥ 100	51.0	65.6	69.1	75.9	81.1	82.9	88.1	90.3	90.4	91.9	93.2	93.2	94.2	94.2	94.6	94.6
≥ 070	51.0	65.6	69.1	75.9	81.1	83.0	89.0	91.3	91.4	93.3	94.8	94.8	95.9	95.9	96.3	96.4
≥ 050	51.0	65.6	69.1	75.9	81.1	83.0	89.1	91.7	91.8	94.0	95.6	95.6	96.9	96.9	97.3	97.5
≥ 030	51.0	65.6	69.1	75.9	81.1	83.0	89.1	91.8	91.9	94.4	96.0	96.0	97.5	97.5	98.7	99.1
≥ 000	51.0	65.6	69.1	75.9	81.1	83.0	89.1	91.8	91.9	94.6	96.2	96.2	97.7	97.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.0	≥6 EQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥¼ GE.8	≥5/16 GE.5	≥¼ GE.4	≥0 GE0
≥ CEILING	27.6	31.0	31.4	32.6	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 20000	32.6	37.1	38.0	39.5	40.1	40.1	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 18000	32.7	37.2	38.1	39.6	40.2	40.2	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 16000	32.7	37.2	38.2	39.8	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 14000	33.1	37.7	38.7	40.3	41.0	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 12000	34.3	39.2	40.3	42.0	42.8	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 10000	35.4	40.3	41.4	43.1	43.9	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 9000	36.2	41.2	42.4	44.1	44.8	44.8	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 8000	37.2	42.2	43.3	45.1	45.9	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 7000	39.2	44.5	45.7	47.5	48.4	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 6000	41.0	46.9	48.1	49.9	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 5000	43.0	49.6	50.8	52.9	54.1	54.1	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 4500	45.2	52.0	53.4	55.8	57.1	57.2	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 4000	46.0	52.9	54.4	56.9	58.2	58.4	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 3500	47.7	55.7	57.3	59.8	61.1	61.4	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 3000	50.1	58.9	60.6	63.3	65.2	65.5	66.3	66.8	66.9	67.0	67.0	67.0	67.0	67.1	67.2	67.2
≥ 2500	52.5	62.8	64.7	67.6	69.8	70.2	71.2	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2000	55.3	68.8	71.4	74.9	77.5	78.1	79.6	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1800	55.5	70.5	73.3	77.0	79.6	80.1	81.7	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1600	56.1	71.8	74.6	78.3	80.9	81.4	83.1	83.7	83.8	84.1	84.2	84.2	84.3	84.3	84.3	84.3
≥ 1400	56.5	72.6	75.5	79.4	82.3	82.9	84.6	85.3	85.4	85.9	86.1	86.2	86.2	86.2	86.2	86.2
≥ 1200	56.7	73.5	76.7	80.9	83.8	84.6	86.8	87.5	87.6	88.2	88.3	88.3	88.5	88.5	88.5	88.5
≥ 1000	56.7	73.5	76.7	80.9	83.8	84.6	86.8	87.6	87.7	88.4	88.5	88.5	88.7	88.7	88.7	88.7
≥ 900	56.7	73.7	76.9	81.1	84.0	84.8	87.1	88.1	88.2	88.8	89.0	89.0	89.2	89.2	89.2	89.2
≥ 800	56.7	73.7	77.1	81.6	84.6	85.6	88.1	89.1	89.2	89.9	90.1	90.1	90.3	90.3	90.3	90.3
≥ 700	56.7	73.8	77.2	81.8	84.9	86.1	88.9	90.1	90.2	91.1	91.3	91.3	91.5	91.5	91.5	91.5
≥ 600	56.7	73.8	77.2	81.9	85.2	86.8	90.1	91.8	91.9	92.8	93.3	93.3	93.5	93.5	93.5	93.5
≥ 500	56.7	73.8	77.2	81.9	85.4	87.0	90.4	92.2	92.4	93.5	94.5	94.5	94.8	94.8	94.9	94.9
≥ 400	56.7	73.8	77.2	81.9	85.4	87.0	90.5	92.9	93.1	94.8	95.9	95.9	96.5	96.5	96.6	96.7
≥ 300	56.7	73.8	77.2	81.9	85.4	87.0	91.2	93.9	94.1	96.2	97.4	97.4	98.3	98.5	98.7	98.8
≥ 200	56.7	73.8	77.2	81.9	85.4	87.0	91.2	93.9	94.1	96.6	97.7	97.7	98.9	99.1	99.6	99.9
≥ 100	56.7	73.8	77.2	81.9	85.4	87.0	91.2	93.9	94.1	96.6	97.7	97.7	98.9	99.1	99.6	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 930

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

72526 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-87 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 0-1700 (HOUR G.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.0	≥9 GE9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2 GE4.0	≥2 GE3.2	≥1 1/2 GE2.4	≥1 1/4 GE2.0	≥1 GE1.6	≥ 7/8 GE1.2	≥ 5/8 GE1.0	≥ 1/2 GE0.8	≥ 3/8 GE0.6	≥ 1/4 GE0.4	≥0 GE0.2
NO CEILING	33.3	36.0	36.3	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 20000	39.0	43.0	43.5	44.3	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000	39.2	43.4	44.0	44.7	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 16000	39.4	43.5	44.1	44.8	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 14000	39.7	43.9	44.4	45.3	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 12000	41.4	45.8	46.5	47.4	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 11000	42.7	47.4	48.1	49.0	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 10000	43.7	48.4	49.2	50.0	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000	44.2	49.0	49.7	50.6	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 8000	46.1	51.0	51.6	52.6	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 7000	48.0	53.1	53.8	54.7	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 6000	51.5	57.2	57.8	58.8	59.1	59.1	59.2	59.2	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5
≥ 5000	53.4	59.5	60.2	61.5	61.8	61.8	61.9	61.9	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4500	54.8	60.9	61.6	62.9	63.2	63.2	63.3	63.3	63.3	63.5	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4000	57.3	64.0	64.9	66.2	66.8	66.8	67.1	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3500	59.7	67.0	68.2	69.6	70.1	70.1	70.4	70.4	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3000	61.9	70.1	71.5	73.0	73.9	74.2	74.5	74.6	74.6	74.8	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	64.2	74.6	76.3	78.5	79.5	79.8	80.2	80.3	80.3	80.5	80.8	80.8	80.9	80.9	80.9	80.9
≥ 2000	64.4	75.5	77.5	79.7	80.8	81.2	81.6	81.7	81.7	81.9	82.2	82.2	82.3	82.3	82.3	82.3
≥ 1800	64.6	76.2	78.3	80.5	81.8	82.3	82.8	83.0	83.0	83.3	83.5	83.5	83.7	83.7	83.7	83.7
≥ 1600	65.1	77.8	79.9	82.5	84.0	84.4	85.1	85.3	85.3	85.6	85.8	85.8	86.0	86.0	86.0	86.0
≥ 1400	65.1	78.2	80.4	83.3	84.9	85.4	86.3	86.6	86.6	87.0	87.2	87.2	87.5	87.5	87.5	87.5
≥ 1200	65.1	78.4	80.6	83.8	85.6	86.1	87.3	87.5	87.5	88.0	88.2	88.2	88.6	88.6	88.6	88.6
≥ 1000	65.1	78.5	80.9	84.2	86.1	86.8	88.5	88.7	88.7	89.2	89.5	89.5	89.9	89.9	89.9	89.9
≥ 900	65.1	78.6	81.0	84.3	86.3	87.0	89.1	89.5	89.5	90.2	90.4	90.4	90.9	90.9	90.9	90.9
≥ 800	65.1	78.7	81.1	84.5	86.6	87.2	89.8	90.4	90.4	91.3	91.5	91.5	92.0	92.0	92.0	92.0
≥ 700	65.1	78.9	81.3	84.7	86.9	87.5	90.3	91.1	91.1	92.5	92.8	92.8	93.3	93.3	93.3	93.3
≥ 600	65.1	78.9	81.3	84.7	87.3	88.0	91.2	92.3	92.3	94.1	94.4	94.4	95.2	95.2	95.2	95.2
≥ 500	65.1	78.9	81.3	84.7	87.4	88.1	91.5	93.0	93.1	95.8	96.3	96.3	97.2	97.3	97.3	97.4
≥ 400	65.1	78.9	81.3	84.7	87.4	88.1	91.9	93.4	93.5	96.7	97.2	97.2	98.4	98.7	99.1	99.4
≥ 300	65.1	78.9	81.3	84.7	87.4	88.1	92.0	93.5	93.7	96.8	97.3	97.3	98.6	98.9	99.2	99.6
≥ 200	65.1	78.9	81.3	84.7	87.4	88.1	92.1	93.5	93.7	96.8	97.3	97.3	98.6	98.9	99.2	100.0
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-67 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000 (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (GT90)	≥6 (EQ90)	≥5 (GE80)	≥4 (GE65)	≥3 (GE48)	≥2½ (GE40)	≥2 (GE32)	≥1¾ (GE24)	≥1½ (GE20)	≥1 (GE16)	≥¾ (GE12)	≥½ (GE10)	≥⅜ (GE08)	≥5/16 (GE05)	≥¼ (GE04)	≥0 (GE00)
≥ UNLIMITED	36.3	38.7	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	41.4	44.5	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 18000	41.6	44.8	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 14000	41.6	44.8	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 12000	42.3	45.6	46.2	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 10000	44.3	47.6	48.3	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 9000	46.3	49.8	50.5	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 8000	47.0	51.2	51.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 7000	47.8	52.3	53.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3
≥ 6000	49.1	53.6	54.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9
≥ 5000	50.1	55.1	56.2	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2
≥ 4500	52.3	57.5	58.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9
≥ 4000	55.9	61.5	62.6	63.7	63.9	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4
≥ 3500	57.1	63.2	64.3	65.5	65.7	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2
≥ 3000	59.5	66.1	67.3	68.8	69.2	69.2	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.8	69.8
≥ 2500	61.1	68.9	70.1	72.2	72.8	72.8	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5
≥ 2000	63.3	72.0	73.7	75.7	76.5	76.7	77.2	77.6	77.6	77.8	77.8	77.8	77.8	77.8	78.0	78.0
≥ 1800	65.1	74.5	76.1	78.9	79.9	80.1	80.6	91.1	81.1	81.5	81.5	81.5	81.5	81.5	81.6	81.6
≥ 1400	65.4	75.5	77.1	79.9	81.0	81.1	81.8	82.3	82.3	82.8	82.8	82.8	82.8	82.8	82.9	82.9
≥ 1200	65.7	76.5	78.2	81.2	82.2	82.4	83.1	83.5	83.5	84.1	84.1	84.1	84.1	84.1	84.2	84.2
≥ 1000	65.7	77.4	79.2	82.3	83.2	83.4	84.3	84.8	84.8	85.4	85.4	85.4	85.5	85.5	85.6	85.6
≥ 900	65.7	78.1	80.1	83.5	84.6	84.8	86.2	86.9	86.9	87.6	87.7	87.7	87.8	87.8	88.1	88.1
≥ 800	65.7	78.2	80.4	84.2	85.4	85.6	87.2	87.8	87.8	88.6	88.7	88.7	88.8	88.8	89.2	89.2
≥ 700	65.7	78.4	80.8	84.7	85.9	86.1	88.1	88.7	88.7	89.7	89.8	89.8	89.9	89.9	90.1	90.1
≥ 600	65.7	78.5	81.0	85.1	86.3	86.6	88.5	89.2	89.2	90.4	90.5	90.5	90.6	90.6	90.9	90.9
≥ 500	65.7	78.5	81.1	85.2	86.7	87.0	89.1	90.0	90.0	91.5	91.6	91.6	91.7	91.7	91.9	91.9
≥ 400	65.7	78.5	81.2	85.5	87.2	87.5	91.0	91.0	91.0	93.1	93.2	93.2	93.3	93.3	93.5	93.5
≥ 300	65.7	78.5	81.3	85.8	88.1	88.5	91.3	92.6	92.6	95.7	96.0	96.0	96.3	96.3	96.7	96.7
≥ 200	65.7	78.5	81.3	85.8	88.1	88.5	91.6	93.0	93.0	96.7	97.0	97.0	97.4	97.5	98.0	98.0
≥ 100	65.7	78.5	81.3	85.8	88.1	88.5	91.6	93.2	93.5	97.5	97.8	97.8	98.5	98.6	99.1	99.1
≥ 0	65.7	78.5	81.3	85.8	88.1	88.5	91.7	93.3	93.7	97.7	98.1	98.1	98.7	98.8	99.2	99.2
	65.7	78.5	81.3	85.8	88.1	88.5	91.7	93.3	93.7	97.8	98.2	98.2	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-82 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01 0-2300 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.0	≥6 GE9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.0	≥2 GE3.0	≥1½ GE2.4	≥1 GE2.0	≥¾ GE1.6	≥½ GE1.2	≥¼ GE1.0	≥⅛ GE0.8	≥0 GE0.5	≥0 GE0.4	≥0 GE
UNLIMITED	36.7	40.0	40.7	41.0	41.0	41.0	41.2	41.2	41.3	41.3	41.3	41.4	41.4	41.4	41.4
≥ 20000	39.9	43.9	44.2	44.6	44.8	44.8	44.8	45.1	45.1	45.2	45.2	45.2	45.3	45.3	45.3	45.3
≥ 18000	40.0	44.0	44.3	44.9	44.9	44.9	44.9	45.2	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.4
≥ 14000	40.0	44.0	44.3	44.9	44.9	44.9	44.9	45.2	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.4
≥ 12000	41.2	45.2	45.5	46.1	46.1	46.1	46.1	46.3	46.3	46.5	46.5	46.5	46.6	46.6	46.6	46.6
≥ 10000	43.2	47.3	47.6	48.4	48.4	48.4	48.4	48.6	48.6	48.6	48.7	48.7	48.8	48.8	48.8	48.8
≥ 9000	45.1	49.1	49.4	50.2	50.2	50.2	50.2	50.4	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 8000	46.0	50.5	50.9	51.9	51.9	51.9	51.9	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4
≥ 7000	47.0	51.5	51.8	52.9	52.9	52.9	52.9	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3
≥ 6000	47.8	53.1	53.4	54.8	54.8	54.8	54.8	55.1	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3
≥ 5000	49.7	55.5	56.0	57.3	57.3	57.3	57.3	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
≥ 4500	51.2	57.4	58.1	59.4	59.4	59.4	59.4	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8
≥ 4000	53.1	61.1	62.2	63.9	64.0	64.2	64.3	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7
≥ 3500	55.1	63.2	64.3	66.2	66.3	66.6	66.7	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1
≥ 3000	57.6	66.6	67.6	69.7	69.8	70.1	70.2	70.4	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.6
≥ 2500	58.5	68.5	69.6	71.6	71.7	72.0	72.3	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8
≥ 2000	60.5	71.6	73.1	76.2	76.5	76.8	77.2	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8
≥ 1800	61.7	74.7	76.3	80.2	80.5	80.9	81.3	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0
≥ 1600	62.2	76.1	77.8	81.8	82.2	82.5	83.1	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 1400	62.4	76.8	78.5	82.7	83.0	83.3	84.0	84.5	84.5	84.7	84.7	84.7	84.9	84.9	84.9	84.9
≥ 1200	62.7	77.8	79.6	84.4	84.7	85.2	85.9	86.6	86.6	86.8	86.8	86.8	87.2	87.2	87.2	87.2
≥ 1000	62.7	78.5	80.5	85.4	85.7	86.1	87.1	87.8	87.8	88.1	88.1	88.1	88.5	88.5	88.5	88.5
≥ 900	62.7	78.8	81.0	85.9	86.2	86.7	88.0	88.7	88.7	88.9	88.9	88.9	89.4	89.4	89.4	89.4
≥ 800	62.7	79.1	81.4	86.6	87.0	87.5	88.9	90.0	90.0	90.4	90.4	90.4	90.9	90.9	90.9	90.9
≥ 700	62.7	79.1	81.5	86.9	87.3	88.1	89.6	90.8	90.8	91.2	91.2	91.2	91.6	91.6	91.6	91.6
≥ 600	62.7	79.2	81.6	87.3	87.7	88.5	90.1	91.4	91.4	91.9	91.9	91.9	92.4	92.4	92.4	92.4
≥ 500	62.7	79.2	81.7	87.6	88.5	89.4	91.1	92.6	92.6	93.3	93.3	93.3	93.8	93.8	93.8	93.8
≥ 400	62.7	79.4	81.8	88.1	89.1	90.0	92.0	94.2	94.2	95.2	95.2	95.2	95.6	95.6	95.6	95.6
≥ 300	62.7	79.4	81.9	88.2	89.5	90.4	92.8	95.1	95.1	96.5	96.5	96.5	96.9	96.9	96.9	96.9
≥ 200	62.7	79.4	81.8	88.2	89.6	90.5	93.3	95.8	95.9	97.5	97.5	97.5	98.2	98.2	98.2	98.2
≥ 100	62.7	79.4	81.8	88.2	89.6	90.5	93.3	95.8	96.1	97.8	98.1	98.1	99.1	99.1	99.2	99.2
≥ 0	62.7	79.4	81.8	88.2	89.6	90.5	93.3	95.8	96.1	97.8	98.1	98.1	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

723265 MCGHEE TYSON AIRPORT TN 74-77 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)

CEILING (FEET)	≥10 GT9.1	≥6 GE6.0	≥5 GE5.0	≥4 GE4.0	≥3 GE3.0	≥2½ GE2.5	≥2 GE2.0	≥1½ GE1.5	≥1¼ GE1.25	≥1 GE1.0	≥¾ GE.75	≥½ GE.50	≥¼ GE.25	< ¼ LT.25
UNL	30.1	33.2	33.7	34.5	35.0	35.2	35.3	35.5	35.5	35.7	35.7	35.7	35.8	35.8	35.9	36.1
20000	33.8	37.7	38.4	39.3	39.9	39.9	40.2	40.5	40.5	40.6	40.7	40.7	40.8	40.8	40.9	41.1
18000	33.9	37.8	38.6	39.4	40.1	40.1	40.5	40.7	40.7	40.8	40.9	40.9	41.0	41.0	41.0	41.1
16000	33.9	37.9	38.6	39.5	40.2	40.2	40.5	40.8	40.8	40.9	41.0	41.0	41.1	41.1	41.2	41.3
14000	34.7	38.7	39.5	40.5	41.1	41.1	41.5	41.7	41.7	41.9	41.9	41.9	42.0	42.1	42.1	42.2
12000	36.2	40.4	41.2	42.4	43.0	43.1	43.4	43.6	43.6	43.8	43.8	43.8	44.0	44.0	44.1	44.2
11000	37.5	41.7	42.6	43.8	44.5	44.5	44.9	45.1	45.2	45.3	45.4	45.4	45.5	45.5	45.6	45.7
10000	39.0	43.4	44.3	45.7	46.4	46.4	46.8	47.1	47.1	47.2	47.3	47.3	47.4	47.4	47.5	47.6
9000	39.9	44.5	45.4	46.8	47.5	47.5	47.9	48.2	48.2	48.3	48.4	48.4	48.5	48.5	48.6	48.7
8000	41.8	46.7	47.6	49.1	49.8	49.8	50.3	50.5	50.5	50.7	50.7	50.7	50.8	50.9	50.9	51.0
7000	43.3	48.5	49.6	51.1	52.0	52.0	52.4	52.6	52.7	52.8	52.9	52.9	53.0	53.0	53.1	53.2
6000	45.4	51.2	52.4	54.0	54.9	54.9	55.4	55.7	55.7	55.9	55.9	55.9	56.1	56.1	56.2	56.3
5000	47.6	54.0	55.4	57.2	58.2	58.3	58.9	59.1	59.2	59.4	59.5	59.5	59.6	59.6	59.7	59.8
4500	49.0	55.8	57.2	59.1	60.1	60.2	60.8	61.1	61.1	61.4	61.4	61.4	61.6	61.6	61.7	61.8
4000	51.7	58.8	60.7	62.5	63.5	63.7	64.5	64.8	64.8	65.0	65.1	65.1	65.2	65.2	65.4	65.4
3500	53.6	61.9	63.5	66.0	67.2	67.4	68.3	68.6	68.7	69.0	69.1	69.1	69.2	69.2	69.3	69.4
3000	55.3	65.7	67.5	70.5	71.9	72.2	73.5	73.7	73.8	74.1	74.2	74.2	74.3	74.4	74.5	74.6
2500	57.1	69.4	71.4	75.1	76.6	77.0	78.2	78.8	78.8	79.2	79.3	79.3	79.5	79.5	79.7	79.8
2200	57.4	70.6	72.8	76.7	78.2	78.6	80.0	80.6	80.6	81.1	81.2	81.2	81.4	81.4	81.6	81.7
2000	57.9	71.6	73.8	77.9	79.6	80.0	81.4	82.1	82.1	82.6	82.8	82.8	83.0	83.1	83.2	83.3
1800	58.3	72.7	75.1	79.5	81.3	81.8	83.3	84.0	84.1	84.7	84.8	84.8	85.2	85.2	85.4	85.5
1600	58.6	73.5	75.9	80.6	82.5	83.1	84.9	85.8	85.9	86.5	86.7	86.7	87.1	87.1	87.3	87.4
1400	58.7	73.9	76.4	81.2	83.2	83.8	85.8	86.8	86.8	87.5	87.7	87.7	88.1	88.1	88.4	88.5
1200	58.7	74.2	76.8	81.6	83.8	84.4	86.6	87.6	87.7	88.5	88.7	88.7	89.1	89.1	89.3	89.4
1000	58.7	74.3	77.1	82.1	84.4	85.1	87.4	88.5	88.6	89.5	89.7	89.7	90.2	90.2	90.4	90.5
900	58.7	74.5	77.3	82.5	84.8	85.5	88.2	89.3	89.4	90.4	90.7	90.7	91.2	91.2	91.4	91.5
800	58.7	74.6	77.5	82.7	85.3	86.1	89.0	90.3	90.4	91.6	92.0	92.0	92.5	92.5	92.8	92.8
700	58.7	74.7	77.7	83.1	85.9	86.8	90.0	91.7	91.7	93.4	93.8	93.8	94.5	94.6	94.8	94.9
600	58.7	74.7	77.7	83.2	86.1	87.1	90.7	92.6	92.7	94.9	95.5	95.5	96.4	96.5	96.7	96.9
500	58.7	74.7	77.7	83.2	86.2	87.1	91.0	93.1	93.3	95.8	96.5	96.5	97.5	97.6	98.0	98.3
400	58.7	74.7	77.7	83.2	86.2	87.2	91.1	93.3	93.5	96.2	96.9	96.9	98.3	98.4	99.0	99.5
300	58.7	74.7	77.7	83.2	86.2	87.2	91.1	93.3	93.5	96.2	97.0	97.0	98.3	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7436

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72259 MCGHEE TYSON AIRPORT TN 74-87 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-2359

VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)

CEILING (HUNDREDS OF FEET)	LT 0	GE 0	GE 1/8	GE 1/4	GE 1/2	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
CLR	37.6	41.7	42.6	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
100	42.0	44.9	46.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
200	42.0	44.9	46.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
300	42.1	45.1	46.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
400	41.3	46.2	47.3	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
500	42.4	47.4	49.6	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
600	43.3	48.2	49.4	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	50.5	50.5	50.5	50.5	50.5
700	44.7	50.0	51.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
800	45.0	52.4	53.7	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
900	48.8	54.5	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
1000	50.1	56.3	57.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
1100	52.4	58.0	61.0	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.1	63.1
1200	55.6	63.1	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7
1400	56.6	64.1	66.5	68.1	68.1	68.1	68.3	68.4	68.4	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.3	69.3	69.3	69.3
1600	58.0	66.5	69.1	70.8	70.9	70.9	71.2	71.3	71.3	71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2
1800	59.9	69.3	72.3	74.1	74.2	74.2	74.5	74.6	74.6	74.6	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5	75.5	75.5	75.5
2000	61.9	72.8	76.1	77.9	78.4	78.4	78.6	79.1	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.9	79.9	79.9	79.9
2200	62.9	75.9	80.2	82.6	83.5	83.5	83.7	84.2	84.2	84.2	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.2	85.2	85.2	85.2
2500	63.1	77.1	81.3	84.3	85.1	85.1	85.3	85.7	85.7	85.7	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.9	86.9	86.9	86.9
2800	63.6	78.1	82.6	85.8	86.6	86.6	86.9	87.4	87.4	87.4	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.5	88.5	88.5	88.5
3000	63.6	78.5	83.2	87.5	88.3	88.4	88.8	89.5	89.5	89.5	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.7	90.7	90.7	90.7
3500	63.7	79.1	83.9	88.4	89.2	89.4	89.7	90.4	90.4	90.4	91.1	91.3	91.3	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7
4000	63.8	79.2	84.6	89.4	90.2	90.4	90.8	91.5	91.5	91.5	92.2	92.3	92.3	92.4	92.4	92.4	92.8	92.8	92.8	92.8	92.8
4500	63.8	79.4	84.9	89.6	90.9	91.0	91.4	92.2	92.2	92.2	92.9	93.0	93.1	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6
5000	63.8	79.6	85.0	90.0	91.0	91.1	91.5	92.4	92.6	92.6	93.3	93.4	93.5	93.6	93.6	93.6	94.0	94.0	94.0	94.0	94.0
5500	63.8	79.7	85.2	90.2	91.5	91.6	92.1	93.3	93.5	93.5	94.3	94.4	94.6	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0
6000	63.8	79.8	85.3	90.3	91.8	92.0	92.6	93.7	94.1	94.1	95.2	95.4	95.5	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0
6500	63.8	79.8	85.3	90.3	92.1	92.3	92.9	94.2	94.6	94.6	95.7	96.0	96.1	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6
7000	63.8	79.8	85.3	90.3	92.3	92.6	93.3	94.7	95.2	95.2	96.5	96.7	96.8	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4
7500	63.8	79.8	85.3	90.3	92.3	92.6	93.7	95.2	95.6	95.6	97.2	97.5	97.6	97.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5
8000	63.8	79.8	85.3	90.3	92.3	92.6	93.7	95.2	95.7	95.7	97.5	97.9	98.1	98.3	98.3	98.9	99.0	99.0	99.0	99.0	99.0
8500	63.8	79.8	85.3	90.3	92.3	92.6	93.7	95.2	95.7	95.7	97.5	98.0	98.1	98.6	98.6	99.2	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 696

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 MCGHEE TYSON AIRPORT TN 74-87 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2500

VISIBILITY (STATUTE MILES) / CEILING (HUNDREDS OF METERS)

CEILING (HUNDREDS OF METERS)	≥10 (≥16.0)	≥6 (≥9.7)	≥5 (≥8.0)	≥4 (≥6.4)	≥3 (≥4.8)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥0.8)	≥¼ (≥0.4)	≥0 (≥0.0)
≥22000	33.6	37.8	38.6	39.1	39.1	39.1	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥20000	35.4	39.8	40.6	41.1	41.1	41.1	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥18000	35.7	40.2	41.0	41.5	41.5	41.5	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.	42.1	42.1
≥16000	36.0	40.5	41.4	41.8	41.8	41.8	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥14000	36.3	41.5	42.3	42.9	42.9	42.9	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥12000	39.2	42.7	43.5	44.1	44.1	44.1	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥11000	39.5	44.5	45.4	46.1	46.1	46.1	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥10000	41.8	47.6	48.6	49.5	49.5	49.5	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥9000	43.4	49.5	51.7	51.5	51.5	51.5	51.9	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥8000	45.0	51.3	52.5	53.3	53.3	53.3	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥7000	46.2	52.6	54.4	55.5	55.5	55.5	55.9	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥6000	48.6	56.1	58.2	59.5	59.5	59.5	60.0	60.5	60.5	60.7	60.7	60.7	60.8	60.8	60.8	60.8
≥5000	50.5	59.4	61.6	63.4	63.4	63.4	63.9	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7
≥4500	52.3	61.3	63.7	65.6	65.9	65.9	66.4	67.2	67.2	67.5	67.5	67.5	67.8	67.8	67.8	67.8
≥4000	53.3	62.8	65.4	67.7	67.9	67.9	68.6	69.3	69.3	69.7	69.7	69.7	69.9	69.9	69.9	69.9
≥3500	56.3	67.7	70.4	73.0	73.2	73.2	73.9	74.6	74.6	75.0	75.0	75.2	75.2	75.2	75.2	75.2
≥3000	57.3	70.1	73.1	75.7	76.4	76.4	77.1	77.8	77.8	78.2	78.2	78.2	78.4	78.4	78.4	78.4
≥2500	58.4	73.6	77.4	81.2	82.0	82.0	82.9	83.8	83.8	84.2	84.2	84.2	84.5	84.5	84.5	84.6
≥2000	59.9	74.8	79.8	82.9	83.8	83.8	84.7	85.7	85.7	86.1	86.1	86.1	86.4	86.4	86.4	86.5
≥1800	59.4	75.9	80.2	84.6	85.7	85.7	86.6	87.6	87.6	88.0	88.0	88.3	88.3	88.3	88.3	88.4
≥1600	59.5	76.7	81.4	86.3	87.1	87.1	88.0	89.1	89.1	89.6	89.6	89.6	89.9	89.9	89.9	90.0
≥1400	59.5	77.0	82.0	87.1	88.0	88.0	89.0	90.0	90.0	90.5	90.5	90.5	90.9	90.9	90.9	91.0
≥1200	59.5	77.0	82.0	87.3	88.4	88.4	89.3	90.5	90.5	91.0	91.0	91.0	91.4	91.4	91.4	91.5
≥1000	59.6	77.1	82.1	87.9	89.0	89.0	89.9	91.1	91.1	91.6	91.6	91.6	91.9	91.9	91.9	92.1
≥900	59.6	77.1	82.1	88.2	89.2	89.2	90.2	91.4	91.4	91.9	91.8	91.8	92.2	92.2	92.2	92.3
≥800	59.6	77.4	82.3	88.4	89.5	89.5	90.5	92.1	92.1	92.7	92.7	92.7	93.0	93.0	93.0	93.1
≥700	59.6	77.4	82.3	88.7	90.0	90.2	91.2	93.1	93.6	94.2	94.2	94.2	94.5	94.5	94.5	94.7
≥600	59.6	77.5	82.5	88.9	90.4	90.4	91.6	93.8	94.3	95.0	95.0	95.4	96.0	96.0	96.0	96.1
≥500	59.6	77.5	82.6	89.0	90.6	90.8	92.1	94.7	95.1	96.0	96.3	96.4	97.2	97.2	97.2	97.3
≥400	59.6	77.5	82.6	89.0	90.6	90.8	92.7	95.4	95.9	96.7	97.2	97.3	98.1	98.1	98.2	98.3
≥300	59.6	77.5	82.6	89.0	90.6	90.8	92.7	95.4	95.9	96.7	97.3	97.4	98.6	98.6	98.7	99.6
0	59.6	77.5	82.6	89.0	90.6	90.8	92.7	95.4	95.9	96.7	97.5	97.6	98.8	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 944

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

[illegible] MOSHEF TYSON AIRPORT TN [illegible] 74-87 [illegible]
WBAN STATION NAME YEARS [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)

CEILING (FEET) OR (HUNDREDS OF METERS)	≥10	7	5	4	3	2½	2	1½	1	¾	½	¼	0
[illegible]	72.	35.7	38.7	38.1	39.[illegible]	[illegible]	38.5	[illegible]	38.[illegible]	39.1	39.1	[illegible]	[illegible]
[illegible]	34.5	38.8	39.4	41.1	41.[illegible]	41.7	41.6	41.8	41.[illegible]	42.2	42.[illegible]	42.2	42.4	42.4	[illegible]
[illegible]	34.5	38.8	39.4	41.1	41.3	41.3	41.6	41.8	41.6	42.2	42.[illegible]	42.2	42.4	42.4	[illegible]
[illegible]	34.6	38.9	39.[illegible]	41.2	41.4	41.4	41.7	42.[illegible]	42.[illegible]	42.3	42.7	42.3	42.6	42.6	[illegible]
[illegible]	35.6	41.2	42.[illegible]	42.7	42.8	42.8	43.1	43.4	43.4	43.7	43.[illegible]	43.7	44.[illegible]	44.[illegible]	44.1
[illegible]	36.3	41.4	42.1	43.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.6	44.6	44.9	44.9	44.9	45.2	45.2	[illegible]
[illegible]	37.6	42.6	43.3	45.[illegible]	45.[illegible]	45.[illegible]	45.6	45.9	45.[illegible]	46.2	46.[illegible]	46.2	46.5	46.5	[illegible]
[illegible]	39.[illegible]	44.4	45.5	47.4	47.6	47.6	48.[illegible]	48.2	48.[illegible]	48.5	48.[illegible]	48.6	48.8	48.8	[illegible]
[illegible]	39.7	45.4	46.6	48.5	48.7	48.7	49.2	49.4	49.4	49.8	49.9	49.8	[illegible]	[illegible]	[illegible]
[illegible]	41.[illegible]	47.2	48.[illegible]	50.6	50.7	50.7	51.3	[illegible]1.5	51.5	51.[illegible]	51.[illegible]	51.[illegible]	[illegible]2.1	[illegible]2.1	[illegible]
[illegible]	43.5	[illegible]5.2	52.[illegible]	54.1	54.4	54.4	55.1	[illegible]5.3	[illegible]5.[illegible]	[illegible]5.7	[illegible]5.[illegible]	[illegible]5.7	[illegible]5.[illegible]	[illegible]5.[illegible]	[illegible]6.[illegible]
[illegible]	46.7	[illegible]4.4	[illegible]6.3	[illegible]8.4	[illegible]8.6	[illegible]8.6	[illegible]9.[illegible]	[illegible]9.2	[illegible]9.[illegible]	[illegible]6.[illegible]	[illegible]7.[illegible]	[illegible]6.[illegible]	[illegible]1.[illegible]	[illegible]1.1	[illegible]
[illegible]	48.5	[illegible]7.[illegible]	[illegible]9.[illegible]	[illegible]1.3	[illegible]1.7	[illegible]1.7	[illegible]2.[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]4.1	[illegible]4.1	[illegible]4.1	[illegible]4.4	[illegible]4.4	[illegible]
[illegible]	49.9	[illegible]8.7	[illegible]1.[illegible]	[illegible]3.2	[illegible]3.6	[illegible]3.6	[illegible]4.[illegible]	[illegible]5.[illegible]	[illegible]5.6	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.4	[illegible]6.4	[illegible]
[illegible]	[illegible]1.2	[illegible]0.5	[illegible]0.[illegible]	[illegible]5.[illegible]	[illegible]5.5	[illegible]5.5	[illegible]6.[illegible]	[illegible]7.5	[illegible]7.[illegible]	[illegible]8.1	[illegible]8.1	[illegible]8.1	[illegible]8.4	[illegible]8.4	[illegible]
[illegible]	[illegible]4.4	[illegible]5.[illegible]	[illegible]7.[illegible]	[illegible]9.[illegible]	[illegible]9.7	[illegible]9.7	[illegible]2.1	[illegible]2.9	[illegible]3.[illegible]	[illegible]3.6	[illegible]3.6	[illegible]3.6	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible]
[illegible]	[illegible]5.[illegible]	[illegible]8.6	[illegible]7.[illegible]	[illegible]4.1	[illegible]5.2	[illegible]5.2	[illegible]6.[illegible]	[illegible]7.4	[illegible]7.[illegible]	[illegible]8.1	[illegible]8.1	[illegible]8.1	[illegible]8.5	[illegible]8.5	[illegible]
[illegible]	[illegible]6.[illegible]	[illegible]1.[illegible]	[illegible]3.[illegible]	[illegible]7.2	[illegible]8.5	[illegible]8.5	[illegible]9.[illegible]	[illegible]0.9	[illegible]1.1	[illegible]1.7	[illegible]1.[illegible]	[illegible]1.7	[illegible]2.3	[illegible]2.[illegible]	[illegible]2.4
[illegible]	[illegible]7.[illegible]	[illegible]1.2	[illegible]4.[illegible]	[illegible]7.9	[illegible]9.2	[illegible]9.2	[illegible]0.[illegible]	[illegible]1.6	[illegible]1.[illegible]	[illegible]2.4	[illegible]2.4	[illegible]2.4	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]3.1
[illegible]	[illegible]7.1	[illegible]2.6	[illegible]5.[illegible]	[illegible]9.9	[illegible]1.2	[illegible]1.2	[illegible]3.[illegible]	[illegible]3.9	[illegible]4.2	[illegible]4.8	[illegible]4.8	[illegible]4.8	[illegible]5.[illegible]	[illegible]5.[illegible]	[illegible]5.[illegible]
[illegible]	[illegible]7.[illegible]	[illegible]4.[illegible]	[illegible]7.[illegible]	[illegible]1.7	[illegible]3.[illegible]	[illegible]3.2	[illegible]5.[illegible]	[illegible]6.4	[illegible]6.6	[illegible]7.2	[illegible]7.2	[illegible]7.2	[illegible]8.[illegible]	[illegible]8.3	[illegible]8.4
[illegible]	[illegible]7.8	[illegible]4.3	[illegible]7.[illegible]	[illegible]2.2	[illegible]3.7	[illegible]3.8	[illegible]6.1	[illegible]7.5	[illegible]7.[illegible]	[illegible]8.3	[illegible]8.[illegible]	[illegible]8.3	[illegible]9.4	[illegible]9.4	[illegible]
[illegible]	[illegible]8.[illegible]	[illegible]5.1	[illegible]9.[illegible]	[illegible]3.2	[illegible]4.8	[illegible]4.9	[illegible]7.1	[illegible]8.5	[illegible]8.9	[illegible]9.4	[illegible]9.5	[illegible]9.5	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]
[illegible]	[illegible]8.2	[illegible]5.4	[illegible]9.4	[illegible]3.8	[illegible]5.[illegible]	[illegible]5.7	[illegible]7.9	[illegible]9.4	[illegible]9.[illegible]	[illegible]0.2	[illegible]0.3	[illegible]0.3	[illegible]1.4	[illegible]1.4	[illegible]
[illegible]	[illegible]8.2	[illegible]5.7	[illegible]0.7	[illegible]4.8	[illegible]6.4	[illegible]6.6	[illegible]9.1	[illegible]9.5	[illegible]9.[illegible]	[illegible]1.5	[illegible]1.6	[illegible]1.6	[illegible]2.7	[illegible]2.7	[illegible]
[illegible]	58.2	75.7	79.7	85.1	[illegible]7.0	[illegible]7.5	[illegible]9.0	[illegible]1.8	[illegible]2.1	[illegible]3.0	[illegible]3.4	[illegible]3.4	[illegible]4.6	[illegible]4.6	[illegible]
[illegible]	58.2	75.7	79.8	85.5	[illegible]7.4	[illegible]7.9	[illegible]9.[illegible]	[illegible]2.7	[illegible]3.[illegible]	[illegible]4.0	[illegible]4.3	[illegible]4.3	[illegible]5.6	[illegible]5.6	[illegible]
[illegible]	58.2	76.0	[illegible]0.1	[illegible]6.1	[illegible]8.1	[illegible]8.8	[illegible]2.1	[illegible]4.1	[illegible]4.4	[illegible]5.4	[illegible]5.7	[illegible]5.9	[illegible]7.3	[illegible]7.3	[illegible]
[illegible]	58.2	76.0	[illegible]0.1	[illegible]6.1	[illegible]8.1	[illegible]8.9	[illegible]2.6	[illegible]4.6	[illegible]4.9	[illegible]6.1	[illegible]6.5	[illegible]6.6	[illegible]8.2	[illegible]8.2	[illegible]
[illegible]	58.2	76.1	[illegible]0.3	[illegible]6.2	[illegible]8.2	[illegible]9.1	[illegible]2.8	[illegible]4.8	[illegible]5.3	[illegible]6.5	[illegible]6.9	[illegible]7.0	[illegible]8.7	[illegible]8.7	[illegible]
[illegible]	58.2	76.1	[illegible]0.3	[illegible]6.2	[illegible]8.2	[illegible]9.1	[illegible]2.9	[illegible]4.9	[illegible]5.4	[illegible]6.6	[illegible]7.2	[illegible]7.3	[illegible]9.1	[illegible]9.2	[illegible]
	58.2	76.1	80.3	86.2	88.2	89.1	92.9	94.9	95.4	96.6	97.2	97.3	99.1	99.2	99.5

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] MCGHEE TYSON AIRPORT TN 74-87 [redacted]
STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[redacted]

VISIBILITY STATUTE MILES

CEILING (HUNDREDS OF METERS)

	≥10	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥22	39.5	38.4	36.0	37.9	38.6	38.8	39.2	39.6	39.8	39.9	40.2	40.2	40.2	40.2	40.2
≥20	41.9	39.5	41.7	42.6	43.7	43.6	44.5	44.5	44.5	44.6	44.7	44.7	44.7	44.7	44.7
≥18	41.9	39.6	41.8	42.7	43.4	43.7	44.6	44.6	44.6	44.7	44.9	44.9	44.9	44.9	44.9
≥16	42.0	39.8	42.0	42.8	43.6	43.8	44.7	44.7	44.7	44.9	45.0	45.0	45.0	45.0	45.0
≥14	42.4	40.5	42.7	43.6	44.3	44.5	45.4	45.4	45.4	45.6	45.7	45.7	45.7	45.7	45.7
≥12	43.8	41.9	43.1	45.1	45.8	46.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2
≥11	44.4	42.6	43.9	45.8	46.5	46.7	47.8	47.8	47.8	47.9	48.1	48.2	48.2	48.2	48.2
≥10	46.1	44.5	45.8	47.8	48.5	48.8	49.9	49.8	49.8	49.9	50.1	50.1	50.1	50.1	50.1
≥9	46.7	45.4	46.7	48.6	49.5	49.7	50.8	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0
≥8	47.4	46.6	47.9	49.1	50.8	51.2	52.4	52.4	52.4	52.5	52.7	52.7	52.7	52.7	52.7
≥7	49.3	47.6	49.0	51.2	52.0	52.7	54.0	54.0	54.0	54.1	54.2	54.2	54.2	54.2	54.2
≥6	52.5	52.4	54.1	56.8	57.6	58.3	59.9	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1
≥5	53.7	54.1	56.1	59.5	61.4	61.1	62.7	62.7	62.8	63.0	63.1	63.1	63.1	63.1	63.1
≥4½	55.6	56.6	58.5	62.1	63.0	63.7	65.7	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2
≥4	57.9	58.9	61.0	64.6	65.9	66.7	68.8	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.2
≥3½	60.9	62.1	63.9	68.3	69.7	71.7	73.1	73.1	73.4	73.7	73.8	73.8	73.8	73.8	73.8
≥3	62.1	65.1	67.0	71.8	73.5	74.6	77.2	77.2	77.5	78.1	78.1	78.3	78.3	78.3	78.3
≥2½	63.1	67.9	69.9	76.6	77.8	78.8	81.7	81.9	82.4	82.8	83.0	83.0	83.2	83.2	83.2
≥2	63.8	69.3	71.6	77.9	79.8	81.8	83.7	83.9	84.5	85.1	85.1	85.3	85.3	85.3	85.3
≥1¾	64.1	70.4	72.8	79.2	81.5	82.7	85.3	86.2	86.7	87.2	87.3	87.3	87.7	87.7	87.7
≥1½	64.6	71.8	74.6	81.2	83.7	85.1	88.3	88.9	89.5	89.9	90.1	90.1	90.4	90.4	90.4
≥1¼	64.6	72.3	75.3	82.1	84.7	86.2	89.6	90.3	91.0	91.5	91.6	91.6	92.0	92.0	92.0
≥1	64.6	72.4	75.5	82.5	85.1	86.5	89.9	90.7	91.4	92.0	92.1	92.1	92.4	92.4	92.4
≥¾	64.7	72.7	75.9	83.1	85.8	87.2	90.9	91.5	92.2	92.8	93.0	93.0	93.4	93.4	93.4
≥½	64.8	72.8	76.1	83.4	86.2	87.6	91.1	92.0	92.7	93.4	93.6	93.6	94.0	94.0	94.0
≥¼	64.9	73.0	76.2	83.7	86.6	88.2	92.0	92.9	93.6	94.7	94.9	94.9	95.3	95.3	95.3
≥0	64.9	73.3	76.4	83.9	87.0	88.5	92.5	93.6	94.3	95.5	95.9	95.9	96.2	96.2	96.3
4/8	64.9	73.3	76.4	84.0	87.3	88.9	93.4	94.4	95.1	96.3	97.2	97.4	97.9	97.9	98.0
3/8	64.9	73.3	76.4	84.1	87.5	89.2	93.7	94.8	95.7	97.5	97.9	98.2	98.8	98.8	98.9
2/8	64.9	73.3	76.4	84.0	87.5	89.0	93.7	94.9	95.8	97.6	98.1	98.3	99.5	99.5	99.6
1/8	64.9	73.3	76.4	84.0	87.5	89.0	93.7	94.9	95.9	97.8	98.2	98.6	99.9	99.9	100.0
0	64.9	73.3	76.4	84.0	87.5	89.0	93.7	94.9	95.9	97.8	98.2	98.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 885

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72406 | MCGHEE TYSON AIRPORT TN | 74-87 | FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥50	≥30	≥24	≥20	≥16	≥12	≥10	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥2½	≥2
	GE10	GE 8	GE 6	GE 5	GE 4	GE 3	GE2½	GE2	GE1½	GE1¼	GE1	GE ¾	GE ½	GE ¼	GE ⅛	GE 0
CLR	34.4	41.1	41.9	41.4	41.7	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
15000	39.5	46.6	47.6	48.2	48.7	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
12000	39.7	46.7	47.8	48.3	48.8	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
10000	39.8	46.8	47.9	48.5	48.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
9000	40.6	48.0	49.1	49.6	50.2	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
8000	41.7	46.9	50.1	50.7	51.3	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
7000	42.9	50.1	51.3	51.9	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
6000	43.7	51.1	52.2	52.8	53.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
5000	44.9	52.1	53.2	53.9	54.6	54.6	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
4500	45.4	53.0	54.1	54.7	55.4	55.4	55.8	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0
4000	46.3	54.1	55.3	56.3	57.0	57.1	57.4	57.4	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7
3500	48.7	57.7	58.9	60.0	61.0	61.1	61.5	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7
3000	50.4	59.9	61.3	63.0	64.2	64.3	65.0	65.0	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4
2500	52.0	61.7	63.1	64.9	66.1	66.2	66.9	66.9	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3
2200	54.5	64.5	66.0	67.8	69.1	69.3	70.0	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4
2000	57.1	68.0	69.4	72.0	73.4	73.5	74.5	74.6	74.6	75.2	75.3	75.3	75.3	75.3	75.3	75.3
1800	61.1	73.4	74.9	77.5	79.3	79.6	80.7	80.9	80.9	81.4	81.6	81.6	81.6	81.6	81.6	81.6
1600	63.1	76.5	78.1	81.0	83.3	83.7	85.1	85.2	85.2	85.6	85.9	85.9	85.9	85.9	85.9	85.9
1400	63.5	77.5	79.2	82.7	85.2	85.7	87.1	87.2	87.2	87.9	88.1	88.1	88.1	88.1	88.1	88.1
1200	63.9	79.0	80.9	84.6	87.4	87.8	89.2	89.5	89.5	90.3	90.7	90.7	90.7	90.8	90.8	90.8
1000	64.4	80.1	82.4	86.6	89.6	90.1	91.5	91.7	91.7	92.7	93.0	93.0	93.1	93.1	93.1	93.1
900	64.4	80.6	82.9	87.2	90.2	90.7	92.1	92.3	92.3	93.3	93.6	93.6	93.7	93.7	93.7	93.7
800	64.5	80.7	83.0	87.4	90.3	90.9	92.4	92.8	92.8	93.7	94.1	94.1	94.2	94.2	94.2	94.2
700	64.8	81.1	83.5	87.8	90.8	91.6	93.1	93.5	93.6	94.7	95.0	95.0	95.2	95.2	95.2	95.2
600	64.8	81.1	83.5	87.8	90.8	91.6	93.1	93.6	93.7	94.6	95.2	95.2	95.3	95.3	95.3	95.3
500	64.8	81.1	83.5	88.1	91.1	92.0	93.6	94.1	94.2	95.3	95.6	95.6	95.7	95.7	95.7	95.7
400	64.9	81.2	83.6	88.3	91.4	92.2	94.0	94.7	94.8	96.0	96.5	96.5	96.8	96.8	96.8	96.8
300	64.9	81.2	83.6	88.8	92.3	93.1	95.2	96.0	96.3	97.5	98.0	98.0	98.3	98.3	98.3	98.3
200	64.9	81.3	83.7	89.0	92.6	93.4	95.9	96.7	97.3	98.8	99.4	99.4	99.9	99.9	99.9	99.9
100	64.9	81.3	83.7	89.0	92.6	93.4	95.9	96.7	97.3	98.8	99.4	99.4	100.0	100.0	100.0	100.0
0	64.9	81.3	83.7	89.0	92.6	93.4	95.9	96.7	97.3	98.8	99.4	99.4	100.0	100.0	100.0	100.0
	64.9	81.3	83.7	89.0	92.6	93.4	95.9	96.7	97.3	98.8	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

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

72726 — STATION — MCGHEE TYSON AIRPORT TN — STATION NAME — 74-87 — YEARS — FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 — HOUR

CEILING (FEET)	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥¾	≥½	≥¼	≥1	≥1¼	≥1½	≥2	≥2½	≥3
	≥19	≥69	≥80	≥64	≥48	≥40	≥32	≥24	≥20	≥16	≥12	≥10	≥8	≥5	≥4	≥2
CLR	37.7	39.5	39.9	41.3	42.8	43.6	43.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
20000	48.5	48.8	49.5	50.0	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
15000	48.6	48.9	49.6	50.2	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
10000	48.6	48.9	49.8	50.2	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
9000	48.6	49.9	50.7	51.2	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
8000	47.5	50.9	51.9	52.4	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
7000	49.9	53.4	54.4	55.2	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
6000	51.3	55.1	56.3	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
5000	52.5	56.3	57.5	58.2	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
4500	54.3	58.4	59.7	6 .5	60.9	60.9	61.1	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
4000	55.8	60.3	61.6	62.7	63.0	63.2	63.3	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5
3500	58.3	63.4	64.8	65.9	66.2	66.4	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7
3000	61.9	66.6	68.1	69.2	69.5	69.8	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1
2500	62.2	68.2	69.9	71.0	71.4	71.8	72.1	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3
2200	64.1	70.6	72.4	73.6	74.1	74.4	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
2000	66.9	74.4	76.2	77.6	78.2	78.8	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6
1800	69.9	79.0	81.9	82.3	82.9	83.5	84.1	84.1	84.1	84.1	84.5	84.5	84.6	84.6	84.6	84.6
1600	70.9	81.9	83.8	85.5	86.7	87.3	88.0	88.0	88.	88.0	88.4	88.4	88.5	88.5	88.5	88.5
1400	71.1	82.5	84.7	86.8	88.0	88.6	89.3	89.3	89.3	89.3	89.7	89.7	89.8	89.8	89.8	89.8
1200	71.6	83.4	86.1	88.7	89.9	90.5	91.2	91.2	91.2	91.2	91.6	91.6	91.7	91.7	91.7	91.7
1000	71.7	84.2	86.8	89.9	91.2	91.9	92.7	92.7	92.7	92.7	93.	93.0	93.1	93.1	93.1	93.1
900	71.7	84.4	87.1	9 .2	91.5	92.2	92.9	93.0	93.0	93.0	93.5	93.5	93.6	93.6	93.6	93.6
800	71.7	84.4	87.1	90.3	91.6	92.3	93.2	93.4	93.4	93.4	94.0	94.0	94.1	94.1	94.1	94.1
700	71.7	84.4	87.1	90.3	91.6	92.3	93.2	93.4	93.4	93.4	94.7	94.0	94.1	94.1	94.1	94.1
600	71.7	84.4	87.2	90.5	91.8	92.9	93.8	94.0	94.0	94.0	94.7	94.7	94.8	94.8	94.8	94.8
500	71.7	84.5	87.3	90.6	92.2	93.2	94.4	94.5	94.5	94.5	95.3	95.3	95.4	95.4	95.4	95.4
400	71.7	84.6	87.4	90.9	92.5	94.0	95.1	95.3	95.3	95.3	96.1	96.1	96.2	96.2	96.2	96.2
300	71.7	84.6	87.4	90.9	92.5	94.0	95.5	95.9	96.0	96.1	97.4	97.4	97.5	97.5	97.5	97.5
200	71.7	84.6	87.4	90.9	92.5	94.0	96.3	96.7	97.0	97.4	98.7	98.7	99.2	99.2	99.2	99.2
100	71.7	84.6	87.4	90.9	92.5	94.0	96.6	97.0	97.4	97.9	99.2	99.2	99.9	99.9	100.0	100.0
0	71.7	84.6	87.4	90.9	92.5	94.0	96.6	97.0	97.4	97.9	99.2	99.2	99.9	99.9	100.0	100.0
	71.7	84.6	87.4	90.9	92.5	94.0	96.6	97.0	97.4	97.9	99.2	99.2	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 (WBAN) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-87 (YEARS) ENE (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 Dec 2002

CEILING (FEET)	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GT9.0	≥9 GE9.0	≥8 GE8.0	≥7 GE7.0	≥6 GE6.0	≥5 GE5.0	≥4 GE4.0	≥3 GE3.0	≥2½ GE2.5	≥2 GE2.0	≥1½ GE1.5	≥1¼ GE1.2	≥1 GE1.0	≥¾ GE.75	≥½ GE.50	≥¼ GE.25
NO CEILING	37.6	38.5	39.5	39.6	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 20000	45.2	46.2	47.6	48.0	48.1	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 8000	45.5	46.6	48.1	48.5	48.6	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 6000	45.5	46.6	48.3	48.7	48.8	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 4000	46.2	47.3	49.1	49.4	49.5	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2000	48.3	49.4	51.2	52.0	52.1	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 10000	50.6	51.8	53.5	54.7	54.8	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	52.5	54.4	56.3	57.4	57.6	57.9	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 8000	53.5	55.4	57.4	58.6	58.7	59.1	59.2	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5
≥ 7000	55.6	57.6	59.6	60.9	61.0	61.3	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8
≥ 6000	58.3	60.4	62.4	64.1	64.2	64.8	64.9	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.4
≥ 5000	61.3	64.2	66.2	67.8	68.1	68.7	68.8	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.3
≥ 4500	65.0	68.7	70.8	72.5	72.7	73.3	73.6	73.8	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.1
≥ 4000	66.3	70.1	72.2	73.9	74.1	74.7	75.3	75.4	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.8
≥ 3500	68.8	72.8	75.1	76.8	77.1	77.8	78.4	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.8
≥ 3000	69.7	74.3	76.7	78.7	79.1	79.8	80.5	80.7	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.1
≥ 2500	71.6	77.9	80.7	83.1	83.8	84.6	85.5	85.7	85.7	85.8	86.1	86.1	86.1	86.1	86.1	86.2
≥ 2000	72.9	80.0	83.2	85.8	86.5	87.4	88.5	88.8	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.4
≥ 1800	73.6	81.4	84.9	87.6	88.3	89.1	90.3	90.5	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.1
≥ 1500	73.8	81.9	85.7	88.7	89.5	90.3	91.6	91.8	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.4
≥ 1200	73.9	82.6	86.6	89.6	90.5	91.5	92.8	93.0	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.7
≥ 1000	73.9	82.7	86.8	89.7	90.8	91.7	93.0	93.4	93.4	93.7	94.1	94.1	94.2	94.2	94.2	94.3
≥ 900	73.9	82.7	86.8	89.7	90.8	91.7	93.1	93.6	93.6	94.0	94.4	94.4	94.7	94.7	94.7	94.8
≥ 800	73.9	83.0	87.0	90.3	91.4	92.6	94.0	94.4	94.4	94.8	95.3	95.3	95.5	95.5	95.5	95.6
≥ 700	73.9	83.0	87.0	90.3	91.4	92.6	94.0	94.7	94.7	95.2	95.6	95.6	95.9	95.9	95.9	96.0
≥ 600	73.9	83.0	87.0	90.3	91.5	92.8	94.4	95.2	95.2	95.6	96.1	96.1	96.3	96.3	96.3	96.5
≥ 500	73.9	83.0	87.0	90.3	91.6	93.0	94.8	95.5	95.5	96.1	96.7	96.7	96.9	96.9	96.9	97.1
≥ 400	73.9	83.0	87.0	90.3	91.6	93.0	94.8	95.6	95.7	96.5	97.0	97.0	97.3	97.3	97.3	97.4
≥ 300	73.9	83.0	87.0	90.3	91.6	93.0	94.9	95.9	96.3	97.4	98.2	98.2	98.8	98.8	98.8	98.9
≥ 200	73.9	83.0	87.0	90.3	91.6	93.0	94.9	95.9	96.3	97.5	98.5	98.5	99.1	99.1	99.4	99.5
≥ 100	73.9	83.0	87.0	90.3	91.6	93.0	94.9	95.9	96.3	97.5	98.5	98.5	99.3	99.3	99.6	99.8
≥ 0	73.9	83.0	87.0	90.3	91.6	93.0	94.9	95.9	96.3	97.5	98.5	98.5	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 646

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

72736 MCGHEE TYSON AIRPORT TN 74-82 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-2300
HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥2 GE2	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	½ GE8	≥5/16 GE5	≥¼ GE4	<¼ GE0
NO CEILING	41.0	43.6	44.4	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 20000	43.4	46.7	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 18000	43.6	46.9	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 14000	43.6	46.9	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 12000	44.8	48.1	50.2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 10000	45.9	49.4	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 9000	47.5	51.3	53.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	49.3	53.3	55.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 7000	50.6	54.7	56.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 6000	53.1	57.2	59.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0
≥ 5000	55.3	59.7	61.9	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7
≥ 4500	57.1	62.2	64.5	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 4000	60.0	66.0	68.6	70.4	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.9	70.9
≥ 3500	61.2	67.8	70.4	72.3	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.8	72.8	72.9	72.9
≥ 3000	62.6	70.0	72.7	74.6	74.8	74.9	74.9	74.9	75.2	75.2	75.2	75.3	75.3	75.4	75.5
≥ 2500	64.8	73.4	76.1	78.3	78.5	78.8	79.8	78.8	78.8	79.1	79.1	79.1	79.2	79.2	79.4	79.6
≥ 2000	66.2	76.5	79.4	81.8	82.4	82.7	82.7	82.9	82.9	83.2	83.2	83.2	83.3	83.3	83.6	83.7
≥ 1800	67.4	79.2	82.9	85.3	86.1	86.4	86.5	86.6	86.6	87.0	87.0	87.0	87.1	87.1	87.4	87.5
≥ 1600	67.7	80.1	84.2	86.9	87.6	87.9	88.1	88.2	88.2	88.5	88.5	88.5	88.7	88.7	88.9	89.0
≥ 1400	68.0	81.0	85.1	87.8	88.7	89.0	89.1	89.4	89.4	89.7	89.7	89.7	89.8	89.8	90.1	90.2
≥ 1200	68.0	81.6	85.7	88.4	89.2	89.6	89.8	90.1	90.1	90.4	90.4	90.4	90.5	90.5	90.8	90.9
≥ 1000	68.2	82.3	86.3	89.4	90.2	90.5	90.8	91.1	91.1	91.6	91.8	91.8	92.0	92.0	92.2	92.3
≥ 900	68.2	82.3	86.5	89.0	90.8	91.1	91.6	92.1	92.1	92.6	92.8	92.8	92.9	92.9	93.1	93.3
≥ 800	68.2	82.6	86.9	90.4	91.3	91.6	92.2	92.6	92.8	93.3	93.5	93.5	93.6	93.6	93.9	94.0
≥ 700	68.2	82.9	87.1	90.8	91.6	92.0	92.8	93.4	93.5	94.0	94.2	94.2	94.3	94.3	94.6	94.7
≥ 600	68.2	82.9	87.1	90.8	91.6	92.0	92.9	93.5	93.6	94.1	94.4	94.4	94.6	94.6	94.8	94.9
≥ 500	68.2	82.9	87.2	90.9	91.8	92.2	93.1	94.0	94.2	94.7	95.0	95.0	95.2	95.2	95.5	95.6
≥ 400	68.2	83.0	87.5	91.1	92.1	92.4	93.6	94.6	94.8	95.5	96.2	96.2	96.5	96.5	96.8	96.9
≥ 300	68.2	83.0	87.5	91.1	92.1	92.4	93.7	94.7	95.2	96.3	97.0	97.0	97.3	97.3	97.6	97.8
≥ 200	68.2	83.0	87.5	91.3	92.2	92.6	94.0	94.9	95.4	97.0	97.9	97.9	98.2	98.2	98.6	98.7
< 200	68.2	83.0	87.5	91.3	92.2	92.6	94.0	94.9	95.4	97.2	98.1	98.1	98.7	98.7	99.2	99.3
	68.2	83.0	87.5	91.3	92.2	92.6	94.0	94.9	95.4	97.2	98.1	98.1	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 896

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

72286 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-87 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE4.8	≥5 GE4.0	≥4 GE3.2	≥3 GE2.4	≥2½ GE2.0	≥2 GE1.6	≥1½ GE1.2	≥1¼ GE1.0	≥1 GE.8	≥¾ GE.6	≥½ GE.4	≥¼ GE.2
CEILING	35.4	39.2	39.8	40.6	40.8	40.8	41.1	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3
≥20000	39.4	43.9	45.0	45.9	46.1	46.2	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.7	46.7
≥ 8000	39.6	44.1	45.2	46.1	46.3	46.4	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 6000	39.7	44.2	45.3	46.2	46.4	46.5	46.8	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0
≥ 4500	40.6	45.2	46.4	47.3	47.5	47.6	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.1	48.1
≥ 4000	41.8	46.5	47.7	48.8	49.0	49.1	49.3	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 3500	43.2	48.1	49.3	50.5	50.8	50.8	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3000	44.8	50.1	51.4	52.6	52.9	53.0	53.3	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5
≥ 2500	46.0	51.4	52.9	54.1	54.3	54.4	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 2000	47.6	53.2	54.7	56.0	56.2	56.4	56.7	56.8	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
≥ 1800	49.2	55.2	56.8	58.3	58.6	58.8	59.1	59.2	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5
≥ 1600	51.9	58.7	60.5	62.1	62.5	62.6	63.1	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6
≥ 1400	54.3	61.8	63.9	65.8	66.2	66.4	66.9	67.1	67.1	67.3	67.4	67.4	67.5	67.5	67.6	67.6
≥ 1200	55.8	63.6	65.7	67.6	68.1	68.3	69.0	69.2	69.2	69.5	69.6	69.6	69.7	69.7	69.7	69.7
≥ 1000	57.6	65.8	68.0	70.1	70.7	70.9	71.7	71.9	72.	72.2	72.3	72.3	72.4	72.4	72.5	72.5
≥ 900	59.9	69.3	71.5	74.0	74.6	75.0	75.8	76.1	76.1	76.5	76.6	76.6	76.7	76.7	76.8	76.8
≥ 800	62.0	72.9	75.4	78.0	79.0	79.4	80.3	80.6	80.7	81.1	81.2	81.2	81.3	81.3	81.4	81.4
≥ 700	63.2	75.8	78.6	81.8	83.0	83.4	84.6	84.9	85.	85.4	85.5	85.5	85.7	85.7	85.8	85.8
≥ 600	63.6	76.7	79.9	83.4	84.6	85.0	86.2	86.5	86.6	87.1	87.2	87.2	87.3	87.3	87.4	87.5
≥ 500	63.9	77.8	81.1	84.9	86.3	86.7	87.9	88.4	88.5	88.9	89.1	89.1	89.3	89.3	89.4	89.4
≥ 400	64.2	78.7	82.3	86.4	87.9	88.4	89.6	90.2	90.3	90.8	90.9	91.0	91.2	91.2	91.3	91.3
≥ 300	64.2	79.0	82.8	87.0	88.5	89.1	90.4	91.0	91.1	91.6	91.8	91.8	92.1	92.1	92.2	92.3
≥ 200	64.3	79.2	83.1	87.5	89.0	89.5	91.0	91.6	91.7	92.3	92.5	92.5	92.8	92.8	92.9	93.0
≥ 100	64.4	79.5	83.3	87.9	89.5	90.1	91.6	92.3	92.4	92.9	93.2	93.2	93.5	93.5	93.6	93.7
≥ 0	64.4	79.6	83.4	88.2	89.8	90.5	92.0	92.7	92.9	93.5	93.8	93.8	94.1	94.1	94.2	94.2
	64.4	79.6	83.5	88.4	90.1	90.8	92.5	93.4	93.6	94.3	94.6	94.6	94.9	94.9	95.0	95.1
	64.4	79.7	83.6	88.6	90.5	91.2	93.0	94.1	94.4	95.1	95.5	95.5	95.9	95.9	96.0	96.1
	64.4	79.8	83.7	88.8	90.8	91.6	93.6	94.8	95.2	96.1	96.6	96.7	97.1	97.1	97.2	97.3
	64.4	79.8	83.8	88.8	90.9	91.7	94.1	95.3	95.8	97.0	97.6	97.7	98.3	98.3	98.4	98.5
	64.4	79.8	83.8	88.9	90.9	91.8	94.3	95.6	96.1	97.4	98.1	98.2	98.9	98.9	99.2	99.2
	64.4	79.8	83.8	88.9	90.9	91.8	94.3	95.6	96.2	97.5	98.2	98.3	99.2	99.2	99.5	99.9
	64.4	79.8	83.8	88.9	90.9	91.8	94.3	95.6	96.2	97.5	98.3	98.3	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726 0 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 HOUR

CEILING VERSUS VISIBILITY (HUNDREDS OF METERS)

CEILING (FEET)	≥10 GT9Q	≥9 GE9Q	≥8 GE8Q	≥7 GE6Q	≥6 GE4Q	≥5 GE4Q	≥4 GE2Q	≥3 GE2Q	≥2 GE1Q	≥1½ GE1Q	≥1 GE1Q	≥¾ GE0Q	≥½ GE0Q	≥¼ GE0Q	≥0 GE0Q
≥ UNL	40.8	43.1	43.3	43.7	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	44.1	44.2	44.2
≥ 20000	46.8	50.6	51.1	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.8	51.8	52.0	52.0
≥ 18000	47.4	51.4	51.9	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.8	52.8
≥ 16000	47.4	51.4	51.9	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.8	52.8
≥ 14000	48.2	52.2	52.7	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.7	53.7	53.9	53.9
≥ 12000	50.4	54.6	55.2	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.3	56.3
≥ 11000	52.6	56.9	57.4	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.4	58.4	58.6	58.6
≥ 10000	53.9	58.4	58.9	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.9	59.9	60.1	60.1
≥ 9000	55.4	60.0	60.5	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.7	61.7
≥ 8000	57.7	62.9	63.4	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.4	64.6	64.6
≥ 7000	59.4	65.3	65.9	66.6	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	67.1	67.1	67.3	67.3
≥ 6000	62.8	69.5	70.3	71.3	71.4	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.9	71.9	72.2	72.2
≥ 5000	66.6	74.0	74.9	76.0	76.1	76.1	76.3	76.3	76.3	76.5	76.5	76.5	76.7	76.7	76.9	76.9
≥ 4500	67.5	75.9	77.0	78.2	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.8	78.8	79.0	79.0
≥ 4000	69.4	79.0	80.2	81.5	81.6	81.6	81.8	81.8	81.8	81.9	81.9	81.9	82.2	82.2	82.4	82.4
≥ 3500	71.5	82.2	83.4	84.8	84.9	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.5	85.5	85.7	85.7
≥ 3000	73.2	84.6	86.1	87.6	87.7	87.7	88.1	88.4	88.4	88.5	88.5	88.5	88.7	88.7	88.9	88.9
≥ 2500	73.8	86.2	87.8	89.4	89.6	89.7	90.0	90.3	90.3	90.4	90.4	90.4	90.6	90.6	90.9	90.9
≥ 2000	74.0	87.3	89.0	90.6	91.0	91.1	91.4	91.8	91.8	91.9	91.9	91.9	92.2	92.2	92.4	92.4
≥ 1800	74.0	88.3	90.2	91.8	92.2	92.3	92.6	93.1	93.1	93.2	93.2	93.2	93.4	93.4	93.7	93.7
≥ 1600	74.0	88.6	90.6	92.5	92.8	92.9	93.3	93.9	93.9	94.1	94.1	94.1	94.3	94.3	94.5	94.5
≥ 1400	74.0	88.8	90.9	92.8	93.1	93.2	93.8	94.4	94.4	94.6	94.6	94.6	94.8	94.8	95.1	95.1
≥ 1200	74.0	89.2	91.3	93.2	93.5	93.7	94.2	94.8	94.8	95.1	95.1	95.1	95.3	95.3	95.5	95.5
≥ 1000	74.0	89.5	91.5	93.4	93.8	93.9	94.4	95.2	95.2	95.4	95.4	95.4	95.6	95.6	95.8	95.8
≥ 900	74.1	89.6	91.6	93.5	94.0	94.1	94.6	95.4	95.4	95.6	95.6	95.6	95.8	95.8	96.0	96.0
≥ 800	74.1	89.8	92.0	94.1	94.5	94.6	95.2	95.9	95.9	96.1	96.1	96.1	96.3	96.3	96.6	96.6
≥ 700	74.1	89.8	92.0	94.3	94.9	95.1	95.6	96.3	96.3	96.6	96.6	96.6	96.8	96.8	97.0	97.0
≥ 600	74.1	89.9	92.2	94.4	95.3	95.4	96.1	97.0	97.1	97.5	97.5	97.5	98.0	98.0	98.2	98.2
≥ 500	74.1	89.9	92.2	94.4	95.3	95.4	96.1	97.1	97.2	97.6	97.7	97.7	98.4	98.4	98.7	98.7
≥ 400	74.1	90.0	92.3	94.6	95.5	95.6	96.5	97.5	97.7	98.2	98.5	98.5	99.1	99.1	99.6	99.6
≥ 300	74.1	90.0	92.3	94.6	95.5	95.6	96.5	97.5	97.7	98.2	98.6	98.6	99.2	99.2	100.0	100.0
≥ 200	74.1	90.0	92.3	94.6	95.5	95.6	96.5	97.5	97.7	98.2	98.6	98.6	99.2	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72256 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-87 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2500 (HOURS)

VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)

CEILING FEET OR (METERS)	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
≥ 20000 (6096)	34.9	39.5	39.8	41.3	42.7	43.3	41.[illegible]	41.[illegible]	41.[illegible]	41.[illegible]	41.[illegible]	41.[illegible]	41.0	41.2	41.2	41.4	41.7
≥ 15000 (4572)	40.4	46.1	46.5	47.1	47.2	47.2	47.9	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.3	48.6	
≥ 12000 (3658)	42.5	46.6	46.9	47.7	47.8	47.8	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.9	49.2	
≥ 10000 (3048)	42.8	46.8	47.1	48.0	48.1	48.1	48.7	48.7	48.7	48.7	48.7	48.7	48.9	48.9	49.1	49.5	
≥ 9000 (2743)	42.5	48.5	48.8	49.8	49.9	49.9	50.5	50.5	50.5	50.5	50.5	50.8	50.9	51.[illegible]	51.3		
≥ 8000 (2438)	45.1	51.1	51.4	52.4	52.5	52.5	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.5	53.9	
≥ 7000 (2134)	46.5	52.5	52.8	53.8	53.9	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.9	55.3	
≥ 6000 (1829)	48.3	54.9	55.3	56.5	56.6	56.6	57.2	57.2	57.2	57.2	57.2	57.2	57.4	57.4	57.6	58.0	
≥ 5000 (1524)	48.8	55.5	55.9	57.0	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	58.[illegible]	58.[illegible]	58.2	58.5	
≥ 4500 (1372)	51.6	58.3	58.6	59.8	59.9	59.9	60.[illegible]	60.[illegible]	60.5	60.5	60.5	60.5	60.8	60.8	61.0	61.3	
≥ 4000 (1219)	53.9	60.8	61.1	62.3	62.4	62.4	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.5	63.5	63.7	64.1	
≥ 3500 (1067)	56.6	63.[illegible]	64.3	65.8	65.9	65.9	66.6	66.7	66.7	66.7	66.7	66.7	67.2	67.2	67.4	67.7	
≥ 3000 (914)	59.2	68.4	68.9	70.[illegible]	70.9	70.9	71.5	71.6	71.[illegible]	71.6	71.6	71.6	72.2	72.2	72.4	72.7	
≥ 2500 (762)	60.0	69.5	70.[illegible]	72.2	72.3	72.3	72.9	73.1	73.1	73.1	73.1	73.1	73.7	73.7	73.9	74.2	
≥ 2000 (610)	62.3	72.9	73.7	76.2	76.3	76.3	77.0	77.2	77.2	77.2	77.2	77.2	77.7	77.7	78.[illegible]	76.3	
≥ 1800 (549)	64.6	76.3	77.4	80.1	80.2	80.2	80.9	81.1	81.1	81.1	81.1	81.1	81.6	81.6	81.8	82.2	
≥ 1500 (457)	66.1	79.0	80.2	83.0	83.1	83.1	83.8	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.5	84.5	84.7	85.1	
≥ 1200 (366)	66.9	81.0	82.3	85.3	85.4	85.4	86.1	86.5	86.6	86.6	86.6	86.6	87.1	87.1	87.3	87.6	
≥ 1000 (305)	67.2	81.6	82.9	86.[illegible]	86.1	86.1	86.9	87.2	87.3	87.3	87.3	87.3	87.8	87.8	88.1	88.4	
≥ 900 (274)	67.4	82.9	84.2	87.4	87.5	87.5	88.3	88.6	88.7	88.7	88.7	88.7	89.2	89.2	89.5	89.8	
≥ 800 (244)	67.5	84.8	86.2	89.7	89.8	89.8	90.6	91.[illegible]	91.1	91.1	91.1	91.1	91.6	91.6	91.8	92.2	
≥ 700 (213)	67.5	84.9	86.6	90.1	90.2	90.2	91.2	91.6	91.7	91.7	91.7	91.7	92.3	92.3	92.5	92.8	
≥ 600 (183)	67.5	85.2	86.8	90.3	90.4	90.4	91.5	91.9	92.[illegible]	92.[illegible]	92.[illegible]	92.0	92.6	92.6	92.8	93.1	
≥ 500 (152)	67.5	85.3	87.2	90.8	90.9	90.9	91.9	92.4	92.5	92.5	92.5	92.5	93.[illegible]	93.[illegible]	93.2	93.5	
≥ 400 (122)	67.5	85.4	87.4	91.0	91.1	91.1	92.2	92.6	92.7	92.7	92.7	92.7	93.2	93.2	93.4	93.8	
≥ 300 (91)	67.5	85.5	87.5	91.2	91.3	91.3	92.5	93.1	93.2	93.4	93.4	93.4	94.0	94.0	94.2	94.5	
≥ 200 (61)	67.5	85.5	87.5	91.5	91.8	91.8	93.1	94.2	94.3	94.5	94.5	94.5	95.2	95.2	95.4	95.7	
≥ 100 (30)	67.5	85.6	87.6	92.3	92.7	92.7	94.2	95.6	95.7	96.3	96.3	96.3	97.1	97.1	97.3	97.6	
≥ 0 (0)	67.5	85.7	87.7	92.4	92.8	92.8	94.4	95.8	95.9	96.7	96.7	96.7	97.4	97.4	97.6	98.0	
	67.5	85.7	87.7	92.4	92.8	92.8	94.5	96.3	96.5	97.4	97.4	97.4	98.3	98.3	98.8	99.1	
	67.5	85.7	87.7	92.7	93.1	93.1	94.8	96.7	96.8	97.7	97.7	97.7	98.6	98.6	99.1	99.8	
	67.5	85.7	87.7	92.7	93.1	93.1	94.8	96.7	96.8	97.7	97.7	97.7	98.6	98.6	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

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

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.0	≥9 GE9.0	≥8 GE8.0	≥7 GE6.0	≥6 GE4.8	≥5 GE4.0	≥4 GE3.2	≥3 GE2.4	≥2½ GE2.0	≥2 GE1.6	≥1½ GE1.2	≥1 GE1.0	≥¾ GE.8	≥½ GE.5	≥¼ GE.4	≥0 GE0
≥ 22000	20.8	34.1	35.6	35.9	36.6	36.6	36.7	36.7	36.7	37.0	37.1	37.1	37.3	37.4	37.6	38.3
20000	34.6	40.3	41.8	42.4	43.0	43.0	43.2	43.2	43.2	43.5	43.7	43.7	43.9	44.0	44.2	44.8
≥ 18000	35.1	40.8	42.3	42.8	43.4	43.4	43.7	43.7	43.7	44.0	44.1	44.1	44.3	44.4	44.6	45.3
17000	35.4	41.1	42.6	43.3	44.0	44.0	44.2	44.2	44.2	44.5	44.6	44.6	44.8	44.9	45.2	45.8
≥ 16000	36.2	42.1	43.5	44.3	44.9	44.9	45.3	45.3	45.3	45.6	45.7	45.7	45.9	46.0	46.2	46.9
≥ 15000	38.2	44.0	45.5	46.2	46.9	46.9	47.2	47.2	47.2	47.5	47.6	47.6	47.8	48.0	48.2	48.8
≥ 14000	40.0	46.0	47.5	48.4	49.1	49.1	49.5	49.5	49.5	49.6	49.9	49.9	50.1	50.2	50.4	51.1
≥ 13000	42.3	48.7	50.2	51.2	52.0	52.0	52.4	52.4	52.4	52.7	52.8	52.8	53.0	53.1	53.3	54.1
≥ 12000	43.2	50.0	51.7	52.9	53.8	53.8	54.1	54.1	54.1	54.4	54.5	54.5	54.7	54.8	55.1	55.7
≥ 11000	44.7	52.2	53.9	55.2	56.0	56.1	56.3	56.3	56.3	56.7	56.8	56.8	57.0	57.1	57.3	58.0
≥ 10000	46.7	54.2	56.1	58.1	58.9	58.9	59.2	59.2	59.2	59.6	59.7	59.7	59.9	60.0	60.2	60.9
9000	48.9	57.4	59.6	61.6	62.5	62.6	63.0	63.0	63.0	63.4	63.5	63.5	63.8	63.9	64.2	64.8
≥ 8000	51.5	60.9	63.1	65.4	66.5	66.7	67.2	67.2	67.3	67.7	67.8	67.8	68.1	68.2	68.5	69.1
7000	52.5	62.8	65.1	67.8	68.9	69.2	69.9	70.1	70.2	70.6	70.8	70.8	71.0	71.1	71.4	72.0
≥ 6500	54.6	65.4	67.6	70.6	71.7	72.0	72.7	73.0	73.1	73.5	73.7	73.7	73.9	74.0	74.3	74.9
≥ 6000	57.1	69.4	71.6	74.7	75.8	76.1	77.2	77.5	77.6	78.1	78.4	78.4	78.6	78.7	79.0	79.7
≥ 5500	58.3	72.5	75.1	78.4	79.5	79.8	81.2	81.5	81.6	82.2	82.5	82.5	82.7	82.8	83.1	83.8
≥ 5000	60.2	74.7	77.5	81.0	82.2	82.5	84.0	84.3	84.4	84.9	85.3	85.3	85.5	85.6	85.9	86.6
4500	60.8	76.0	78.9	82.5	83.7	84.1	85.5	85.8	85.9	86.5	86.9	86.8	87.0	87.1	87.4	88.1
4000	61.2	77.2	80.2	83.9	85.1	85.4	86.9	87.2	87.3	87.8	88.2	88.2	88.4	88.5	88.8	89.5
≥ 3500	61.5	78.0	81.3	85.1	86.3	86.7	88.5	88.9	89.0	89.6	89.9	89.9	90.1	90.2	90.5	91.2
≥ 3000	61.7	78.3	82.1	85.8	87.1	87.4	89.6	90.0	90.2	90.9	91.3	91.3	91.5	91.6	91.9	92.6
≥ 2500	61.8	78.5	82.4	86.5	87.7	88.1	90.3	90.8	91.1	91.6	92.0	92.0	92.3	92.4	92.7	93.3
≥ 2400	61.8	78.5	82.4	86.5	87.8	88.2	90.5	91.0	91.2	91.8	92.3	92.3	92.5	92.6	92.9	93.5
≥ 2300	61.8	78.7	82.6	86.8	88.2	88.5	91.0	91.5	91.7	92.4	92.8	92.8	93.1	93.2	93.5	94.2
≥ 2200	61.8	78.8	82.7	86.9	88.3	88.6	91.1	91.8	92.0	92.8	93.2	93.2	93.5	93.7	94.1	94.7
≥ 2100	61.8	78.9	82.9	87.3	88.9	89.2	92.0	93.0	93.2	94.2	94.6	94.6	94.9	95.1	95.5	96.1
≥ 2000	61.8	78.9	83.1	87.6	89.5	89.8	92.8	93.9	94.1	95.1	95.5	95.5	95.8	95.9	96.3	97.0
≥ 1900	61.8	79.0	83.1	87.7	89.6	90.0	93.1	94.5	94.7	95.9	96.5	96.5	96.8	96.9	97.3	98.0
≥ 1800	61.8	79.0	83.1	87.7	89.6	90.0	93.1	94.5	94.7	95.9	96.5	96.5	96.9	97.0	97.6	98.3
≥ 1700	61.8	79.0	83.1	87.7	89.6	90.0	93.1	94.7	94.9	96.1	96.7	96.7	97.2	97.3	98.7	99.7
≥ 1600	61.8	79.0	83.1	87.7	89.6	90.0	93.1	94.7	94.9	96.1	96.7	96.7	97.2	97.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2300

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥1 GE2	≥¾ GE1½	≥½ GE1	≥¼ GE¾	≥⅛ GE½	≥0 GE¼	≥0 GE0			
NO CEILING	29.4	34.7	36.8	36.9	37.3	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.8	37.8
≥ 20000	35.9	42.4	44.8	44.8	45.5	45.6	45.9	45.9	45.9	45.9	45.9	45.9	46.1	46.1	46.2	46.2
≥ 18000	35.9	42.4	44.8	44.8	45.5	45.6	45.9	45.9	45.9	45.9	45.9	45.9	46.1	46.1	46.2	46.2
≥ 6000	36.3	42.5	44.1	44.9	45.6	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.2	46.2	46.3	46.3
≥ 4000	37.2	43.7	45.4	46.2	46.9	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.5	47.5	47.6	47.6
≥ 2000	38.7	45.5	47.2	48.1	48.7	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.5	49.5	49.6	49.6
≥ 1000	40.6	47.7	49.6	50.5	51.4	51.5	51.9	51.9	51.9	51.9	51.9	51.9	52.2	52.2	52.3	52.3
≥ 900	41.8	49.0	51.0	51.9	52.8	52.9	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.7	53.7
≥ 800	43.3	50.9	52.8	53.9	54.7	54.8	55.3	55.3	55.3	55.3	55.3	55.5	55.5	55.5	55.6	55.6
≥ 700	44.9	53.5	55.5	56.7	57.5	57.6	58.2	58.2	58.2	58.2	58.2	58.4	58.4	58.5	58.5	58.5
≥ 600	45.7	54.9	57.3	58.5	59.5	59.7	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.5	60.5	60.5
≥ 500	48.3	58.3	60.8	62.2	63.1	63.3	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.2	64.2	64.2
≥ 450	50.5	61.4	63.9	65.3	66.5	66.7	67.3	67.4	67.4	67.4	67.4	67.6	67.6	67.7	67.7	67.7
≥ 400	52.5	64.1	66.7	68.2	69.4	69.7	70.3	70.4	70.4	70.5	70.5	70.8	70.8	70.9	70.9	70.9
≥ 350	54.6	66.7	69.2	70.9	72.2	72.5	73.1	73.2	73.2	73.3	73.3	73.5	73.5	73.7	73.7	73.7
≥ 300	56.6	69.7	72.3	74.1	75.4	75.7	76.5	76.6	76.6	76.7	76.7	76.7	76.9	76.9	77.0	77.0
≥ 250	60.1	74.1	76.9	79.0	80.3	80.8	81.8	81.9	81.9	82.0	82.0	82.0	82.3	82.3	82.4	82.4
≥ 200	62.3	77.0	79.9	82.6	84.0	84.5	86.3	86.5	86.5	86.6	86.6	86.6	86.8	86.8	86.9	86.9
≥ 160	62.9	78.1	81.2	84.1	85.6	86.1	88.1	88.2	88.2	88.3	88.3	88.3	88.6	88.6	88.7	88.7
≥ 140	63.5	78.9	82.0	85.1	86.7	87.3	89.4	89.5	89.5	89.7	89.7	89.7	90.0	90.0	90.1	90.1
≥ 120	64.0	80.1	83.3	86.3	88.0	88.6	90.8	90.9	90.9	91.1	91.3	91.3	91.6	91.6	91.7	91.7
≥ 100	64.1	81.1	84.7	88.2	89.8	90.5	92.7	92.8	92.8	93.0	93.2	93.2	93.5	93.5	93.7	93.7
≥ 90	64.2	81.3	84.9	88.8	90.4	91.2	93.3	93.4	93.4	93.7	93.9	93.9	94.2	94.2	94.3	94.3
≥ 80	64.2	81.6	85.3	89.4	91.0	91.8	94.1	94.2	94.2	94.5	94.7	94.7	95.1	95.1	95.2	95.2
≥ 70	64.2	81.8	85.5	89.7	91.3	92.3	94.5	94.6	94.6	94.9	95.2	95.2	95.6	95.6	95.8	95.8
≥ 60	64.2	81.9	85.6	89.9	91.5	92.5	94.8	94.9	95.1	96.0	96.2	96.2	96.7	96.7	96.9	96.9
≥ 50	64.2	81.9	85.6	90.0	91.7	92.7	95.1	95.3	95.4	96.6	96.8	96.8	97.2	97.2	97.4	97.4
≥ 40	64.2	81.9	85.6	90.0	91.7	92.7	95.4	95.8	95.9	97.2	97.8	97.8	98.6	98.6	98.8	98.8
≥ 30	64.2	81.9	85.6	90.0	91.7	92.7	95.5	95.9	96.0	97.5	98.3	98.3	99.1	99.1	99.4	99.4
≥ 20	64.2	81.9	85.6	90.0	91.7	92.7	95.5	95.9	96.0	97.6	98.5	98.5	99.5	99.5	99.7	99.7
≥ 10	64.2	81.9	85.6	90.0	91.7	92.7	95.5	95.9	96.0	97.6	98.5	98.5	99.5	99.5	99.7	99.8
0	64.2	81.9	85.6	90.0	91.7	92.7	95.5	95.9	96.0	97.6	98.5	98.5	99.5	99.5	99.8	0.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72268 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-87 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

1200-1400

VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
≥ 12000	38.5	38.8	38.9	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.8	38.9	38.8	38.8
10000	44.7	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
9000	44.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
8000	44.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
7000	45.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
6000	47.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
5000	50.0	55.9	56.0	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
4500	51.1	57.1	57.1	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
4000	52.9	59.4	59.4	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
3500	54.2	61.3	61.3	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
3000	55.3	62.7	62.8	63.1	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
2500	57.6	65.4	65.5	65.9	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
2000	61.6	69.0	69.5	69.9	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
1800	62.4	71.1	71.5	71.9	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
1600	65.2	74.4	74.8	75.3	76.3	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
1400	68.8	78.6	79.1	79.6	80.6	80.6	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
1200	71.3	82.2	82.8	83.3	84.5	84.6	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
1000	74.3	86.3	87.3	88.1	89.5	89.7	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
900	74.8	87.3	88.4	89.2	90.6	90.9	91.2	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
800	75.3	88.2	89.2	90.2	91.6	91.8	92.3	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.6	92.8	92.8	92.8
700	75.5	89.4	90.4	91.7	93.1	93.3	93.8	94.2	94.2	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
600	75.7	90.3	91.4	93.2	94.4	94.6	95.1	95.5	95.5	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
500	75.7	90.6	91.7	93.3	94.9	95.2	95.7	96.2	96.2	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
400	75.7	90.6	91.7	93.3	94.9	95.2	95.7	96.2	96.2	96.7	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1
300	75.7	90.6	91.7	93.3	94.9	95.2	95.9	96.3	96.3	97.0	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4
200	75.7	90.6	91.8	93.4	95.1	95.3	96.7	96.6	96.8	97.4	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8
100	75.7	90.6	91.9	93.4	95.1	95.4	96.1	96.7	96.7	97.8	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3
000	75.7	90.8	91.9	93.7	95.3	95.7	96.8	97.4	97.4	99.2	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8
100	75.7	90.8	91.9	93.7	95.3	95.7	96.8	97.4	97.4	99.2	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9
200	75.7	90.8	91.9	93.7	95.3	95.7	96.8	97.4	97.4	99.2	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9
300	75.8	90.9	92.0	93.8	95.4	95.8	96.9	97.5	97.5	99.4	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
400	75.8	90.9	92.0	93.8	95.4	95.8	96.9	97.5	97.5	99.4	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726 MCGHEE TYSON AIRPORT TN 74-67 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

AF-F-2700

VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)

CEILING FEET	GE10	GE6	GE5	GE4	GE3	GE2½	GE2	GE1¾	GE1½	GE1¼	GE1	GE¾	GE½	GE¼	GE0
GE UNL	79.0	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 25000	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 20000	52.4	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	52.5
GE 15000	52.9	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 12000	53.6	53.7	53.8	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 10000	57.1	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 9000	60.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 8000	58.8	62.0	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
GE 7000	59.9	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 6000	61.7	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 5000	64.1	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	68.1	73.4	73.8	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	72.2	76.2	76.6	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	73.0	79.1	79.5	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	74.6	80.8	81.1	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	77.0	84.1	84.4	85.1	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	79.0	87.2	87.5	88.2	88.6	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	80.3	89.1	89.6	90.3	90.8	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1600	80.8	89.7	90.1	90.9	91.3	91.5	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 1400	81.1	90.5	91.1	91.9	92.4	92.7	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200	81.3	91.2	91.7	92.7	93.2	93.7	94.1	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6
GE 1000	81.4	91.8	92.5	93.4	94.2	94.6	95.1	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6
GE 900	81.4	92.0	92.7	93.9	94.7	95.2	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1
GE 800	81.4	92.2	92.9	94.1	94.9	95.4	95.9	96.2	96.2	96.5	96.6	96.6	96.6	96.6	96.6
GE 700	81.4	92.4	93.1	94.3	95.3	95.9	96.6	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3
GE 600	81.4	92.4	93.0	94.5	95.5	96.1	96.9	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6
GE 500	81.4	92.4	93.0	94.5	95.5	96.2	97.1	97.4	97.4	98.4	98.5	98.5	98.5	98.5	98.5
GE 400	81.4	92.4	93.1	94.6	95.6	96.3	97.1	97.5	97.5	98.7	98.8	98.8	98.9	98.9	98.9
GE 300	81.4	92.4	93.1	94.6	95.6	96.3	97.1	97.6	97.7	98.9	99.0	99.0	99.1	99.1	99.1
GE 200	81.4	92.4	93.1	94.6	95.6	96.3	97.1	98.2	98.3	99.5	99.7	99.7	99.8	99.8	99.8
GE 100	81.4	92.4	93.0	94.6	95.6	96.3	97.1	98.2	98.3	99.5	99.7	99.7	99.8	99.8	99.8
GE 0	81.4	92.4	93.0	94.6	95.6	96.3	97.1	98.2	98.3	99.5	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] MEMPHIS INTERNATIONAL AIRPORT TN [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible] (HUNDREDS OF METERS)

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	42.6	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
[illegible]	52.0	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
[illegible]	52.7	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
[illegible]	53.1	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
[illegible]	54.4	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
[illegible]	56.5	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
[illegible]	58.7	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
[illegible]	62.6	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
[illegible]	62.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
[illegible]	65.2	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
[illegible]	68.9	71.6	71.9	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	74.2	72.2	72.2	72.2	72.2
[illegible]	72.8	76.9	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
[illegible]	75.4	80.1	80.5	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
[illegible]	76.9	81.8	82.4	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
[illegible]	78.5	83.9	84.4	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
[illegible]	80.1	85.9	86.6	87.0	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
[illegible]	81.3	87.6	88.4	88.9	89.2	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
[illegible]	82.0	89.2	90.0	90.6	91.2	91.4	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
[illegible]	82.2	89.8	90.9	91.3	91.8	92.0	92.0	92.5	92.5	92.8	92.9	92.8	92.8	92.9	92.8	92.8
[illegible]	82.3	90.1	90.9	91.7	92.3	92.5	92.7	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
[illegible]	82.8	91.2	91.9	93.0	93.9	94.2	94.5	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
[illegible]	82.8	91.3	92.0	93.2	94.1	94.4	94.7	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
[illegible]	82.8	91.4	92.4	93.5	94.5	94.8	95.2	95.7	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.2
[illegible]	82.8	91.6	92.6	94.0	94.9	95.3	95.7	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
[illegible]	82.8	91.6	92.8	94.0	95.1	95.4	95.8	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
[illegible]	82.8	91.6	92.8	94.1	95.4	95.6	96.2	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6
[illegible]	82.8	91.6	92.8	94.2	95.5	95.9	96.6	97.6	97.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6
[illegible]	82.8	91.6	92.8	94.2	95.6	96.0	96.7	97.7	97.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
[illegible]	82.8	91.6	92.8	94.2	95.6	96.0	96.8	98.0	98.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6
[illegible]	82.8	91.6	92.8	94.2	95.6	96.0	96.9	98.2	98.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9
[illegible]	82.8	91.6	92.8	94.2	95.6	96.0	96.9	98.2	98.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9
[illegible]	82.8	91.6	92.8	94.2	95.6	96.0	96.9	98.2	98.2	99.5	99.8	99.8	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

MEMPHIS MEMPHIS INTERNATIONAL AIRPORT TN [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible] OR (GREATER THAN OR EQUAL TO)

[illegible]	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	[illegible]	[illegible]
[illegible]	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	55.6	55.6	[illegible]	[illegible]
[illegible]	55.6	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	55.7	[illegible]	[illegible]
[illegible]	55.6	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	55.7	[illegible]	[illegible]
[illegible]	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	[illegible]	[illegible]
[illegible]	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	[illegible]	[illegible]
[illegible]	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	[illegible]	[illegible]
[illegible]	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	[illegible]	[illegible]
[illegible]	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	[illegible]	[illegible]
[illegible]	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	[illegible]	[illegible]
[illegible]	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	[illegible]	[illegible]
[illegible]	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	[illegible]	[illegible]
[illegible]	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	[illegible]	[illegible]
[illegible]	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	[illegible]	[illegible]
[illegible]	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	[illegible]	[illegible]
[illegible]	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	[illegible]	[illegible]
[illegible]	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	[illegible]	[illegible]
[illegible]	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	[illegible]	[illegible]
[illegible]	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	[illegible]	[illegible]
[illegible]	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	[illegible]	[illegible]
[illegible]	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	[illegible]	[illegible]
[illegible]	94.8	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	[illegible]	[illegible]
[illegible]	95.3	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	[illegible]	[illegible]
[illegible]	95.4	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	[illegible]	[illegible]
[illegible]	95.4	95.9	96.7	96.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9	[illegible]	[illegible]
[illegible]	95.6	96.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.7	[illegible]	[illegible]
[illegible]	95.7	96.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.7	[illegible]	[illegible]
[illegible]	95.8	96.3	97.5	97.5	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	[illegible]	[illegible]
[illegible]	95.9	95.7	98.2	98.2	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	[illegible]	[illegible]
[illegible]	96.	96.9	98.4	98.4	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	[illegible]	[illegible]
[illegible]	96.	97.1	98.6	98.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

MEMPHIS TYSON AIRPORT TN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

VISIBILITY (STATUTE MILES)

CEILING (HUNDREDS OF METERS)

	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
≥610	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥488	46.7	46.7	46.7	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥366	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥305	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥244	51.5	51.5	51.5	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.1	52.2	52.2
≥213	52.9	53.0	53.0	53.0	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.6	54.7
≥183	55.5	55.6	55.6	56.1	56.3	56.4	56.5	56.5	56.5	56.5	56.6	56.6	56.7	56.7	56.8	56.9
≥152	57.1	57.2	57.8	58.2	58.5	58.5	58.7	58.7	58.7	58.7	58.8	58.9	58.9	59.0	59.0	59.1
≥122	58.7	59.0	59.4	59.9	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.7	60.8
≥91	61.2	61.2	61.7	62.5	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.3	63.3
≥61	63.7	64.0	64.5	65.1	65.5	65.5	65.7	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.1	66.2
≥46	67.5	67.8	68.4	69.3	69.7	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.3	70.4	70.5
≥30	71.1	72.1	73.1	73.6	73.7	73.9	74.0	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.3	74.5
≥23	73.1	74.1	75.3	75.8	76.0	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.6	76.6	76.7	76.8
≥15	75.7	76.8	78.1	78.7	78.8	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.5	79.7
≥ 9	79.1	80.9	82.1	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.1	83.2
≥ 6	81.7	83.6	85.1	84.6	85.3	85.4	85.9	86.1	86.1	86.2	86.3	86.3	86.4	86.4	86.5	86.7
≥ 3	82.4	84.1	85.6	87.3	88.1	88.2	88.9	89.1	89.2	89.3	89.3	89.3	89.5	89.5	89.6	89.7
≥ 2	82.8	84.9	86.4	88.3	89.1	89.3	89.9	90.2	90.3	90.4	90.5	90.5	90.6	90.6	90.8	91.0
≥ 1	83.1	85.8	87.4	89.3	90.1	90.3	91.1	91.4	91.4	91.6	91.7	91.7	91.8	91.8	92.0	92.1
≥ 0	83.3	86.8	88.5	90.5	91.4	91.7	92.6	92.9	93.0	93.1	93.2	93.2	93.4	93.4	93.5	93.7
	83.4	87.2	89.1	91.3	92.2	92.5	93.4	93.9	93.9	94.1	94.2	94.2	94.4	94.4	94.5	94.7
	83.4	87.5	89.4	91.7	92.7	93.0	94.0	94.4	94.4	94.7	94.8	94.8	95.0	95.0	95.1	95.2
	83.4	87.6	89.6	91.9	92.9	93.2	94.3	94.7	94.8	95.1	95.1	95.2	95.4	95.4	95.5	95.6
	83.4	87.7	89.7	92.1	93.1	93.5	94.5	95.1	95.1	95.4	95.5	95.5	95.8	95.8	95.9	96.0
	83.5	87.8	89.8	92.3	93.4	93.7	94.8	95.5	95.5	96.0	96.1	96.1	96.4	96.4	96.5	96.6
	83.5	87.8	89.8	92.5	93.6	94.0	95.2	96.0	96.0	96.7	96.9	96.9	97.1	97.1	97.3	97.4
	83.5	87.8	89.9	92.6	93.9	94.3	95.7	96.6	96.6	97.7	97.8	97.9	98.2	98.2	98.4	98.5
	83.5	87.9	89.9	92.7	93.9	94.4	95.8	96.8	96.9	98.0	98.3	98.3	98.7	98.7	98.9	99.0
	83.5	87.9	89.9	92.7	94.0	94.4	95.9	97.1	97.2	98.3	98.6	98.6	99.1	99.1	99.4	99.5
	83.5	87.9	89.9	92.8	94.0	94.4	96.0	97.2	97.3	98.4	98.8	98.8	99.3	99.3	99.7	99.9
	83.5	87.9	89.9	92.8	94.0	94.4	96.0	97.2	97.3	98.4	98.8	98.8	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7442

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] MEMPHIS TAXON AIRPORT TN [illegible] 74-67 [illegible] APR

STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]

CEILING VERSUS VISIBILITY (HUNDREDS OF METERS)

	GT 9	GE 9	GE 8	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2½	GE 2	GE 1½	GE 1	GE ¾	GE ½	GE ¼	GE 0	
	48.6	51.8	51.9	52.0	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
	55.2	59.2	59.7	59.4	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
	55.6	59.8	59.9	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
	55.6	59.8	59.9	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
	57.1	61.7	61.8	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
	61.0	64.8	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
	61.3	66.2	66.6	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
	64.0	69.3	69.7	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	65.7	71.3	71.7	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
	68.3	74.6	74.9	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
	73.7	77.6	77.9	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
	74.8	80.3	80.9	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
	77.0	85.7	86.4	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
	77.7	86.4	87.6	87.9	88.1	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
	78.6	88.1	89.3	89.9	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	79.2	89.2	90.4	91.3	91.6	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	81.3	91.2	92.4	93.4	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
	81.4	92.8	94.1	95.2	95.4	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	81.8	93.3	94.7	95.8	96.0	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
	82.1	93.7	95.0	96.1	96.3	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	82.2	93.8	95.1	96.4	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	82.3	94.1	95.4	97.0	97.4	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	82.4	94.4	95.8	97.6	98.1	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	82.4	94.4	95.8	97.7	98.3	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	82.4	94.4	95.8	97.8	98.4	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	82.4	94.4	95.8	97.8	98.4	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	82.4	94.6	95.9	98.0	98.9	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	82.4	94.6	95.9	98.0	98.9	99.0	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	82.4	94.6	95.9	98.0	98.9	99.0	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	82.4	94.6	95.9	98.1	99.0	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	82.4	94.6	95.9	98.1	99.0	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	82.4	94.6	95.9	98.1	99.0	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 576

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726 — MCGHEE TYSON AIRPORT TN — 74-67 — APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-2200

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16.0)	≥6 (9.6)	≥5 (8.0)	≥4 (6.4)	≥3 (4.8)	≥2½ (4.0)	≥2 (3.2)	≥1½ (2.4)	≥1¼ (2.0)	≥1 (1.6)	¾ (1.2)	½ (.8)	≥5/16 (.5)	¼ (.4)	0 (0.0)
CLR	47.4	54.1	54.4	54.4	54.6	54.6	55.1	55.1	55.1	55.1	55.1	55.4	55.4	55.4	55.4
1-2500	51.3	58.6	58.9	59.0	59.1	59.1	59.6	59.7	59.7	59.7	59.7	60.1	60.1	60.1	60.1
2500-6000	51.4	59.0	59.3	59.4	59.6	59.6	60.0	60.1	60.1	60.1	60.1	60.5	60.6	60.6	60.6
6000-12000	51.4	59.0	59.3	59.4	59.6	59.6	60.1	60.1	60.1	60.1	60.1	60.6	60.6	60.6	60.6
12000-18000	51.9	59.4	59.8	59.9	60.0	60.0	60.4	60.6	60.6	60.6	60.6	61.0	61.0	61.0	61.0
18000-25000	54.3	62.2	62.6	62.7	62.8	62.8	63.2	63.3	63.3	63.3	63.3	63.8	63.8	63.8	63.8
25000-30000	55.9	64.0	64.4	64.6	64.7	64.7	65.1	65.2	65.2	65.2	65.2	65.7	65.7	65.7	65.7
30000-35000	58.9	67.9	68.3	68.4	68.6	68.6	69.0	69.3	69.3	69.3	69.3	69.8	69.8	69.8	69.8
35000-40000	69.7	70.2	70.8	70.9	71.0	71.0	71.7	71.8	71.8	71.8	71.8	72.2	72.2	72.2	72.2
40000-45000	61.8	71.4	72.1	72.2	72.3	72.3	73.0	73.1	73.1	73.1	73.1	73.6	73.6	73.6	73.6
45000-50000	62.9	73.3	74.0	74.1	74.2	74.2	74.9	75.0	75.0	75.0	75.0	75.4	75.4	75.4	75.4
50000-55000	66.2	77.7	78.4	78.7	79.0	79.0	79.7	79.8	79.8	79.8	79.8	80.2	80.2	80.2	80.2
55000-60000	67.8	79.9	81.0	81.1	81.4	81.4	82.1	82.2	82.2	82.2	82.2	82.7	82.7	82.7	82.7
60000-65000	69.3	81.8	83.0	83.2	83.6	83.6	84.2	84.3	84.3	84.3	84.3	84.9	84.9	84.9	84.9
65000-70000	71.9	84.7	85.9	86.6	86.9	86.9	87.6	87.7	87.7	87.7	87.7	88.2	88.2	88.2	88.2
70000-75000	72.8	86.1	87.4	88.1	88.4	88.4	89.1	89.2	89.2	89.2	89.2	89.8	89.8	89.8	89.8
75000-80000	74.6	89.1	90.4	1.4	91.8	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.1	93.1	93.1
80000-85000	75.6	90.7	92.2	93.2	93.6	93.6	94.2	94.4	94.4	94.6	94.6	94.6	95.1	95.1	95.1	95.1
85000-90000	75.7	90.9	92.6	93.8	94.2	94.2	94.9	95.1	95.1	95.2	95.2	95.2	95.8	95.8	95.8	95.8
90000-95000	75.8	91.3	93.1	94.6	95.0	95.0	95.7	95.9	95.9	96.0	96.0	96.0	96.6	96.6	96.6	96.6
95000-100000	76.1	91.9	93.7	95.2	95.7	95.7	96.3	96.7	96.7	96.8	96.8	96.8	97.3	97.3	97.3	97.3
100000-105000	76.2	92.0	93.8	95.7	96.1	96.1	96.8	97.1	97.1	97.2	97.2	97.2	97.8	97.8	97.8	97.8
105000-110000	76.2	92.1	93.9	95.8	96.3	96.3	97.0	97.3	97.3	97.4	97.4	97.4	98.0	98.0	98.0	98.0
110000-115000	76.2	92.3	94.1	96.0	96.6	96.6	97.2	97.7	97.7	97.8	97.8	97.8	98.3	98.3	98.3	98.3
115000-120000	76.2	92.3	94.1	96.2	96.8	96.8	97.4	97.9	97.9	98.0	98.0	98.0	98.6	98.6	98.6	98.6
120000-125000	76.2	92.3	94.1	96.3	96.9	96.9	97.6	98.1	98.1	98.2	98.2	98.2	98.8	98.8	98.8	98.8
125000-130000	76.2	92.7	94.4	96.8	97.4	97.4	98.1	98.7	98.7	98.8	98.8	98.8	99.3	99.3	99.3	99.3
130000-135000	76.2	92.7	94.4	96.8	97.4	97.4	98.1	98.7	98.7	98.8	98.8	98.8	99.3	99.3	99.3	99.3
135000-140000	76.2	92.7	94.4	96.8	97.4	97.4	98.1	98.7	98.7	98.8	98.9	98.9	99.4	99.4	99.4	99.4
140000-145000	76.2	92.7	94.4	96.9	97.6	97.6	98.2	98.8	98.8	98.9	99.0	99.0	99.7	99.7	99.8	99.8
145000-150000	76.2	92.7	94.4	97.0	97.7	97.7	98.4	99.0	99.0	99.1	99.2	99.2	99.9	99.9	100.0	100.0
150000+	76.2	92.7	94.4	97.0	97.7	97.7	98.4	99.0	99.0	99.1	99.2	99.2	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72726 MCGHEE TYSON AIRPORT TN 74-82 APR
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

HOUR(S) LST

VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)

CEILING FEET	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥1½ GE2	≥1 GE1½	≥¾ GE1	≥½ GE¾	≥¼ GE½	<¼ GE0	
UNL	42.6	48.1	49.7	49.6	49.9	51.1	51.7	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.4	51.4
20000	47.1	54.2	55.1	55.7	56.0	56.2	57.1	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.9
15000	47.1	54.3	55.2	55.8	56.1	56.3	57.2	57.3	57.3	57.4	57.4	57.4	57.6	57.6	57.6	57.6	58.
10000	47.2	54.4	55.3	55.9	56.2	56.4	57.3	57.4	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.7	58.1
9000	48.6	56.1	57.	57.6	57.9	58.1	59.	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.9
8000	50.1	57.7	58.6	59.1	59.4	59.7	60.6	60.7	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	61.3
7000	50.7	58.7	59.7	60.3	60.7	60.9	61.8	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.8
6000	53.	61.9	62.9	63.8	64.2	64.4	65.4	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.4
5000	54.9	64.6	65.7	66.6	67.0	67.3	68.3	68.6	68.6	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.3
4500	56.3	66.3	67.4	68.3	68.8	69.2	70.2	70.4	70.4	70.8	70.8	70.8	70.9	70.9	70.9	70.9	71.3
4000	58.2	68.7	69.8	70.7	71.1	71.6	72.6	72.8	72.8	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.7
3500	61.7	71.9	73.1	74.2	74.8	75.2	76.3	76.7	76.7	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.6
3000	63.1	74.6	75.8	77.2	78.0	78.4	79.6	79.9	79.9	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.8
2500	64.1	76.4	77.9	79.4	80.3	80.8	81.9	82.2	82.2	82.6	82.7	82.7	82.8	82.8	82.8	82.8	83.2
2000	65.1	78.0	79.6	81.6	82.6	83.0	84.2	84.6	84.6	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.7
1800	66.4	80.7	82.4	84.4	85.6	86.0	87.3	87.7	87.7	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.8
1600	67.3	82.2	84.	86.3	87.4	87.9	89.3	89.7	89.7	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.9
1400	67.8	83.0	86.9	89.2	90.3	90.8	92.3	92.8	92.8	93.1	93.4	93.4	93.6	93.6	93.6	93.6	94.0
1200	69.2	85.7	87.7	90.0	91.1	91.6	93.2	93.7	93.7	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.9
1000	69.8	86.2	88.2	90.6	91.8	92.2	94.0	94.4	94.4	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.7
900	70.2	87.3	89.3	91.9	93.1	93.6	95.7	96.1	96.1	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.4
800	70.4	87.8	89.8	92.3	93.6	94.0	96.1	96.6	96.6	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.9
700	70.4	88.0	90.1	92.8	94.0	94.4	96.6	97.0	97.0	97.4	97.8	97.8	97.9	97.9	97.9	97.9	98.3
600	70.4	88.0	90.1	92.8	94.0	94.4	96.6	97.0	97.0	97.4	97.9	97.9	98.1	98.1	98.1	98.1	98.6
500	70.4	88.0	90.1	92.8	94.0	94.4	96.7	97.1	97.1	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.7
400	70.4	88.0	90.1	92.8	94.0	94.4	96.7	97.1	97.1	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.7
300	70.4	88.0	90.1	93.0	94.2	94.7	96.9	97.3	97.3	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.9
200	70.4	88.1	90.2	93.1	94.3	94.8	97.1	97.4	97.4	97.9	98.3	98.3	98.6	98.6	98.6	98.6	99.0
150	70.4	88.1	90.2	93.1	94.3	94.8	97.2	97.6	97.6	98.1	98.6	98.6	98.8	98.8	98.8	98.9	99.3
100	70.4	88.1	90.2	93.1	94.3	94.8	97.1	97.9	97.9	98.4	98.9	98.9	99.1	99.1	99.2	99.2	99.9
50	70.4	88.1	90.2	93.1	94.3	94.8	97.1	97.9	97.9	98.4	98.9	98.9	99.1	99.1	99.2	100.0	
	70.4	88.1	90.2	93.1	94.3	94.8	97.1	97.9	97.9	98.4	98.9	98.9	99.1	99.1	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 992

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS 0700-1000

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE3	≥2 GE2½	≥1¾ GE2	≥1½ GE1¾	≥1¼ GE1½	≥1 GE1¼	≥¾ GE1	≥½ GE¾	≥¼ GE½	≥0 GE¼	
UNLIM	46.3	49.4	49.8	50.7	50.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
20000	56.2	60.1	60.6	61.5	61.7	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
18000	56.2	60.1	60.6	61.5	61.7	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
16000	56.2	60.1	60.6	61.5	61.7	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
14000	57.3	61.2	61.7	62.6	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
12000	58.7	62.7	63.3	64.2	64.5	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
11000	60.1	64.6	65.3	66.2	66.6	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
10000	61.7	66.7	67.5	68.4	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
9000	62.6	68.1	69.0	69.9	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
8000	64.1	69.9	71.0	71.7	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
7000	65.9	71.9	72.7	74.1	74.6	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
6000	67.9	74.6	75.5	77.2	77.9	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
5000	69.1	76.0	76.9	78.8	79.4	79.5	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
4500	70.4	77.6	78.5	80.5	81.5	81.6	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
4000	71.6	79.0	79.9	82.1	83.4	83.5	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
3500	72.7	80.6	81.5	84.0	85.7	85.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
3000	75.2	83.4	84.4	87.2	89.0	89.1	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
2500	76.9	86.2	87.4	90.3	92.3	92.5	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
2000	77.5	87.2	88.5	91.4	93.5	93.9	95.1	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1800	77.9	87.7	89.1	92.1	94.2	94.7	96.0	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1600	78.2	88.4	90.0	93.1	95.2	95.7	97.1	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1400	78.2	88.7	90.2	93.3	95.4	95.9	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1200	78.2	88.9	90.4	93.5	95.7	96.1	97.7	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6
1000	78.2	88.9	90.4	93.5	95.7	96.1	97.7	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6
900	78.2	89.0	90.5	93.7	95.8	96.2	97.8	98.2	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7
800	78.2	89.0	90.5	93.7	95.9	96.3	97.9	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8
700	78.2	89.0	90.5	93.8	96.1	96.6	98.1	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1
600	78.2	89.0	90.7	94.0	96.4	97.0	98.8	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8
500	78.2	89.0	90.7	94.0	96.4	97.0	99.0	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
400	78.2	89.0	90.7	94.0	96.4	97.0	99.0	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
300	78.2	89.0	90.7	94.0	96.4	97.0	99.0	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
200	78.2	89.0	90.7	94.0	96.4	97.0	99.0	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
100	78.2	89.0	90.7	94.0	96.4	97.0	99.0	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	78.2	89.0	90.7	94.0	96.4	97.0	99.0	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726 MCGHEE TYSON AIRPORT TN 74-87 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE0	≥5/16 GE0	≥0 GE0	
NO CEILING	47.3	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	58.4	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	58.6	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 17000	58.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	59.8	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 15000	62.3	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 14000	64.2	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 13000	65.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	65.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 11000	66.7	71.1	71.3	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	67.9	72.6	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	72.7	78.1	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	76.3	82.4	82.8	82.9	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	78.4	84.8	85.2	85.3	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6500	87.2	87.1	87.6	87.8	87.9	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	82.9	90.3	90.8	91.1	91.2	91.6	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5500	84.3	92.1	92.9	93.3	93.6	93.9	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	85.1	93.4	94.2	94.7	95.0	95.3	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4500	85.6	94.1	94.9	95.3	95.7	96.0	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	85.7	94.6	95.3	95.8	96.1	96.4	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	85.9	95.4	96.2	96.8	97.1	97.4	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	86.0	95.7	96.4	97.1	97.4	97.8	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	86.1	95.9	96.7	97.3	97.8	98.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	86.1	95.9	96.7	97.3	97.8	98.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	86.1	95.9	96.7	97.3	97.8	98.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1600	86.1	95.9	96.7	97.3	97.8	98.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1400	86.2	96.0	96.8	97.4	97.9	98.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	86.2	96.0	96.9	97.7	98.1	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	86.2	96.0	96.9	97.7	98.1	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	86.2	96.0	96.9	97.7	98.1	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	86.2	96.0	96.9	97.7	98.1	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	86.2	96.0	96.9	97.7	98.1	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.2	96.0	96.9	97.7	98.1	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.2	96.0	96.9	97.7	98.1	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.2	96.0	96.9	97.7	98.1	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.2	96.0	96.9	97.7	98.1	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.2	96.0	96.9	97.7	98.1	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 OCT-1987

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GT9 1	≥6 5090	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE2	≥1¼ GE16	≥1 GE12	≥¾ GE10	≥½ GE8	≥5/16 GE5	≥¼ GE4	≥0 GE0
UNLIM	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
20000	61.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
18000	61.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
16000	61.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
14000	62.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
12000	65.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
10000	67.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
9000	69.6	71.8	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
8000	70.7	73.2	73.3	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
7000	72.1	74.9	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
6000	74.2	77.2	77.4	77.4	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
5000	78.9	82.7	82.9	82.9	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
4500	81.3	85.4	85.7	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
4000	83.2	88.2	88.2	88.3	88.4	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
3500	85.2	91.6	91.8	91.9	91.0	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
3000	86.6	92.8	93.0	93.2	93.3	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2500	87.4	94.7	95.0	95.3	95.4	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2200	88.9	96.6	97.0	97.4	97.6	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2000	89.0	96.9	97.3	97.8	97.9	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1800	89.3	97.0	97.4	97.9	98.0	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1600	89.0	97.1	97.7	98.1	98.2	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1400	89.0	97.2	97.8	98.2	98.3	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1200	89.0	97.2	97.8	98.2	98.3	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1000	89.0	97.2	97.8	98.2	98.3	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
900	89.0	97.2	97.8	98.2	98.3	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
800	89.0	97.2	97.8	98.4	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	89.0	97.2	97.8	98.4	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	89.0	97.2	97.8	98.4	98.6	98.9	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	89.0	97.2	97.8	98.4	98.6	98.9	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	89.0	97.2	97.8	98.4	98.6	98.9	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	89.0	97.2	97.8	98.4	98.6	98.9	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	89.0	97.2	97.8	98.4	98.6	98.9	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	89.0	97.2	97.8	98.4	98.6	98.9	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	89.0	97.2	97.8	98.4	98.6	98.9	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 MCGHEE TYSON AIRPORT TN 74-87 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS 13-22LST

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	≥10 GE9	≥6 GE8	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥2 GE2	≥1½ GE2	≥1 GE1½	¾ GE1	½ GE¾	¼ GE½	0 GE¼	0 GE0
NO CEILING	50.1	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	61.4	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	61.6	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	61.8	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	62.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	66.4	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	66.1
≥ 11000	68.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	70.8	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	72.2	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	74.3	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	76.1	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	79.7	83.6	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	82.0	87.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4500	83.3	89.0	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	85.2	92.2	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	86.4	94.3	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	87.2	95.4	96.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	87.9	96.3	96.9	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	88.0	96.6	97.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	88.0	96.9	97.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1600	88.0	96.9	97.4	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1400	88.0	96.9	97.4	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	88.0	96.9	97.4	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	88.0	96.9	97.4	98.8	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	88.0	96.9	97.4	98.9	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	88.0	96.9	97.4	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	88.0	96.9	97.4	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	88.0	96.9	97.4	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	88.0	96.9	97.4	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.0	96.9	97.4	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.0	96.9	97.4	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.0	96.9	97.4	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.0	96.9	97.4	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	88.0	96.9	97.4	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 MCGHEE TYSON AIRPORT TN 74-67 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1300-2300

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 GT9.1	≥6 5009	≥5 GE8	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.1	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥¼ GE.8	≥⅛ GE.5	≥0 GE.4	≥0 GE
≥UNL	50.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥20000	58.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥15000	58.8	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥12000	58.8	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥10000	62.2	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥9000	63.0	65.5	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥8000	65.0	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥7000	68.1	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥6000	69.7	73.2	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥5000	72.9	76.8	76.9	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥4500	74.9	79.4	79.5	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥4000	78.9	84.0	84.2	84.6	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥3500	79.1	86.1	86.4	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥3000	80.4	88.3	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥2500	82.7	90.3	91.8	91.9	91.9	92.0	92.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥2000	83.2	92.5	93.1	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥1800	83.3	93.3	94.1	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥1600	83.9	94.3	95.3	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1400	83.9	94.5	95.6	97.2	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1200	84.1	95.0	96.0	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥1000	84.1	95.0	96.1	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥900	84.1	95.1	96.2	98.3	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥800	84.1	95.1	96.3	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥700	84.1	95.1	96.3	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥600	84.1	95.1	96.3	98.9	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥500	84.1	95.3	96.6	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥400	84.1	95.3	96.6	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥300	84.1	95.3	96.6	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥200	84.1	95.3	96.6	99.3	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	84.1	95.3	96.6	99.3	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84.1	95.3	96.6	99.3	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-87 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE7	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1½ GE1½	≥1 GE1	¾ GE¾	½ GE½	¼ GE¼	≥0 GE0
UNLIMITED	47.9	50.9	51.2	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.9
≥ 20000	56.2	60.0	60.3	60.5	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0
≥ 15000	56.3	60.2	60.5	60.7	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
≥ 10000	56.4	60.3	60.6	60.8	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
≥ 9000	57.5	61.6	61.8	62.1	62.1	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.6
≥ 8000	57.8	61.9	62.1	62.4	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.9
≥ 7000	58.1	62.2	62.4	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.2
≥ 6000	58.8	62.9	63.2	63.4	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.0
≥ 5000	59.4	63.6	63.8	64.1	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.7
≥ 4500	59.6	63.8	64.0	64.3	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.9
≥ 4000	59.8	64.0	64.2	64.5	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.1
≥ 3500	60.0	64.2	64.4	64.7	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3
≥ 3000	60.2	64.4	64.6	64.9	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5
≥ 2500	60.5	64.7	64.9	65.2	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.8
≥ 2000	61.1	65.3	65.5	65.8	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.4
≥ 1800	61.3	65.5	65.7	66.0	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.6
≥ 1500	61.5	65.7	65.9	66.2	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.8
≥ 1200	61.7	65.9	66.1	66.4	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	67.0
≥ 1000	61.8	66.0	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
≥ 900	61.8	66.0	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
≥ 800	61.8	66.0	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
≥ 700	61.8	66.0	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
≥ 600	61.8	66.0	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
≥ 500	61.8	66.0	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
≥ 400	61.8	66.0	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
≥ 300	61.8	66.0	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
≥ 200	61.8	66.0	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
≥ 100	61.8	66.0	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
0	61.8	66.0	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1

TOTAL NUMBER OF OBSERVATIONS 7198

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

72726 MCGHEE TYSON AIRPORT TN 74-87 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)

CEILING FEET	≥10 (16)	≥6 (10)	≥5 (8)	≥4 (6.4)	≥3 (5)	≥2½ (4)	≥2 (3.2)	≥1½ (2.4)	≥1 (2)	≥¾ (1.2)	≥½ (1.0)	≥⅜ (0.8)	≥¼ (0.6)	≥0 (0.4)
	31.3	41.6	45.7	49.2	51.2	50.3	51.3	51.6	51.6	52.4	52.4	52.4	52.6	52.6	53.0	53.2
	35.1	46.5	50.6	54.8	55.8	55.9	57.0	57.3	57.3	58.2	58.2	58.2	58.4	58.4	58.8	59.
8000	35.6	47.0	51.2	55.4	56.3	56.5	57.5	57.8	57.8	58.7	58.7	58.7	58.9	58.9	59.4	59.6
7000	35.6	47.0	51.2	55.4	56.3	56.5	57.5	57.8	57.8	58.7	58.7	58.7	58.9	58.9	59.4	59.6
6000	36.1	48.0	52.3	56.8	57.7	57.8	58.9	59.2	59.2	60.1	60.1	60.1	60.3	60.3	60.8	61.0
5000	37.3	49.6	53.9	58.6	59.7	59.9	61.0	61.4	61.4	62.3	62.3	62.3	62.5	62.5	63.0	63.1
4500	39.0	51.7	56.1	61.2	62.3	62.5	63.5	64.0	64.0	64.8	64.8	64.8	65.1	65.1	65.5	65.7
4000	41.0	54.5	58.9	64.5	65.6	65.8	66.9	67.3	67.3	68.2	68.2	68.2	68.4	68.4	68.8	69.0
3500	42.3	56.3	61.0	66.7	68.1	68.3	69.4	69.8	69.8	70.6	70.6	70.6	70.9	70.9	71.3	71.5
3000	43.5	58.4	63.0	69.1	70.8	71.0	72.5	72.9	72.9	73.8	73.8	73.8	74.0	74.0	74.4	74.6
2500	46.0	61.3	65.9	72.6	74.5	74.7	76.3	76.8	76.8	77.6	77.6	77.6	77.8	77.8	78.2	78.5
2200	48.6	66.2	71.1	78.4	80.3	80.5	82.5	82.9	82.9	83.8	83.8	83.8	84.0	84.0	84.4	84.6
2000	50.6	69.1	74.0	81.4	83.3	83.5	85.5	85.9	85.9	86.8	86.8	86.8	87.0	87.0	87.4	87.6
1800	51.2	70.1	75.1	82.5	84.7	84.9	86.9	87.3	87.3	88.2	88.2	88.2	88.4	88.4	88.8	89.0
1600	51.8	71.4	76.6	84.0	86.2	86.5	88.4	88.8	88.8	89.7	89.7	89.7	89.9	89.9	90.3	90.5
1400	53.0	73.3	78.5	86.1	88.4	88.6	90.6	91.1	91.1	91.9	91.9	91.9	92.2	92.2	92.6	92.8
1200	53.4	74.1	79.5	87.1	89.5	89.7	91.7	92.2	92.2	93.0	93.0	93.0	93.2	93.2	93.7	93.9
1000	54.1	74.9	80.4	88.4	90.8	91.0	93.0	93.4	93.4	94.3	94.3	94.3	94.5	94.5	94.9	95.2
900	54.5	75.6	81.1	89.1	91.6	91.8	93.9	94.3	94.3	95.2	95.2	95.2	95.4	95.4	95.8	96.0
800	54.6	76.0	81.5	89.7	92.2	92.4	94.5	94.9	94.9	95.8	95.8	95.8	96.0	96.0	96.5	96.7
700	54.8	76.5	82.2	90.3	92.8	93.0	95.2	95.7	95.7	96.6	96.6	96.6	96.8	96.8	97.2	97.4
600	54.8	76.5	82.2	90.3	92.8	93.0	95.2	95.7	95.7	96.6	96.6	96.6	96.8	96.8	97.2	97.4
500	54.8	76.5	82.2	90.3	92.8	93.1	95.3	95.8	95.8	96.7	96.7	96.7	96.9	96.9	97.3	97.5
400	54.8	76.7	82.4	90.6	93.2	93.4	95.6	96.1	96.1	97.0	97.0	97.0	97.2	97.2	97.6	97.8
300	54.8	76.9	82.6	90.9	93.4	93.7	95.8	96.3	96.3	97.2	97.2	97.2	97.4	97.4	97.8	98.1
200	54.8	76.9	82.6	91.0	93.5	93.8	95.9	96.5	96.5	97.3	97.3	97.3	97.5	97.5	98.0	98.2
150	54.9	77.0	82.7	91.2	93.8	94.0	96.1	96.7	96.7	97.5	97.5	97.5	97.7	97.7	98.2	98.4
100	54.9	77.0	82.7	91.3	93.9	94.1	96.3	97.1	97.1	98.0	98.0	98.0	98.2	98.2	98.6	98.8
50	54.9	77.0	82.7	91.3	93.9	94.1	96.7	97.4	97.4	98.3	98.3	98.3	98.6	98.6	99.0	99.2
0	54.9	77.1	82.9	91.4	94.0	94.2	96.8	97.5	97.5	98.4	98.4	98.4	98.7	98.7	99.1	99.5
	54.9	77.0	82.9	91.4	94.0	94.2	96.9	97.6	97.6	98.5	98.6	98.6	99.0	99.0	99.6	99.9
	54.9	77.0	82.9	91.4	94.0	94.2	96.9	97.6	97.6	98.5	98.6	98.6	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72 06 [illegible] MCGHEE TYSON AIRPORT TN [illegible] 74-80 MAY
STATION STATION NAME YEARS PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

CEILING (HUNDREDS OF METERS) / VISIBILITY (STATUTE MILES)	≥0 GT9.	≥20 GE9	≥22 GE8	≥24 GE6	≥32 GE4B	≥36 GE4	≥40 GE3	≥44 GE2½	≥48 GE2	≥52 GE1½	≥56 GE1¼	≥60 GE1	≥64 GE¾	≥68 GE½	≥72 GE¼	≥80
[illegible]	24.7	34.9	37.6	42.4	43.9	44.2	45.7	45.8	45.9	46.6	46.9	46.9	47.4	47.4	48.2	49.-
2 [illegible]	28.1	36.9	41.7	46.9	48.7	49.0	50.3	51.1	51.2	52.-	52.4	52.4	53.-	53.-	54.1	54.9
1 8000	28.2	39.0	41.9	47.0	48.8	49.1	50.4	51.2	51.3	52.2	52.5	52.5	53.1	53.1	54.-	55.1
6000	28.2	39.0	41.9	47.0	48.8	49.1	50.4	51.2	51.3	52.2	52.5	52.5	53.1	53.1	54.2	55.1
5000	28.4	39.5	42.7	46.2	5 .0	50.3	51.6	52.4	52.5	53.4	53.8	53.8	54.4	54.4	55.5	56.3
4500	29.2	40.9	44.2	49.7	51.5	51.9	53.7	54.1	54.2	55.2	55.5	55.5	56.1	56.1	57.2	58.1
4000	30.0	41.9	45.7	51.0	52.8	53.2	54.6	55.6	55.7	56.7	57.-	57.0	57.6	57.6	58.7	59.7
3500	31.6	44.1	47.4	53.5	55.4	55.9	57.6	58.4	58.5	59.6	59.9	59.9	6 .5	6 .5	61.6	62.6
3000	32.9	45.7	49.1	55.7	57.8	58.4	60.1	60.9	61.0	62.0	62.4	62.4	63.0	63.0	64.1	65.1
2500	34.5	48.3	51.7	58.7	6 .9	61.4	63.1	63.9	64.0	65.1	65.4	65.4	66.0	66.0	67.1	68.1
2200	35.1	49.4	52.9	59.8	62.6	63.1	64.9	65.6	65.7	66.9	67.2	67.2	69.0	68.	69.7	70.7
2000	37.1	54.0	58.1	65.6	69.4	69.9	71.7	72.4	72.5	73.7	73.7	73.7	74.5	74.5	75.7	76.7
1800	38.8	57.0	61.2	69.1	72.0	72.7	74.8	75.7	75.9	77.3	77.7	77.7	78.6	78.6	79.9	81.8
1600	38.8	57.1	61.4	69.6	72.6	73.2	75.6	76.5	76.7	78.2	78.6	78.6	79.5	79.5	81.6	83.6
1400	4 .0	59.0	63.7	71.7	74.7	75.4	77.7	78.6	78.8	80.2	80.6	80.8	81.6	81.6	83.8	85.8
1200	40.3	60.1	64.7	73.5	76.7	77.3	79.9	80.8	81.0	82.5	82.9	82.9	83.8	83.8	86.0	88.0
1000	41.2	61.2	65.9	74.8	78.3	78.9	81.7	82.6	82.8	84.4	84.8	84.8	85.7	85.7	88.0	90.1
900	42.3	62.5	67.1	76.2	79.7	80.3	83.3	84.2	84.4	86.0	86.5	86.5	87.3	87.3	89.5	91.6
800	42.7	63.1	68.-	77.1	80.5	81.2	84.3	85.2	85.4	87.0	87.4	87.4	88.3	88.3	90.5	92.6
700	43.-	63.9	68.7	78.1	81.5	82.2	85.4	86.2	86.5	88.1	88.5	88.5	89.4	89.4	91.5	93.6
600	43.2	64.2	69.1	78.5	82.0	82.7	85.9	86.9	87.1	88.7	89.1	89.1	90.-	90.0	92.2	94.2
500	43.5	64.6	69.6	79.1	82.9	83.5	86.9	87.8	88.1	89.7	9 .1	9 .1	91.-	91.-	93.2	95.3
450	43.5	64.6	69.9	79.2	83.1	83.8	87.1	88.1	88.4	90.0	90.4	9 .4	91.3	91.3	93.5	95.4
400	43.5	64.8	69.8	79.5	83.3	84.0	87.3	88.3	88.6	90.2	90.6	90.6	91.5	91.5	93.7	95.7
350	43.5	65.2	70.1	80.0	83.9	84.5	88.0	88.9	89.4	91.0	91.4	91.4	92.3	92.3	94.4	96.4
300	43.5	65.3	70.2	80.1	84.0	84.6	88.3	89.2	89.7	91.3	91.7	91.7	92.6	92.6	94.8	96.7
250	43.5	65.3	70.2	80.2	84.1	84.7	88.5	89.5	89.9	91.5	91.9	91.9	92.8	92.8	94.9	96.9
200	43.5	65.4	70.3	80.3	84.2	84.8	88.9	89.8	90.4	92.-	92.5	92.5	93.4	93.4	95.6	97.6
150	43.5	65.4	70.3	80.4	84.3	84.9	89.1	90.2	90.6	92.3	92.8	92.8	93.8	93.8	95.9	98.0
100	43.5	65.4	70.4	80.5	84.4	85.1	89.3	90.3	90.8	92.5	93.0	93.0	94.1	94.1	96.2	98.2
[illegible]	43.5	65.4	70.5	80.6	84.4	85.2	89.4	90.4	90.9	92.6	93.1	93.1	94.2	94.2	96.3	98.3
0	43.5	65.4	70.5	80.8	84.6	85.3	89.5	90.5	91.0	92.7	93.2	93.2	94.3	94.3	96.4	98.4

TOTAL NUMBER OF OBSERVATIONS 937

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] MOGHER TYSON AIRPORT TN [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]

CEILING (HUNDREDS OF FEET)

| | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MCGHEE TYSON AIRPORT TN YEARS 74-C1 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	0			
≥22000	37.4	76.1	39.1	42.6	44.8	45.9	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥20000	40.2	43.0	46.4	51.6	53.8	54.6	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥18000	40.8	43.0	46.4	51.6	53.8	54.6	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥16000	40.8	43.0	46.4	51.6	53.8	54.6	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥14000	42.8	44.7	47.6	52.3	55.1	55.9	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥12000	43.9	45.6	48.2	54.6	57.8	58.3	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥11000	44.7	47.0	51.0	56.4	59.2	60.7	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥10000	45.6	48.3	52.6	57.7	61.8	63.3	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥9000	46.2	49.8	54.1	59.4	63.6	64.7	65.6	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥8000	49.5	52.7	57.0	62.6	66.8	68.5	69.3	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥7000	54.1	58.5	63.7	69.2	73.3	75.0	75.7	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥6000	61.5	66.4	71.8	77.6	81.8	83.5	84.2	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥5000	66.5	71.7	77.2	83.2	87.4	89.2	90.0	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥4500	68.2	73.7	79.4	85.6	89.9	91.8	92.6	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥4000	69.4	75.1	81.0	87.3	91.7	93.6	94.4	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥3500	70.7	76.5	82.5	88.9	93.4	95.3	96.1	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥3000	72.4	78.3	84.4	91.1	95.8	97.8	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥2500	73.2	79.2	85.4	92.0	96.8	98.8	99.7	100.0	100.2	100.3	100.3	100.3	100.3	100.3	100.3	100.3
≥2000	73.4	79.4	85.6	92.2	97.0	99.0	99.9	100.2	100.4	100.5	100.5	100.5	100.5	100.5	100.5	100.5
≥1800	73.5	79.5	85.7	92.3	97.1	99.1	100.0	100.3	100.5	100.6	100.6	100.6	100.6	100.6	100.6	100.6
≥1600	73.6	79.6	85.8	92.4	97.2	99.2	100.1	100.4	100.6	100.7	100.7	100.7	100.7	100.7	100.7	100.7
≥1400	73.7	79.7	85.9	92.5	97.3	99.3	100.2	100.5	100.7	100.8	100.8	100.8	100.8	100.8	100.8	100.8
≥1200	73.8	79.8	86.0	92.6	97.4	99.4	100.3	100.6	100.8	100.9	100.9	100.9	100.9	100.9	100.9	100.9
≥1000	73.9	79.9	86.1	92.7	97.5	99.5	100.4	100.7	100.9	101.0	101.0	101.0	101.0	101.0	101.0	101.0
≥900	74.0	80.0	86.2	92.8	97.6	99.6	100.5	100.8	101.0	101.1	101.1	101.1	101.1	101.1	101.1	101.1
≥800	74.1	80.1	86.3	92.9	97.7	99.7	100.6	100.9	101.1	101.2	101.2	101.2	101.2	101.2	101.2	101.2
≥700	74.2	80.2	86.4	93.0	97.8	99.8	100.7	101.0	101.2	101.3	101.3	101.3	101.3	101.3	101.3	101.3
≥600	74.3	80.3	86.5	93.1	97.9	99.9	100.8	101.1	101.3	101.4	101.4	101.4	101.4	101.4	101.4	101.4
≥500	74.4	80.4	86.6	93.2	98.0	100.0	100.9	101.2	101.4	101.5	101.5	101.5	101.5	101.5	101.5	101.5
≥450	74.5	80.5	86.7	93.3	98.1	100.1	101.0	101.3	101.5	101.6	101.6	101.6	101.6	101.6	101.6	101.6
≥400	74.6	80.6	86.8	93.4	98.2	100.2	101.1	101.4	101.6	101.7	101.7	101.7	101.7	101.7	101.7	101.7
≥350	74.7	80.7	86.9	93.5	98.3	100.3	101.2	101.5	101.7	101.8	101.8	101.8	101.8	101.8	101.8	101.8
≥300	74.8	80.8	87.0	93.6	98.4	100.4	101.3	101.6	101.8	101.9	101.9	101.9	101.9	101.9	101.9	101.9
≥250	74.9	80.9	87.1	93.7	98.5	100.5	101.4	101.7	101.9	102.0	102.0	102.0	102.0	102.0	102.0	102.0
≥200	75.0	81.0	87.2	93.8	98.6	100.6	101.5	101.8	102.0	102.1	102.1	102.1	102.1	102.1	102.1	102.1
≥150	75.1	81.1	87.3	93.9	98.7	100.7	101.6	101.9	102.1	102.2	102.2	102.2	102.2	102.2	102.2	102.2
≥100	75.2	81.2	87.4	94.0	98.8	100.8	101.7	102.0	102.2	102.3	102.3	102.3	102.3	102.3	102.3	102.3
≥ 0	75.3	81.3	87.5	94.1	98.9	100.9	101.8	102.1	102.3	102.4	102.4	102.4	102.4	102.4	102.4	102.4

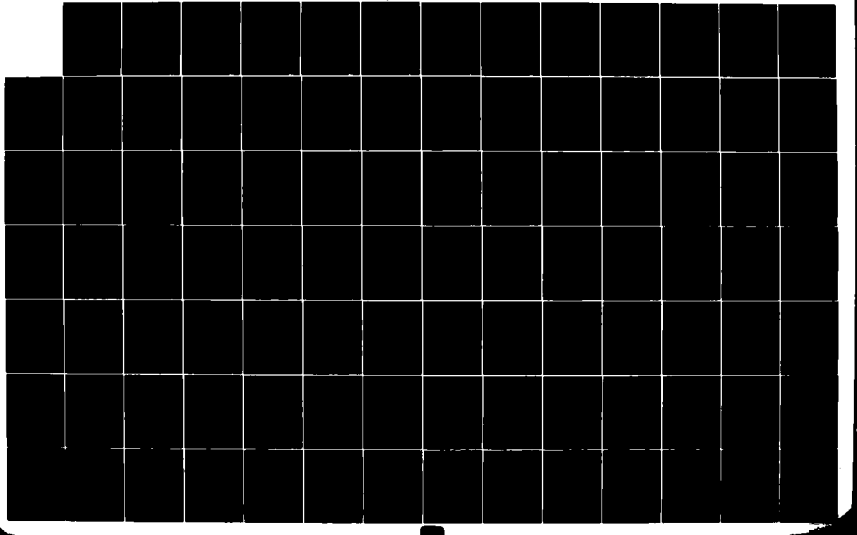
TOTAL NUMBER OF OBSERVATIONS _____

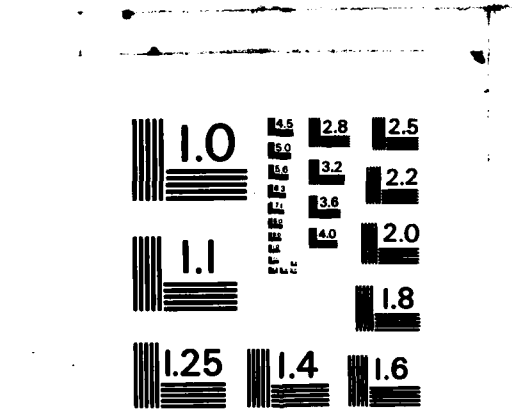
USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A140 245 MCGHEE-TYSON AIRPORT TENNESSEE REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 30 JAN 84

UNCLASSIFIED USAFETAC/DS-84/006 SBI-AD-E850 614 F/G 4/2 NL

3/5





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-63 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	35.4	43.1	44.9	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	40.9	51.1	53.5	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	40.9	51.1	53.5	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	41.3	51.2	53.7	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	41.2	51.5	54.?	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	42.9	53.7	56.1	59.7	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	44.1	55.5	58.2	61.8	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 9000	45.2	57.0	59.7	63.5	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	45.9	58.5	61.5	65.5	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	47.6	61.5	64.5	68.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	48.9	63.2	66.5	71.0	72.0	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	50.6	65.7	69.0	73.8	74.8	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500	52.0	67.5	71.0	76.0	77.2	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	54.0	69.8	73.4	78.7	80.1	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	56.0	72.5	76.2	81.9	83.4	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	59.1	76.5	80.4	86.6	88.3	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	61.2	79.4	83.3	89.8	91.5	91.9	92.?	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	63.3	81.9	85.9	92.4	94.3	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	64.0	82.7	86.7	93.1	95.1	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	64.2	83.2	87.2	93.7	95.7	96.1	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	64.4	83.8	87.7	94.2	96.2	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1000	64.4	83.9	87.8	94.4	96.6	97.1	97.5	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 900	64.4	84.1	88.2	94.7	96.9	97.5	98.0	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	64.4	84.1	88.3	94.9	97.1	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9
≥ 700	64.4	84.1	88.5	95.3	97.4	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.4
≥ 600	64.4	84.3	88.8	95.6	97.7	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 500	64.4	84.3	88.8	95.7	97.8	98.5	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 400	64.4	84.3	88.8	95.7	97.8	98.5	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	64.4	84.3	88.8	95.7	97.8	98.5	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	64.4	84.3	88.8	95.7	97.8	98.5	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	64.4	84.3	88.8	95.7	97.8	98.5	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	64.4	84.3	88.8	95.7	97.8	98.5	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR (LST))

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥¼ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0.0
NO CEILING	37.1	42.6	44.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	47.3	54.7	57.1	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	47.3	54.7	57.1	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
≥ 16000	47.3	54.7	57.1	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
≥ 14000	48.2	55.6	58.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 12000	49.7	57.5	59.9	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	51.3	59.7	62.0	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	53.3	62.2	64.6	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	55.4	65.2	67.7	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	57.2	67.8	70.8	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	59.0	70.1	73.3	75.2	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 5000	61.6	74.3	77.5	79.8	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	63.5	76.8	80.2	82.5	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	65.5	80.0	83.8	86.2	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	67.2	82.3	86.1	88.7	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	68.3	83.9	87.8	90.8	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	68.9	84.7	88.7	91.7	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	70.5	86.8	90.9	94.2	94.9	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	71.4	87.7	91.8	95.4	96.1	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	71.5	88.8	92.9	96.6	97.3	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	71.7	89.0	93.1	96.9	97.6	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	71.7	89.0	93.1	97.0	97.8	98.2	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	71.8	89.1	93.2	97.1	98.0	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	71.8	89.1	93.2	97.1	98.0	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	71.8	89.1	93.2	97.1	98.0	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	71.8	89.1	93.3	97.3	98.3	98.7	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	71.8	89.1	93.3	97.3	98.3	98.7	99.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	71.8	89.1	93.3	97.3	98.3	98.7	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	71.8	89.1	93.3	97.3	98.3	98.7	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.8	89.1	93.3	97.3	98.3	98.7	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.8	89.1	93.3	97.3	98.3	98.7	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.8	89.1	93.3	97.3	98.3	98.7	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326C (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2030 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥⅝ GE1	≥½ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	35.8	43.9	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 20000	46.1	57.5	59.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 18000	46.2	57.7	59.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 16000	46.3	57.8	59.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	47.4	58.9	60.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	49.9	62.2	63.8	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
≥ 10000	52.7	65.3	66.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9000	55.6	68.8	70.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	58.2	71.7	73.7	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	60.6	74.3	76.2	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	62.4	76.5	78.5	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	64.3	79.7	81.9	83.7	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	65.7	82.0	84.3	86.2	86.7	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	66.7	83.8	86.0	88.2	88.7	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	67.1	84.5	86.8	89.0	90.0	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	68.2	85.8	88.2	90.4	91.8	91.8	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	68.9	87.0	89.4	92.0	93.2	93.3	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	69.8	88.1	90.4	93.3	94.6	94.8	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	70.0	88.3	90.6	93.5	94.9	95.3	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	71.0	89.4	91.7	94.8	96.2	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	71.3	90.0	92.5	95.6	97.1	97.4	97.7	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 1000	71.4	90.1	92.6	95.9	97.4	97.7	98.1	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥ 900	71.7	90.4	92.9	96.3	97.8	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 800	71.7	90.5	93.0	96.5	98.0	98.3	98.6	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4
≥ 700	71.7	90.5	93.0	96.5	98.0	98.3	98.7	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5
≥ 600	71.7	90.5	93.0	96.5	98.1	98.4	99.0	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 500	71.7	90.5	93.0	96.5	98.1	98.4	99.0	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 400	71.7	90.5	93.0	96.5	98.1	98.4	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	71.7	90.5	93.0	96.5	98.1	98.4	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	71.7	90.5	93.0	96.5	98.1	98.4	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	71.7	90.5	93.0	96.5	98.1	98.4	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	71.7	90.5	93.0	96.5	98.1	98.4	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21:0-23:00 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 GT9.0	≥6 EQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2 7/8 GE4.0	≥2 GE3.2	≥1 1/2 GE2.4	≥1 1/4 GE2.0	≥1 GE1.6	≥ 3/4 GE1.2	≥ 5/8 GE1.0	≥ 1/2 GE0.8	≥ 5/16 GE0.5	≥ 1/4 GE0.4	≥0 GE0.0
NO CEILING	35.5	46.3	48.4	50.4	50.8	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.1
≥ 20000	41.3	54.2	56.6	58.8	59.1	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.6
≥ 18000	41.3	54.2	56.6	58.8	59.1	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.6
≥ 16000	41.3	54.3	56.7	58.9	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.7
≥ 14000	43.3	56.3	58.7	61.1	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.8
≥ 12000	44.6	58.5	61.1	63.8	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5
≥ 10000	46.0	60.4	63.1	66.1	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.9
≥ 9000	48.9	64.2	66.9	70.5	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.5
≥ 8000	50.2	66.0	68.9	73.0	73.5	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	74.0
≥ 7000	51.7	67.8	71.0	75.3	75.8	75.8	76.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.5
≥ 6000	52.9	70.2	73.4	77.8	78.4	78.4	78.7	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	79.0
≥ 5000	54.5	74.1	77.5	82.0	82.6	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.2
≥ 4500	57.2	78.5	82.3	87.3	87.8	87.8	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.5
≥ 4000	57.4	78.9	82.7	88.1	88.6	88.6	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.4
≥ 3500	58.4	80.6	84.5	90.0	90.6	90.6	91.1	91.1	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.5
≥ 3000	59.4	82.3	86.3	91.9	92.7	92.7	93.4	93.4	93.4	93.5	93.7	93.7	93.8	93.8	93.8	93.9
≥ 2500	60.0	83.4	87.5	93.5	94.3	94.3	95.1	95.1	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.5
≥ 2000	61.1	84.7	88.8	94.9	95.8	95.8	96.6	96.6	96.6	96.7	96.8	96.8	96.9	96.9	96.9	97.0
≥ 1800	61.6	85.4	89.5	95.6	96.5	96.5	97.2	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.6
≥ 1500	62.4	86.2	90.3	96.6	97.4	97.4	98.2	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6
≥ 1200	62.6	86.6	90.6	97.1	98.0	98.0	98.7	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.1
≥ 1000	62.6	86.6	90.6	97.1	98.0	98.0	98.8	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2
≥ 900	62.7	86.8	90.9	97.3	98.3	98.3	99.1	99.1	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6
≥ 800	62.7	86.9	91.0	97.4	98.4	98.4	99.2	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7
≥ 700	62.7	87.0	91.1	97.5	98.6	98.6	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 600	62.7	87.0	91.1	97.5	98.6	98.6	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 500	62.7	87.0	91.1	97.5	98.6	98.6	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 400	62.7	87.0	91.1	97.5	98.6	98.6	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 300	62.7	87.0	91.1	97.5	98.6	98.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 200	62.7	87.0	91.1	97.5	98.6	98.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	62.7	87.0	91.1	97.5	98.6	98.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	62.7	87.0	91.1	97.5	98.6	98.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 FQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING	38.9	39.3	41.6	44.3	45.2	45.5	46.3	46.6	46.6	46.9	47.0	47.0	47.1	47.1	47.3	47.5
≥ 20000	36.9	47.2	49.8	53.0	54.1	54.5	55.5	55.8	55.8	56.2	56.3	56.3	56.5	56.5	56.7	56.9
≥ 18000	37.0	47.3	49.9	53.1	54.2	54.6	55.6	55.9	56.0	56.3	56.4	56.4	56.6	56.6	56.8	57.0
≥ 16000	37.1	47.3	50.0	53.1	54.2	54.6	55.6	56.0	56.0	56.3	56.4	56.4	56.6	56.6	56.8	57.1
≥ 14000	37.8	48.3	51.0	54.4	55.5	55.9	56.9	57.2	57.3	57.6	57.7	57.7	57.9	57.9	58.1	58.3
≥ 12000	39.3	50.3	53.0	56.5	57.6	58.1	59.2	59.5	59.6	59.9	60.0	60.0	60.2	60.2	60.4	60.7
≥ 10000	40.6	52.1	54.9	58.6	59.8	60.3	61.5	61.8	61.8	62.2	62.3	62.3	62.5	62.5	62.7	63.0
≥ 9000	42.3	54.4	57.3	61.3	62.5	63.1	64.3	64.6	64.7	65.1	65.2	65.2	65.4	65.4	65.6	65.9
≥ 8000	43.7	56.3	59.4	63.6	65.0	65.6	66.8	67.2	67.2	67.7	67.8	67.8	67.9	67.9	68.2	68.4
≥ 7000	45.5	58.8	62.0	66.5	68.0	68.7	70.0	70.4	70.4	70.9	71.0	71.0	71.2	71.2	71.4	71.6
≥ 6000	46.9	60.8	64.1	68.8	70.6	71.4	72.8	73.2	73.2	73.7	73.8	73.8	74.0	74.0	74.2	74.5
≥ 5000	48.9	64.3	67.9	73.0	74.9	75.7	77.3	77.7	77.8	78.3	78.4	78.4	78.7	78.7	78.9	79.1
≥ 4500	50.6	66.7	70.5	75.7	77.8	78.6	80.2	80.7	80.8	81.3	81.5	81.5	81.7	81.7	82.0	82.2
≥ 4000	51.4	68.0	71.9	77.4	79.6	80.5	82.1	82.6	82.7	83.2	83.4	83.4	83.6	83.6	83.9	84.1
≥ 3500	52.6	69.8	73.8	79.5	81.8	82.7	84.4	84.8	85.0	85.5	85.7	85.7	85.9	85.9	86.2	86.4
≥ 3000	53.8	71.7	75.8	81.7	84.2	85.2	87.0	87.5	87.6	88.2	88.4	88.4	88.6	88.6	88.9	89.1
≥ 2500	54.6	73.0	77.2	83.3	85.9	87.0	88.8	89.3	89.5	90.1	90.3	90.3	90.5	90.5	90.8	91.0
≥ 2000	55.9	74.5	78.8	85.0	87.7	88.8	90.7	91.3	91.5	92.1	92.3	92.3	92.5	92.5	92.8	93.0
≥ 1800	56.4	75.2	79.5	85.8	88.5	89.6	91.6	92.2	92.3	92.9	93.1	93.1	93.3	93.3	93.6	93.8
≥ 1500	56.8	76.0	80.3	86.7	89.5	90.6	92.6	93.2	93.3	94.0	94.1	94.1	94.4	94.4	94.6	94.9
≥ 1200	57.1	76.6	80.9	87.4	90.2	91.3	93.3	94.0	94.2	94.8	95.0	95.0	95.3	95.3	95.5	95.8
≥ 1000	57.2	76.8	81.2	87.8	90.6	91.8	93.9	94.6	94.7	95.4	95.6	95.6	95.9	95.9	96.1	96.4
≥ 900	57.3	77.0	81.3	88.0	90.9	92.1	94.2	94.9	95.1	95.8	95.9	95.9	96.2	96.2	96.5	96.7
≥ 800	57.3	77.1	81.5	88.1	91.1	92.3	94.4	95.1	95.3	95.9	96.1	96.1	96.4	96.4	96.7	96.9
≥ 700	57.3	77.2	81.6	88.4	91.4	92.7	94.9	95.6	95.8	96.4	96.6	96.6	96.9	96.9	97.2	97.4
≥ 600	57.3	77.3	81.8	88.6	91.7	93.0	95.2	96.0	96.2	96.8	97.0	97.0	97.3	97.3	97.6	97.8
≥ 500	57.4	77.4	81.8	88.7	91.8	93.1	95.4	96.2	96.4	97.1	97.3	97.3	97.6	97.6	97.8	98.1
≥ 400	57.4	77.4	81.9	88.8	91.9	93.2	95.6	96.5	96.7	97.4	97.6	97.6	97.9	97.9	98.2	98.5
≥ 300	57.4	77.4	81.9	88.8	91.9	93.2	95.8	96.6	96.8	97.6	97.9	97.9	98.2	98.2	98.5	98.8
≥ 200	57.4	77.4	81.9	88.8	91.9	93.2	95.8	96.7	96.9	97.7	98.1	98.1	98.5	98.5	98.9	99.2
≥ 100	57.4	77.4	81.9	88.9	91.9	93.3	95.8	96.7	96.9	97.8	98.1	98.1	98.6	98.6	99.2	99.7
0	57.4	77.4	81.9	88.9	91.9	93.3	95.8	96.7	96.9	97.8	98.1	98.1	98.6	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

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

72326C (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.0	≥6 E09.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	¾ GE1.2	⅝ GE1.0	½ GE0.8	3/8 GE0.5	¼ GE0.4	≥0 GE0
NO CEILING	31.7	51.4	54.1	56.8	57.9	57.9	58.2	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.7
≥ 20000	36.0	58.1	61.7	64.9	66.6	66.6	67.0	67.1	67.1	67.3	67.3	67.3	67.7	67.7	67.7	67.8
≥ 18000	36.8	58.9	62.8	66.1	67.8	67.8	68.2	68.3	68.3	68.6	68.6	68.6	68.9	68.9	68.9	69.0
≥ 16000	36.8	58.9	62.8	66.1	67.8	67.8	68.2	68.3	68.3	68.6	68.6	68.6	68.9	68.9	68.9	69.0
≥ 14000	37.2	59.4	63.3	66.7	68.3	68.3	68.8	68.9	68.9	69.1	69.1	69.1	69.4	69.4	69.4	69.6
≥ 12000	38.2	61.2	65.3	68.9	70.6	70.6	71.1	71.2	71.2	71.4	71.4	71.4	71.8	71.8	71.8	71.9
≥ 10000	39.9	63.9	68.1	71.8	73.4	73.4	74.0	74.1	74.1	74.3	74.3	74.3	74.7	74.7	74.7	74.8
≥ 9000	40.9	66.1	70.8	74.6	76.2	76.2	76.8	76.9	76.9	77.1	77.1	77.1	77.4	77.4	77.4	77.6
≥ 8000	41.8	67.9	72.6	76.7	78.3	78.3	79.0	79.1	79.1	79.3	79.3	79.3	79.7	79.7	79.7	79.8
≥ 7000	43.2	70.6	75.3	79.8	81.4	81.4	82.1	82.2	82.2	82.4	82.4	82.4	82.8	82.8	82.8	82.9
≥ 6000	43.8	71.4	76.2	80.8	82.6	82.6	83.3	83.4	83.4	83.7	83.7	83.7	84.0	84.0	84.0	84.1
≥ 5000	44.6	74.4	79.4	84.2	86.4	86.4	87.3	87.4	87.4	87.7	87.7	87.7	88.0	88.0	88.0	88.1
≥ 4500	45.6	76.4	81.6	86.4	88.9	88.9	89.9	90.0	90.0	90.2	90.2	90.2	90.6	90.6	90.6	90.7
≥ 4000	46.1	77.6	82.7	87.8	90.2	90.2	91.2	91.4	91.4	91.7	91.7	91.7	92.0	92.0	92.0	92.1
≥ 3500	46.8	78.6	83.7	88.9	91.3	91.4	92.4	92.7	92.7	92.9	92.9	92.9	93.2	93.2	93.2	93.3
≥ 3000	47.3	80.4	85.7	91.0	93.4	93.7	94.7	94.9	94.9	95.1	95.1	95.1	95.4	95.4	95.4	95.6
≥ 2500	47.8	81.4	86.7	92.0	94.4	94.8	95.8	96.0	96.0	96.2	96.2	96.2	96.6	96.6	96.6	96.7
≥ 2000	48.1	82.2	87.4	93.3	95.8	96.1	97.1	97.3	97.3	97.6	97.6	97.6	97.9	97.9	97.9	98.0
≥ 1800	48.1	82.4	87.8	93.7	96.1	96.4	97.4	97.7	97.7	97.9	97.9	97.9	98.2	98.2	98.2	98.3
≥ 1500	48.1	82.6	87.9	93.8	96.2	96.6	97.6	97.8	97.8	98.0	98.0	98.0	98.3	98.3	98.3	98.4
≥ 1200	48.4	82.9	88.2	94.1	96.6	96.9	97.9	98.1	98.1	98.3	98.3	98.3	98.7	98.7	98.7	98.8
≥ 1000	48.4	83.0	88.3	94.2	96.7	97.0	98.0	98.2	98.2	98.4	98.4	98.4	98.8	98.8	98.8	98.9
≥ 900	48.4	83.0	88.3	94.2	96.7	97.0	98.0	98.2	98.2	98.4	98.4	98.4	98.8	98.8	98.8	98.9
≥ 800	48.4	83.0	88.3	94.2	96.7	97.0	98.0	98.2	98.2	98.4	98.4	98.4	98.8	98.8	98.8	98.9
≥ 700	48.6	83.2	88.6	94.4	96.9	97.2	98.2	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.1
≥ 600	48.6	83.2	88.6	94.4	96.9	97.2	98.2	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.1
≥ 500	48.6	83.2	88.6	94.4	96.9	97.2	98.2	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.1
≥ 400	48.6	83.2	88.6	94.4	96.9	97.2	98.3	98.6	98.6	98.8	98.8	98.8	99.1	99.1	99.1	99.2
≥ 300	48.6	83.2	88.6	94.4	96.9	97.2	98.3	98.6	98.6	98.8	98.8	98.8	99.1	99.1	99.1	99.2
≥ 200	48.6	83.2	88.6	94.4	96.9	97.2	98.7	98.9	99.0	99.2	99.2	99.2	99.6	99.6	99.7	99.8
≥ 100	48.6	83.2	88.6	94.4	96.9	97.2	98.7	98.9	99.0	99.2	99.2	99.2	99.8	99.8	99.9	100.0
≥ 0	48.6	83.2	88.6	94.4	96.9	97.2	98.7	98.9	99.0	99.2	99.2	99.2	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GT9.0	≥6 EQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2 7 GE4.0	≥2 GE3.2	≥1 1/2 GE2.4	≥1 1/4 GE2.0	≥1 GE1.6	≥ 7/8 GE1.2	≥ 3/4 GE1.0	≥ 5/8 GE0.8	≥ 5 16 GE0.5	≥ . GE0.4	≥0 GE0.
NO CEILING	20.0	40.8	44.5	49.5	51.4	51.4	53.3	53.5	53.5	54.1	54.2	54.2	54.4	54.6	55.6	55.7
≥ 20000	22.9	46.3	50.7	55.8	58.1	58.1	60.0	60.3	60.3	61.1	61.2	61.2	61.4	61.6	62.6	62.7
≥ 18000	23.2	46.6	51.1	56.2	58.4	58.4	60.3	60.6	60.6	61.4	61.5	61.5	61.7	62.-	63.0	63.1
≥ 16000	23.4	46.7	51.2	56.3	58.5	58.5	60.4	60.7	60.7	61.5	61.6	61.6	61.8	62.1	63.1	63.2
≥ 14000	23.4	47.2	51.6	56.7	59.0	59.0	60.8	61.2	61.2	62.0	62.1	62.1	62.3	62.5	63.5	63.6
≥ 12000	24.2	49.7	54.2	60.0	62.3	62.3	64.4	64.7	64.7	65.5	65.6	65.6	65.9	66.1	67.1	67.2
≥ 10000	25.4	52.3	57.0	62.7	65.1	65.1	67.2	67.5	67.5	68.3	68.4	68.4	68.6	68.9	69.9	70.0
≥ 9000	26.8	54.5	59.4	65.5	68.0	68.0	70.1	70.4	70.4	71.2	71.3	71.3	71.5	71.7	72.7	72.9
≥ 8000	27.5	56.5	61.4	67.5	70.1	70.1	72.2	72.5	72.6	73.4	73.5	73.5	73.7	74.0	75.0	75.1
≥ 7000	28.3	58.4	63.3	69.4	72.0	72.0	74.3	74.6	74.7	75.5	75.6	75.6	75.9	76.1	77.1	77.2
≥ 6000	28.9	59.4	64.4	70.5	73.2	73.2	75.5	76.0	76.1	76.9	77.0	77.0	77.2	77.4	78.4	78.5
≥ 5000	30.1	62.5	67.6	73.7	76.8	76.8	79.1	79.5	79.6	80.4	80.5	80.5	80.8	81.0	82.0	82.2
≥ 4500	31.5	65.1	70.3	76.4	79.6	79.6	82.0	82.4	82.5	83.3	83.4	83.4	83.6	83.9	84.9	85.1
≥ 4000	31.9	66.0	71.5	78.0	81.3	81.3	83.6	84.1	84.2	85.0	85.1	85.1	85.3	85.5	86.5	86.8
≥ 3500	32.4	67.3	72.9	79.4	82.8	82.8	85.1	85.7	85.8	86.5	86.7	86.7	86.9	87.1	88.1	88.3
≥ 3000	32.7	68.9	74.6	81.3	84.6	84.6	87.0	87.5	87.7	88.4	88.5	88.5	88.8	89.0	90.0	90.2
≥ 2500	33.4	70.9	76.9	83.6	87.0	87.0	89.3	89.9	90.0	90.8	90.9	90.9	91.1	91.3	92.3	92.5
≥ 2000	33.8	72.1	78.3	85.5	88.9	88.9	91.2	91.8	91.9	92.7	92.8	92.8	93.0	93.2	94.2	94.4
≥ 1800	33.8	72.4	78.6	86.0	89.3	89.3	91.7	92.2	92.3	93.1	93.2	93.2	93.4	93.7	94.7	94.9
≥ 1500	33.8	72.5	78.8	86.2	89.5	89.5	92.0	92.5	92.7	93.5	93.7	93.7	93.9	94.1	95.1	95.3
≥ 1200	34.6	73.4	79.8	87.2	90.5	90.5	93.0	93.5	93.7	94.5	94.7	94.7	94.9	95.1	96.1	96.3
≥ 1000	34.7	73.5	79.9	87.3	90.7	90.8	93.2	93.8	93.9	94.9	95.0	95.0	95.2	95.4	96.4	96.7
≥ 900	34.7	73.5	79.9	87.3	90.7	90.9	93.3	93.9	94.0	95.1	95.2	95.2	95.4	95.7	96.7	96.9
≥ 800	34.8	73.6	80.0	87.4	90.8	91.0	93.4	94.0	94.1	95.2	95.3	95.3	95.6	95.8	96.8	97.0
≥ 700	34.9	73.7	80.1	87.5	90.9	91.1	93.5	94.1	94.2	95.3	95.4	95.4	95.7	95.9	96.9	97.1
≥ 600	34.9	73.7	80.2	87.7	91.0	91.2	93.7	94.2	94.3	95.4	95.6	95.6	95.8	96.0	97.0	97.2
≥ 500	34.9	73.7	80.3	88.0	91.4	91.7	94.1	94.8	94.9	96.0	96.1	96.1	96.3	96.6	97.6	97.8
≥ 400	34.9	73.9	80.4	88.2	91.7	91.9	94.4	95.1	95.2	96.4	96.6	96.6	96.8	97.0	98.0	98.2
≥ 300	34.9	73.9	80.4	88.2	91.7	91.9	94.4	95.1	95.3	96.6	96.7	96.7	96.9	97.1	98.1	98.3
≥ 200	34.9	73.9	80.4	88.2	91.7	91.9	94.7	95.3	95.8	97.0	97.1	97.1	97.3	97.6	98.6	98.8
≥ 100	34.9	73.9	80.4	88.2	91.7	91.9	94.7	95.3	95.9	97.1	97.2	97.2	97.4	97.7	99.0	99.2
≥ 0	34.9	73.9	80.4	88.2	91.7	91.9	94.7	95.3	95.9	97.1	97.3	97.3	97.6	97.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM AM 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	16.2	27.2	31.8	38.0	43.7	43.9	46.0	46.7	46.9	48.2	48.6	48.6	49.2	49.2	49.9	50.2
≥ 20000	20.0	33.9	38.9	45.7	51.7	51.9	54.1	54.8	55.2	56.9	57.2	57.2	58.1	58.1	59.0	59.4
≥ 18000	20.0	33.9	38.9	45.7	51.7	51.9	54.1	54.8	55.2	56.9	57.2	57.2	58.1	58.1	59.0	59.4
≥ 16000	20.2	34.1	39.1	45.9	51.9	52.1	54.3	55.0	55.4	57.1	57.4	57.4	58.3	58.3	59.2	59.7
≥ 14000	21.1	35.1	40.1	46.9	52.9	53.1	55.3	56.0	56.4	58.1	58.4	58.4	59.3	59.3	60.2	60.7
≥ 12000	21.7	36.4	41.6	48.8	54.8	55.0	57.3	58.0	58.4	60.1	60.4	60.4	61.3	61.3	62.2	62.7
≥ 10000	22.7	38.9	44.3	51.9	58.3	58.6	61.0	61.8	62.2	64.0	64.3	64.3	65.2	65.2	66.1	66.6
≥ 9000	23.6	40.7	46.2	54.0	61.1	61.3	63.8	64.7	65.1	66.9	67.2	67.2	68.2	68.2	69.1	69.6
≥ 8000	24.6	42.2	47.8	55.7	62.8	63.0	65.4	66.3	66.8	68.6	68.9	68.9	69.9	69.9	70.8	71.2
≥ 7000	25.9	44.0	49.8	57.9	65.3	65.6	68.0	68.9	69.6	71.3	71.7	71.7	72.7	72.7	73.6	74.0
≥ 6000	26.7	45.3	51.4	59.9	67.3	67.6	70.0	71.0	71.8	73.6	73.9	73.9	74.9	74.9	75.8	76.2
≥ 5000	27.4	46.7	52.9	61.4	69.1	69.4	72.0	73.0	73.8	75.7	76.0	76.0	77.0	77.0	77.9	78.3
≥ 4500	27.9	47.6	54.1	63.7	71.3	71.7	74.4	75.6	76.3	78.2	78.6	78.6	79.6	79.6	80.4	80.9
≥ 4000	28.3	48.7	55.4	65.1	73.0	73.3	76.1	77.3	78.1	80.0	80.3	80.3	81.3	81.3	82.2	82.7
≥ 3500	28.7	49.4	56.2	66.2	74.2	74.7	77.7	78.9	79.7	81.7	82.0	82.0	83.0	83.0	83.9	84.3
≥ 3000	29.6	50.6	57.4	67.8	75.9	76.3	79.4	80.8	81.6	83.6	83.9	83.9	84.9	84.9	85.8	86.2
≥ 2500	30.4	51.9	58.9	69.2	77.4	77.9	81.1	82.6	83.3	85.6	85.9	85.9	86.9	86.9	87.8	88.2
≥ 2000	31.2	53.3	60.6	70.9	79.2	79.7	82.9	84.3	85.1	87.3	87.7	87.7	88.7	88.7	89.6	90.0
≥ 1800	31.4	53.8	61.2	71.8	80.1	80.6	84.0	85.4	86.2	88.4	88.8	88.8	89.8	89.8	90.7	91.1
≥ 1500	31.7	54.6	62.0	72.7	81.2	81.7	85.2	86.8	87.6	89.9	90.2	90.2	91.3	91.3	92.2	92.7
≥ 1200	31.9	55.1	62.7	73.6	82.1	82.6	86.4	88.2	89.0	91.4	91.8	91.8	92.9	92.9	93.8	94.2
≥ 1000	32.0	55.3	62.9	74.0	82.6	83.0	86.9	88.7	89.4	91.9	92.2	92.2	93.3	93.3	94.2	94.7
≥ 900	32.0	55.3	62.9	74.0	82.6	83.0	86.9	88.7	89.4	91.9	92.2	92.2	93.3	93.3	94.2	94.7
≥ 800	32.0	55.4	63.1	74.2	82.8	83.2	87.1	89.0	89.8	92.2	92.6	92.6	93.7	93.7	94.6	95.0
≥ 700	32.0	55.6	63.2	74.4	83.0	83.6	87.4	89.3	90.1	92.6	92.9	92.9	94.1	94.1	95.0	95.4
≥ 600	32.0	55.6	63.2	74.4	83.0	83.7	87.6	89.4	90.2	92.8	93.1	93.1	94.3	94.3	95.2	95.7
≥ 500	32.0	55.7	63.3	74.6	83.2	84.0	88.1	90.0	90.8	93.4	93.8	93.8	95.0	95.0	95.9	96.3
≥ 400	32.0	55.7	63.3	74.6	83.2	84.1	88.6	90.6	91.3	94.6	95.0	95.0	96.2	96.2	97.1	97.6
≥ 300	32.0	55.7	63.3	74.7	83.4	84.3	88.8	90.8	91.6	94.8	95.4	95.4	96.7	96.7	97.7	98.1
≥ 200	32.0	55.7	63.3	74.7	83.6	84.4	89.1	91.1	92.0	95.2	96.0	96.0	97.2	97.2	98.3	98.9
≥ 100	32.0	55.7	63.3	74.7	83.6	84.4	89.2	91.2	92.1	95.4	96.2	96.2	97.6	97.6	98.8	99.7
≥ 0	32.0	55.7	63.3	74.7	83.6	84.4	89.2	91.2	92.1	95.4	96.2	96.2	97.6	97.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥7/16 GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	26.7	42.0	47.1	50.3	52.4	52.9	54.1	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.5	54.3
≥ 20000	30.7	48.2	54.2	57.7	59.8	60.3	61.4	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	30.7	48.2	54.2	57.7	59.8	60.3	61.4	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 16000	30.7	48.4	54.4	57.9	60.0	60.6	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	31.3	49.2	55.6	59.1	61.2	61.8	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	32.9	51.6	57.9	61.4	63.6	64.2	65.3	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	33.8	54.2	60.7	64.2	66.7	67.3	68.4	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	34.3	55.0	61.7	65.3	68.2	68.9	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	34.9	55.7	62.3	66.0	69.0	69.8	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	35.3	56.6	63.2	67.3	70.7	71.4	72.6	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	36.0	57.4	64.3	68.4	71.8	72.7	74.0	74.1	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 5000	37.1	59.6	66.7	70.9	74.2	75.1	76.4	76.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	37.3	60.4	67.7	71.9	75.3	76.2	77.6	77.7	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	37.6	61.4	68.9	73.3	77.0	78.0	79.3	79.4	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	37.9	62.4	70.0	74.7	78.4	79.4	80.8	80.9	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	39.6	65.2	73.3	78.2	82.1	83.1	84.6	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	41.0	67.9	76.0	80.9	84.8	85.8	87.2	87.4	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	42.8	70.8	78.9	83.8	87.8	89.0	90.6	90.8	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	43.4	71.4	79.6	84.6	88.6	89.8	91.3	91.6	91.8	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 1500	43.9	72.6	80.7	85.7	89.7	90.9	92.4	92.8	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 1200	44.4	74.4	82.8	87.9	92.0	93.3	95.0	95.3	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1000	44.6	74.7	83.2	88.6	92.7	94.2	96.1	96.3	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 900	44.7	75.2	83.8	89.1	93.2	94.8	96.6	96.9	97.1	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 800	44.7	75.4	84.0	89.3	93.7	95.8	97.6	98.0	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 700	44.7	75.4	84.1	89.4	94.0	96.1	98.0	98.4	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	44.7	75.4	84.1	89.4	94.2	96.3	98.2	98.7	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500	44.7	75.6	84.2	89.6	94.4	96.7	98.6	99.0	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	44.7	75.6	84.2	89.6	94.4	96.7	98.8	99.2	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	44.7	75.6	84.2	89.6	94.4	96.7	98.8	99.2	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	44.7	75.6	84.2	89.6	94.4	96.7	98.8	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	44.7	75.6	84.2	89.6	94.4	96.7	98.8	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	44.7	75.6	84.2	89.6	94.4	96.7	98.8	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	⅜ GE08	5/16 GE05	¼ GE04	0 GE0
NO CEILING	37.3	50.1	53.0	54.6	56.0	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	44.7	59.7	62.9	64.4	65.9	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	44.7	59.7	62.9	64.4	65.9	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	44.7	59.7	62.9	64.4	65.9	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	45.0	60.1	63.3	64.9	66.3	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	46.3	61.8	65.0	66.6	68.0	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	47.6	64.4	67.7	69.2	70.7	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	49.0	66.1	69.8	71.3	72.9	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	49.8	67.4	71.2	72.8	74.4	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 7000	50.2	68.1	72.3	73.9	75.6	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	50.8	68.7	73.0	74.6	76.3	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 5000	52.1	70.6	74.9	76.6	78.3	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	52.8	71.6	75.9	77.6	79.3	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	54.1	74.2	79.1	80.8	82.9	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6
≥ 3500	55.6	76.2	81.1	82.8	85.1	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 3000	58.0	80.8	85.8	87.4	90.2	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 2500	60.0	83.6	88.7	90.3	93.1	93.3	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.7	94.0
≥ 2000	61.2	85.3	90.6	92.9	95.7	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 1800	61.6	86.2	91.6	94.0	96.8	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1500	61.7	87.2	92.6	95.0	97.9	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1200	61.7	87.3	92.7	95.1	98.0	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1000	61.7	87.7	93.1	95.7	98.6	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	61.7	87.7	93.1	95.7	98.6	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	61.7	87.7	93.1	95.7	98.6	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	61.7	87.7	93.1	95.7	98.6	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	61.7	87.7	93.1	95.7	98.6	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	61.7	87.7	93.1	95.7	98.6	98.9	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	61.7	87.7	93.1	95.7	98.6	98.9	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	61.7	87.7	93.1	95.7	98.6	98.9	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	61.7	87.7	93.1	95.7	98.6	98.9	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	61.7	87.7	93.1	95.7	98.6	98.9	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	61.7	87.7	93.1	95.7	98.6	98.9	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15:0-17:0 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	39.9	52.7	55.1	56.2	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	49.7	64.4	67.3	68.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	49.7	64.4	67.3	68.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	49.7	64.4	67.3	68.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	51.2	66.0	68.9	70.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	52.5	68.4	71.5	72.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000	54.2	70.5	73.9	75.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 9000	55.4	72.6	76.4	77.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000	56.3	74.2	78.0	79.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	57.3	75.8	79.6	81.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 6000	58.1	76.5	80.5	82.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	60.1	79.5	83.6	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	60.8	80.9	85.2	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	62.6	83.2	87.5	90.2	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	64.3	85.2	89.5	92.3	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	64.7	86.2	90.5	93.4	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	65.2	86.9	91.3	94.3	96.2	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	65.4	87.2	91.9	95.2	97.1	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	65.6	87.7	92.3	96.1	98.0	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	65.6	87.7	92.3	96.2	98.3	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	65.9	88.0	92.7	96.9	99.0	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	65.9	88.0	92.7	96.9	99.0	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	65.9	88.0	92.7	96.9	99.0	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	65.9	88.0	92.7	96.9	99.0	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	65.9	88.0	92.7	96.9	99.0	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	65.9	88.0	92.7	97.0	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	65.9	88.0	92.7	97.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	65.9	88.0	92.7	97.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	65.9	88.0	92.7	97.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	65.9	88.0	92.7	97.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	65.9	88.0	92.7	97.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	65.9	88.0	92.7	97.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

723267 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-87 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥4 EQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2 GE4.0	≥2 GE3.2	≥1 GE2.4	≥1 GE2.0	≥1 GE1.6	≥1 GE1.2	≥1 GE1.0	≥ GE.9	≥ GE.8	≥ GE.4	≥ GE.0
NO CEILING	39.4	51.6	53.8	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	51.6	66.6	69.8	71.3	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	51.6	66.6	69.8	71.3	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	51.6	66.6	69.8	71.3	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	53.0	68.3	71.9	73.4	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 12000	54.7	70.4	74.2	76.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	56.6	72.9	77.1	79.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 9000	57.9	75.8	80.0	82.2	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	59.6	78.2	82.2	84.6	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 7000	60.3	79.1	83.3	85.7	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	60.7	79.8	84.3	86.8	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	61.2	81.2	85.9	88.3	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500	62.1	82.4	87.1	90.1	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	62.8	83.3	88.1	91.1	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 3500	63.6	84.8	89.7	92.8	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6
≥ 3000	64.7	86.4	91.4	94.8	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 2500	65.3	87.1	92.1	95.6	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 2000	65.7	87.4	92.4	95.9	98.1	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1800	65.7	87.4	92.4	95.9	98.1	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1500	65.7	87.4	92.4	96.0	98.2	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1200	65.9	87.7	92.7	96.2	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1000	65.9	87.7	92.7	96.2	98.4	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 900	66.0	88.1	93.1	96.7	98.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	66.0	88.1	93.1	96.7	98.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	66.0	88.1	93.1	96.7	98.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	66.0	88.1	93.1	96.7	98.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	66.0	88.1	93.1	96.7	98.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	66.0	88.1	93.1	96.7	98.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	66.0	88.1	93.1	96.7	98.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	66.0	88.1	93.1	96.7	98.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	66.0	88.1	93.1	96.7	98.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	66.0	88.1	93.1	96.7	98.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21.0-23.0 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE8	⅜ GE6	¼ GE4	5/16 GE5	⅛ GE2	0 GE0
NO CEILING	37.2	51.9	54.0	55.9	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	43.1	60.7	63.4	65.8	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	43.2	60.8	63.6	65.9	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	43.3	60.9	63.7	66.0	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	45.1	63.1	66.1	68.7	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	45.7	64.0	67.3	69.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	47.0	67.0	70.3	73.4	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 9000	47.9	69.2	72.7	76.4	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000	49.0	71.0	74.6	78.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 7000	50.7	73.4	77.3	81.3	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000	51.9	75.3	79.2	83.3	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	54.1	78.7	82.9	87.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	55.8	80.9	85.1	89.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	56.6	82.3	86.7	91.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	57.3	83.7	88.2	92.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	58.0	84.4	89.2	94.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	56.8	85.3	90.2	95.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	58.9	85.4	90.4	95.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	59.0	85.6	90.7	95.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	59.1	85.8	90.9	95.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	59.3	86.0	91.2	96.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	59.3	86.0	91.2	96.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	59.3	86.0	91.2	96.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	59.3	86.0	91.2	96.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	59.3	86.1	91.3	96.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	59.3	86.1	91.3	96.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	59.3	86.1	91.3	96.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	59.3	86.1	91.3	96.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	59.3	86.1	91.3	96.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	59.3	86.1	91.3	96.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	59.3	86.1	91.3	96.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.3	86.1	91.3	96.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	31.1	46.0	49.2	52.0	53.8	53.9	54.7	54.8	54.8	55.1	55.2	55.2	55.3	55.3	55.5	55.6
≥ 20000	37.3	54.7	58.6	61.8	63.9	64.0	64.8	64.9	65.0	65.4	65.4	65.4	65.6	65.6	65.9	66.0
≥ 18000	37.5	54.9	58.8	62.0	64.1	64.2	65.0	65.2	65.2	65.6	65.6	65.6	65.8	65.9	66.1	66.2
≥ 16000	37.5	55.0	58.9	62.1	64.2	64.3	65.1	65.2	65.3	65.7	65.7	65.7	65.9	65.9	66.2	66.3
≥ 14000	38.4	56.1	60.1	63.3	65.5	65.6	66.4	66.5	66.6	66.9	67.0	67.0	67.2	67.2	67.4	67.5
≥ 12000	39.5	57.9	62.1	65.6	67.8	67.9	68.8	68.9	69.0	69.3	69.4	69.4	69.6	69.6	69.8	69.9
≥ 10000	40.9	60.5	64.9	68.4	70.8	71.0	71.9	72.0	72.0	72.4	72.5	72.5	72.7	72.7	72.9	73.0
≥ 9000	42.0	62.5	67.1	70.9	73.5	73.7	74.5	74.7	74.8	75.1	75.2	75.2	75.4	75.4	75.7	75.7
≥ 8000	42.9	64.1	68.8	72.6	75.3	75.5	76.4	76.5	76.6	77.0	77.0	77.0	77.2	77.3	77.5	77.6
≥ 7000	43.9	65.7	70.5	74.6	77.3	77.5	78.4	78.6	78.7	79.1	79.1	79.1	79.3	79.3	79.6	79.7
≥ 6000	44.6	66.7	71.7	75.9	78.7	78.9	79.8	80.1	80.2	80.6	80.6	80.6	80.8	80.8	81.1	81.2
≥ 5000	45.8	69.1	74.2	78.5	81.6	81.7	82.7	83.0	83.1	83.5	83.5	83.5	83.7	83.8	84.0	84.1
≥ 4500	46.7	70.7	75.9	80.4	83.5	83.7	84.8	85.0	85.1	85.5	85.6	85.6	85.8	85.8	86.0	86.1
≥ 4000	47.5	72.1	77.5	82.2	85.5	85.7	86.7	87.0	87.1	87.5	87.6	87.6	87.8	87.8	88.1	88.1
≥ 3500	48.3	73.5	78.9	83.7	87.1	87.3	88.4	88.7	88.8	89.2	89.3	89.3	89.5	89.6	89.8	89.9
≥ 3000	49.3	75.4	81.0	86.0	89.5	89.7	90.9	91.2	91.3	91.7	91.8	91.8	92.0	92.0	92.3	92.4
≥ 2500	50.2	76.9	82.6	87.6	91.1	91.4	92.6	92.9	93.0	93.5	93.6	93.6	93.8	93.8	94.0	94.1
≥ 2000	50.9	78.0	83.8	89.1	92.6	93.0	94.2	94.5	94.7	95.1	95.2	95.2	95.4	95.4	95.7	95.7
≥ 1800	51.1	78.4	84.3	89.7	93.2	93.5	94.8	95.1	95.3	95.7	95.8	95.8	96.0	96.0	96.3	96.4
≥ 1500	51.2	78.8	84.7	90.2	93.8	94.1	95.4	95.7	95.9	96.3	96.4	96.4	96.7	96.7	96.9	97.0
≥ 1200	51.5	79.4	85.3	90.9	94.5	94.8	96.2	96.6	96.7	97.2	97.2	97.2	97.5	97.5	97.8	97.9
≥ 1000	51.6	79.5	85.5	91.1	94.7	95.1	96.5	96.9	97.0	97.6	97.6	97.6	97.9	97.9	98.1	98.2
≥ 900	51.6	79.6	85.6	91.3	94.9	95.3	96.7	97.0	97.2	97.7	97.8	97.8	98.0	98.1	98.3	98.4
≥ 800	51.6	79.7	85.7	91.3	95.0	95.4	96.8	97.2	97.4	97.9	98.0	98.0	98.2	98.2	98.5	98.6
≥ 700	51.6	79.7	85.8	91.4	95.1	95.6	97.0	97.4	97.5	98.1	98.1	98.1	98.4	98.4	98.7	98.8
≥ 600	51.6	79.7	85.8	91.5	95.1	95.6	97.1	97.4	97.6	98.2	98.2	98.2	98.5	98.5	98.7	98.8
≥ 500	51.6	79.8	85.8	91.5	95.2	95.8	97.2	97.7	97.8	98.4	98.4	98.4	98.7	98.7	99.0	99.1
≥ 400	51.6	79.8	85.8	91.6	95.3	95.8	97.4	97.8	98.0	98.6	98.7	98.7	99.0	99.0	99.2	99.3
≥ 300	51.6	79.8	85.8	91.6	95.3	95.9	97.4	97.8	98.0	98.7	98.8	98.8	99.1	99.1	99.3	99.4
≥ 200	51.6	79.8	85.8	91.6	95.3	95.9	97.5	98.0	98.2	98.9	99.0	99.0	99.2	99.3	99.6	99.7
≥ 100	51.6	79.8	85.8	91.6	95.3	95.9	97.6	98.0	98.2	98.9	99.0	99.0	99.3	99.4	99.7	99.9
≥ 0	51.6	79.8	85.8	91.6	95.3	95.9	97.6	98.0	98.2	98.9	99.0	99.0	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) ANNUAL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT91	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	⅜ GE08	5/16 GE05	¼ GE04	0 GE00
NO CEILING	19.6	37.0	47.0	56.8	59.1	59.5	60.5	60.6	60.8	60.9	61.0	61.0	61.2	61.2	61.2	61.2
≥ 20000	21.8	40.5	51.8	62.5	65.2	65.5	67.0	67.1	67.2	67.3	67.4	67.4	67.6	67.6	67.6	67.6
≥ 18000	21.8	40.5	51.8	62.5	65.2	65.5	67.0	67.1	67.2	67.3	67.4	67.4	67.6	67.6	67.6	67.6
≥ 16000	21.9	40.6	52.0	62.9	65.6	65.9	67.4	67.5	67.6	67.7	67.8	67.8	68.1	68.1	68.1	68.1
≥ 14000	22.4	41.4	52.8	63.7	66.5	66.8	68.3	68.4	68.5	68.6	68.7	68.7	68.9	68.9	68.9	68.9
≥ 12000	23.7	43.1	54.9	66.1	68.9	69.2	70.8	70.9	71.0	71.1	71.2	71.2	71.4	71.4	71.4	71.4
≥ 10000	24.3	44.3	56.3	68.2	71.0	71.3	72.8	72.9	73.0	73.1	73.2	73.2	73.4	73.4	73.7	73.7
≥ 9000	24.5	45.7	58.1	71.0	74.0	74.3	75.8	75.9	76.0	76.1	76.2	76.2	76.5	76.5	76.7	76.7
≥ 8000	24.9	47.1	59.9	73.1	76.1	76.5	78.0	78.1	78.2	78.3	78.4	78.4	78.6	78.6	78.8	78.8
≥ 7000	25.9	48.9	62.5	76.0	79.0	79.4	80.9	81.0	81.1	81.2	81.4	81.4	81.6	81.6	81.8	81.8
≥ 6000	26.1	49.5	63.1	76.8	79.8	80.1	81.6	81.7	81.8	81.9	82.2	82.2	82.4	82.4	82.6	82.6
≥ 5000	27.1	51.6	66.3	81.0	84.0	84.3	85.9	86.1	86.2	86.3	86.6	86.6	86.9	86.9	87.1	87.1
≥ 4500	27.7	53.7	68.6	83.7	86.7	87.0	88.6	88.8	88.9	89.0	89.2	89.2	89.6	89.6	89.8	89.8
≥ 4000	28.6	55.3	70.4	85.5	88.5	88.8	90.4	90.6	90.8	90.9	91.1	91.1	91.4	91.4	91.6	91.6
≥ 3500	29.5	57.1	72.6	88.0	91.2	91.5	93.1	93.3	93.4	93.7	93.9	93.9	94.2	94.2	94.4	94.4
≥ 3000	29.7	57.7	73.3	88.9	92.2	92.5	94.1	94.3	94.4	94.6	94.8	94.8	95.2	95.2	95.4	95.4
≥ 2500	30.1	58.4	74.1	90.2	93.4	93.8	95.5	95.7	95.8	96.0	96.2	96.2	96.7	96.7	96.9	96.9
≥ 2000	30.2	58.8	74.5	90.8	94.0	94.3	96.0	96.2	96.3	96.6	96.8	96.8	97.2	97.2	97.4	97.4
≥ 1800	30.3	58.9	74.6	91.0	94.2	94.5	96.2	96.5	96.6	96.8	97.0	97.0	97.4	97.4	97.6	97.6
≥ 1500	30.3	59.1	74.8	91.2	94.4	94.7	96.5	96.7	96.8	97.0	97.2	97.2	97.6	97.6	97.8	97.8
≥ 1200	30.4	59.2	74.9	91.3	94.5	94.8	96.6	96.8	96.9	97.1	97.3	97.3	97.7	97.7	98.0	98.0
≥ 1000	30.4	59.2	74.9	91.3	94.5	94.8	96.6	96.8	96.9	97.1	97.3	97.3	97.7	97.7	98.0	98.0
≥ 900	30.4	59.4	75.1	91.4	94.8	95.2	96.9	97.1	97.2	97.4	97.6	97.6	98.1	98.1	98.3	98.3
≥ 800	30.4	59.4	75.1	91.4	94.8	95.2	96.9	97.1	97.2	97.4	97.6	97.6	98.1	98.1	98.3	98.3
≥ 700	30.4	59.4	75.1	91.6	95.2	95.5	97.2	97.4	97.5	97.7	98.0	98.0	98.4	98.4	98.6	98.6
≥ 600	30.4	59.4	75.1	91.7	95.4	95.7	97.5	97.7	97.8	98.1	98.3	98.3	98.7	98.7	98.9	98.9
≥ 500	30.4	59.4	75.1	91.7	95.4	95.7	97.6	97.8	98.0	98.2	98.4	98.4	98.8	98.8	99.0	99.0
≥ 400	30.4	59.4	75.1	91.7	95.4	95.7	97.6	97.8	98.0	98.2	98.4	98.4	98.8	98.8	99.0	99.0
≥ 300	30.4	59.4	75.2	92.0	95.7	96.0	98.0	98.2	98.3	98.5	98.7	98.7	99.1	99.1	99.4	99.4
≥ 200	30.4	59.4	75.2	92.0	95.7	96.0	98.0	98.2	98.5	98.9	99.1	99.1	99.8	99.8	100.0	100.0
≥ 100	30.4	59.4	75.2	92.0	95.7	96.0	98.0	98.2	98.5	98.9	99.1	99.1	99.8	99.8	100.0	100.0
≥ 0	30.4	59.4	75.2	92.0	95.7	96.0	98.0	98.2	98.5	98.9	99.1	99.1	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOUR LST

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥7 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥¼ GE0	≥0 GE0
UNLIMITED	14.1	28.7	37.6	50.3	53.4	54.[illegible]	56.7	57.3	57.3	58.1	58.2	58.2	58.8	59.[illegible]	59.[illegible]	59.7
20000	15.6	31.4	41.2	54.8	58.1	58.6	61.4	62.[illegible]	62.[illegible]	62.8	62.9	62.9	63.5	63.8	64.2	64.4
≥ 8000	15.8	31.6	41.4	55.1	58.3	58.8	61.6	62.3	62.[illegible]	63.0	63.1	63.1	63.8	64.[illegible]	64.4	64.6
5000	15.9	31.7	41.5	55.2	58.4	58.9	61.7	62.4	62.4	63.1	63.2	63.2	63.9	64.1	64.5	64.7
4000	16.7	32.6	42.5	56.1	59.5	60.[illegible]	62.8	63.4	63.4	64.2	64.3	64.3	64.9	65.2	65.6	65.8
3000	17.7	34.2	44.3	58.5	61.8	62.4	65.3	66.[illegible]	66.[illegible]	66.8	66.9	66.9	67.5	67.7	68.2	68.4
2500	18.3	35.2	45.5	60.3	63.[illegible]	64.4	67.3	68.2	68.2	69.[illegible]	69.1	69.1	69.9	70.1	70.5	70.8
2000	19.[illegible]	36.3	47.1	62.4	66.0	66.6	69.5	70.4	70.4	71.3	71.4	71.4	72.2	72.4	72.8	73.0
1800	19.[illegible]	36.7	47.5	62.9	66.7	67.2	70.1	71.1	71.1	71.9	72.0	72.0	72.8	73.0	73.4	73.7
1500	19.6	38.[illegible]	48.9	64.8	68.7	69.2	72.2	73.1	73.1	74.0	74.1	74.1	74.8	75.1	75.5	75.7
1200	20.2	39.5	50.5	66.6	7[illegible].4	71.0	73.9	74.8	74.8	75.7	75.8	75.8	76.6	76.8	77.2	77.4
1000	21.0	41.2	52.5	69.4	73.4	74.0	76.9	78.[illegible]	78.[illegible]	78.9	79.[illegible]	79.0	79.8	80.0	80.4	80.6
900	21.5	42.5	54.5	71.8	76.[illegible]	76.6	79.[illegible]	80.5	80.[illegible]	81.5	81.6	81.6	82.4	82.6	83.[illegible]	83.2
800	22.[illegible]	44.[illegible]	56.[illegible]	73.5	77.7	78.3	81.2	82.3	82.3	83.2	83.3	83.3	84.1	84.3	84.7	84.9
700	22.4	44.5	56.8	74.5	78.8	79.4	82.[illegible]	83.5	83.[illegible]	84.5	84.6	84.6	85.4	85.6	86.0	86.2
600	22.8	45.6	58.0	76.8	81.1	81.6	84.7	85.8	85.8	86.8	86.9	86.9	87.6	87.8	88.3	88.5
500	23.[illegible]	46.9	59.4	78.6	82.9	83.4	87.[illegible]	88.3	88.3	89.4	89.5	89.5	9[illegible].2	90.4	90.9	91.1
400	23.9	47.4	60.[illegible]	79.7	84.0	84.5	88.3	89.4	89.4	90.4	90.[illegible]5	9[illegible].5	91.3	91.5	91.9	92.2
300	23.9	47.4	6[illegible].0	80.1	84.4	84.9	88.[illegible]	89.8	89.8	90.9	91.0	91.0	91.7	91.9	92.4	92.6
200	23.9	47.7	6[illegible].4	80.6	84.9	85.5	89.2	9[illegible].3	9[illegible].3	91.4	91.5	91.5	92.3	92.5	92.9	93.1
150	24.1	48.2	60.9	81.3	85.6	86.1	9[illegible].2	91.3	91.3	92.4	92.5	92.5	93.[illegible]	93.4	93.9	94.1
100	24.1	48.5	61.2	81.9	86.2	86.8	9[illegible].9	91.9	91.9	93.[illegible]	93.1	93.1	93.9	94.1	94.5	94.7
900	24.1	48.6	61.3	82.4	86.7	87.2	91.[illegible]	92.4	92.4	93.4	93.5	93.5	94.3	94.5	94.9	95.2
800	24.2	48.7	61.4	82.9	87.2	87.7	91.8	92.[illegible]	92.9	94.0	94.1	94.1	94.8	95.1	95.5	95.7
700	24.2	48.[illegible]7	61.4	83.2	87.5	88.1	92.2	93.2	93.2	94.3	94.4	94.4	95.2	95.4	95.8	96.0
600	24.[illegible]		61.5	83.5	88.0	88.5	92.6	93.7	93.7	94.7	94.8	94.8	95.6	95.8	96.2	96.5
500	24.		61.5	83.9	88.3	88.8	93.0	94.1	94.1	95.2	95.3	95.3	96.0	96.2	96.7	96.9
400	24		1.5	84.1	88.5	89.0	93.3	94.4	94.5	95.6	95.7	95.7	96.5	96.7	97.1	97.3
300	24.			84.6	89.[illegible]	89.6	93.[illegible]	94.9	95.2	96.3	96.5	96.5	97.3	97.5	98.[illegible]	98.2
200	24			84.6	89.0	89.6	94.1	95.2	95.5	97.1	97.2	97.2	98.3	98.5	99.1	99.5
100	24.			84.6	89.[illegible]	89.6	94.1	95.2	95.5	97.1	97.3	97.3	98.4	98.6	99.2	99.6
0	24.2		.7	84.6	89.0	89.6	94.1	95.2	95.5	97.1	97.3	97.3	98.4	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 E090	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	⅝ GE10	½ GE08	5/16 GE05	¼ GE04	0 GE0
NO CEILING	12.1	18.5	21.1	30.4	36.0	40.2	47.6	50.1	50.8	52.1	52.2	52.2	52.9	52.9	53.8	54.1
≥ 20000	14.6	22.6	25.3	35.6	41.8	46.1	53.7	56.2	56.9	58.3	58.4	58.4	59.2	59.2	60.2	60.5
≥ 18000	14.6	22.6	25.3	35.6	41.8	46.1	53.7	56.2	56.9	58.3	58.4	58.4	59.2	59.2	60.2	60.5
≥ 16000	14.6	22.6	25.3	35.6	41.8	46.1	53.7	56.2	56.9	58.3	58.4	58.4	59.2	59.2	60.2	60.5
≥ 14000	14.7	22.9	25.8	36.2	42.5	46.8	54.5	56.9	57.7	59.1	59.2	59.2	60.0	60.0	60.9	61.2
≥ 12000	15.0	23.4	26.6	37.7	44.1	48.4	56.3	58.9	59.6	61.0	61.1	61.1	61.9	61.9	62.9	63.3
≥ 10000	15.4	24.0	27.4	38.6	45.9	50.5	58.7	61.2	62.0	63.4	63.5	63.5	64.3	64.3	65.2	65.7
≥ 9000	16.4	25.4	29.3	40.5	47.8	52.4	60.8	63.6	64.4	65.8	65.9	65.9	66.7	66.7	67.7	68.1
≥ 8000	16.9	26.2	30.0	41.3	48.7	53.3	61.9	64.8	65.6	67.1	67.2	67.2	68.0	68.0	69.0	69.4
≥ 7000	17.5	27.1	31.6	43.2	50.5	55.3	64.3	67.2	67.9	69.4	69.5	69.5	70.4	70.4	71.4	71.8
≥ 6000	17.9	28.0	32.7	44.5	51.9	56.9	66.0	68.9	69.6	71.2	71.3	71.3	72.1	72.1	73.1	73.5
≥ 5000	18.6	29.3	34.1	46.3	53.8	58.9	67.9	70.8	71.6	73.1	73.2	73.2	74.1	74.1	75.1	75.5
≥ 4500	19.4	30.7	35.5	47.9	55.8	60.8	70.1	73.0	73.7	75.6	75.7	75.7	76.5	76.5	77.5	77.9
≥ 4000	19.9	31.3	36.5	49.1	57.2	62.3	71.9	74.8	75.6	77.4	77.5	77.5	78.4	78.4	79.3	79.8
≥ 3500	20.3	32.0	37.4	50.3	58.7	63.8	73.6	76.6	77.4	79.2	79.3	79.3	80.2	80.2	81.2	81.6
≥ 3000	20.8	33.2	38.9	52.1	60.7	66.3	76.4	79.5	80.3	82.2	82.3	82.3	83.2	83.2	84.2	84.6
≥ 2500	21.2	33.7	39.5	53.0	61.8	67.6	77.8	81.1	81.8	83.7	83.9	83.9	84.7	84.7	85.7	86.1
≥ 2000	21.6	34.2	40.2	54.4	63.5	69.4	79.9	83.1	83.9	85.8	85.9	85.9	86.8	86.8	87.7	88.2
≥ 1800	21.7	34.3	40.4	54.7	63.8	69.8	80.3	83.5	84.3	86.2	86.3	86.3	87.2	87.2	88.2	88.6
≥ 1500	21.7	34.9	40.9	55.2	64.4	70.5	81.1	84.4	85.1	87.1	87.2	87.2	88.1	88.1	89.0	89.5
≥ 1200	21.7	34.9	41.3	55.7	64.8	70.9	81.7	85.1	85.9	87.9	88.1	88.1	88.9	88.9	89.9	90.3
≥ 1000	21.9	35.2	41.4	56.3	65.6	71.8	82.7	86.2	87.0	89.2	89.3	89.3	90.2	90.2	91.2	91.6
≥ 900	21.9	35.3	41.6	56.5	65.8	72.0	83.1	86.7	87.4	89.8	89.9	89.9	90.7	90.7	91.7	92.1
≥ 800	21.9	35.4	41.7	56.6	65.9	72.2	83.3	86.9	87.6	90.0	90.1	90.1	91.0	91.0	91.9	92.4
≥ 700	21.9	35.4	41.8	56.7	66.0	72.4	83.6	87.3	88.1	90.4	90.5	90.5	91.4	91.4	92.4	92.8
≥ 600	21.9	35.4	41.8	56.9	66.2	72.8	84.3	87.9	88.7	91.3	91.4	91.4	92.2	92.2	93.2	93.6
≥ 500	21.9	35.6	42.1	57.6	67.0	74.0	85.7	89.5	90.2	93.0	93.1	93.1	94.0	94.0	95.0	95.5
≥ 400	21.9	35.6	42.1	57.7	67.1	74.2	86.3	90.2	91.1	94.1	94.2	94.2	95.0	95.0	96.1	96.6
≥ 300	21.9	35.6	42.2	57.9	67.4	74.6	87.0	91.0	91.8	95.2	95.3	95.3	96.4	96.4	98.0	98.4
≥ 200	21.9	35.6	42.2	57.9	67.4	74.6	87.0	91.0	91.8	95.4	95.6	95.6	97.0	97.0	98.6	99.5
≥ 100	21.9	35.6	42.2	57.9	67.4	74.6	87.0	91.0	91.8	95.4	95.7	95.7	97.2	97.2	98.8	99.7
≥ 0	21.9	35.6	42.2	57.9	67.4	74.6	87.0	91.0	91.8	95.4	95.7	95.7	97.2	97.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.7	≥6 EQ9.6	≥5 GE8.0	≥4 GE6.4	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥⅜ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING	18.8	28.5	34.1	44.1	51.9	53.1	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	20.3	31.5	38.0	48.8	57.3	58.8	61.1	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	20.3	31.5	38.0	48.8	57.3	58.8	61.1	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	20.3	31.9	38.3	49.1	57.6	59.1	61.5	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	20.5	32.1	38.5	49.5	58.0	59.5	61.9	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	21.0	33.3	39.7	50.7	59.4	61.0	63.5	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	21.2	33.6	40.2	51.6	60.9	62.6	65.2	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	22.4	34.9	42.0	53.6	63.3	65.0	67.7	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	23.5	36.1	43.4	55.1	64.8	66.6	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 7000	24.1	37.2	44.9	56.7	66.7	68.6	71.9	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	24.9	38.2	46.0	58.2	68.5	70.3	73.6	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	25.5	40.0	48.2	60.9	71.6	73.4	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	26.3	41.2	50.1	62.9	73.6	75.5	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	26.7	42.4	51.7	65.1	76.2	78.0	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	27.1	42.9	52.3	65.9	77.1	78.9	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	27.7	44.6	54.0	68.0	79.4	81.3	85.1	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	28.4	46.2	55.9	70.1	81.7	83.5	87.5	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	29.4	48.0	57.9	72.4	84.3	86.3	90.4	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	29.7	48.4	58.4	73.2	85.5	87.5	91.6	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	29.9	49.1	59.5	74.4	87.0	89.2	93.4	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	29.9	49.4	60.0	75.0	87.9	90.3	94.8	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	29.9	49.5	60.1	75.1	88.4	91.1	95.6	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	30.0	49.7	60.3	75.5	88.7	91.4	96.0	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	30.0	49.9	60.5	75.7	88.9	91.7	96.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	30.0	49.9	60.6	75.8	89.0	91.8	96.4	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	30.0	50.2	60.8	76.2	89.5	92.6	97.5	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	30.0	50.2	60.8	76.2	89.5	92.7	97.7	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	30.0	50.3	61.0	76.4	89.8	93.0	98.2	99.0	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	30.0	50.3	61.0	76.4	89.8	93.0	98.3	99.2	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	30.0	50.3	61.0	76.4	89.8	93.0	98.3	99.2	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	30.0	50.3	61.0	76.4	89.8	93.0	98.3	99.2	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	30.0	50.3	61.0	76.4	89.8	93.0	98.3	99.2	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.7	≥6 FQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥⅝ GE1.0	≥½ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0.0
NO CEILING	22.2	36.0	43.7	50.5	55.8	56.2	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	25.6	41.1	49.1	56.8	62.7	63.3	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	25.6	41.1	49.1	56.8	62.7	63.3	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	25.6	41.3	49.4	57.0	62.9	63.5	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	25.8	41.6	50.0	57.6	63.5	64.2	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	27.2	43.1	51.7	59.4	65.4	66.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	27.8	45.2	54.1	62.2	68.3	69.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 9000	28.9	46.5	55.5	63.5	69.7	70.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	29.5	47.5	56.8	64.9	71.3	72.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	30.0	48.5	58.1	66.2	72.6	73.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	30.5	49.7	59.4	67.6	74.0	74.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 5000	31.9	52.0	61.9	70.4	77.0	77.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500	32.9	53.7	63.7	72.5	79.0	79.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	34.2	55.8	66.2	74.9	81.6	82.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	35.4	58.0	68.5	77.6	84.5	85.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	36.3	59.8	70.6	80.1	87.0	87.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	37.6	62.4	73.8	83.4	90.8	91.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	38.9	64.1	76.0	86.6	93.9	95.3	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	39.1	64.4	76.3	87.1	94.4	95.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	39.1	64.6	76.7	87.4	94.8	96.2	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	39.2	64.9	77.0	87.8	95.3	96.7	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	39.4	65.1	77.1	88.1	95.5	96.9	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	39.4	65.1	77.1	88.1	95.5	96.9	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	39.4	65.1	77.2	88.2	95.6	97.0	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	39.4	65.1	77.3	88.3	95.7	97.1	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	39.4	65.1	77.3	88.3	95.7	97.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	39.4	65.1	77.3	88.3	95.7	97.1	99.1	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 400	39.4	65.1	77.3	88.4	95.8	97.2	99.2	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	39.4	65.1	77.3	88.4	95.8	97.2	99.2	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	39.4	65.1	77.3	88.4	95.8	97.2	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	39.4	65.1	77.3	88.4	95.8	97.2	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	39.4	65.1	77.3	88.4	95.8	97.2	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 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

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOUR LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥ GE0	≥3/16 GE0	≥0 GE0	≥0 GE0
NO CEILING	21.8	37.0	44.9	50.0	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	27.2	44.2	52.9	59.4	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	27.2	44.2	52.9	59.4	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	27.2	44.2	52.9	59.4	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	27.6	44.7	53.5	60.0	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	29.0	46.6	55.9	62.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000	30.1	48.6	58.2	65.5	69.5	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	31.4	50.1	59.8	67.2	71.2	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	31.6	50.8	60.4	68.3	72.3	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	32.8	52.3	61.9	70.0	74.0	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000	34.1	54.1	63.9	72.3	76.2	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	35.7	57.5	68.2	76.7	80.6	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	37.3	60.2	71.0	79.9	84.4	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	39.4	63.1	74.0	83.3	87.8	88.1	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500	40.2	65.5	76.6	86.1	91.0	91.2	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	41.4	68.2	79.2	89.2	94.1	94.3	94.4	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	41.8	69.8	81.0	91.0	95.8	96.0	96.2	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	42.2	70.3	81.7	91.8	96.7	96.9	97.1	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	42.3	70.4	81.9	92.0	96.9	97.1	97.3	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	42.3	70.4	82.2	92.3	97.1	97.3	97.5	97.5	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	42.7	71.0	82.7	92.8	97.6	97.8	98.2	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	42.7	71.1	82.8	92.9	97.7	98.1	98.4	98.4	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 900	42.7	71.1	82.9	93.0	97.8	98.2	98.5	98.5	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4
≥ 800	42.7	71.1	82.9	93.0	97.8	98.2	98.5	98.5	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4
≥ 700	42.7	71.1	82.9	93.0	97.8	98.2	98.5	98.6	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	42.7	71.1	83.0	93.2	98.1	98.4	98.7	98.8	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	42.7	71.1	83.0	93.2	98.1	98.4	98.7	98.8	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	42.7	71.1	83.0	93.2	98.3	98.6	98.9	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	42.7	71.1	83.0	93.2	98.3	98.6	98.9	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	42.7	71.1	83.0	93.2	98.3	98.6	98.9	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	42.7	71.1	83.0	93.2	98.3	98.6	98.9	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	42.7	71.1	83.0	93.2	98.3	98.6	98.9	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	⅜ GE08	¼ GE05	5/16 GE05	0 GE00
NO CEILING	23.1	37.3	46.0	50.6	52.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	28.6	46.5	57.5	64.4	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	28.6	46.5	57.5	64.4	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	28.6	46.5	57.5	64.5	67.1	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	29.6	47.7	58.9	66.3	68.7	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	32.5	51.8	63.7	71.4	74.3	74.3	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	33.9	54.5	67.1	74.8	77.8	77.8	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	35.7	56.9	69.6	77.6	80.8	80.8	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	36.6	58.8	71.7	79.9	83.0	83.0	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	38.0	61.2	74.6	83.3	86.6	86.6	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	38.6	61.9	75.4	84.1	87.4	87.4	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	40.6	65.1	78.5	87.2	90.5	90.5	91.3	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 4500	41.9	66.9	80.4	89.2	92.8	92.8	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 4000	42.9	68.6	82.4	91.2	94.7	94.7	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 3500	43.2	69.4	83.1	91.9	95.5	95.5	96.2	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5
≥ 3000	43.8	70.3	84.4	93.3	96.9	96.9	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 2500	44.0	70.6	84.8	93.8	97.3	97.3	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 2000	44.1	71.0	85.2	94.2	97.7	97.7	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1800	44.1	71.0	85.4	94.6	98.2	98.2	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1500	44.1	71.0	85.4	94.6	98.2	98.2	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1200	44.2	71.1	85.6	94.9	98.5	98.5	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1000	44.2	71.1	85.6	94.9	98.6	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	44.2	71.1	85.6	94.9	98.6	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	44.2	71.1	85.6	94.9	98.6	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	44.2	71.1	85.6	94.9	98.6	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	44.2	71.1	85.6	94.9	98.6	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	44.2	71.1	85.6	94.9	98.6	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	44.2	71.1	85.6	94.9	98.6	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	44.3	71.4	85.9	95.3	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	44.3	71.4	85.9	95.3	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	44.3	71.4	85.9	95.3	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	44.3	71.4	85.9	95.3	98.9	98.9	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	⅞ GE12	¾ GE10	⅝ GE08	½ GE05	⅜ GE04	¼ GE00
NO CEILING	20.9	37.5	47.5	54.9	56.8	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	24.9	44.8	56.7	65.4	67.5	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	24.9	44.9	56.8	65.5	67.6	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	25.1	45.1	56.9	65.6	68.0	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	25.8	46.2	58.3	67.3	69.7	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	28.1	49.4	61.5	70.8	73.1	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 10000	29.0	51.5	64.1	73.8	76.3	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	30.3	54.5	67.6	77.3	80.2	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	30.8	55.6	68.8	78.7	81.6	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	32.4	58.0	71.6	82.0	84.9	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	32.8	58.9	72.7	83.1	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	34.7	62.2	76.3	87.2	90.4	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	36.6	64.5	78.9	89.9	93.3	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	37.3	65.9	80.5	91.6	95.1	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	37.5	66.7	81.4	92.5	95.9	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	37.5	67.1	82.0	93.1	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	37.6	67.6	82.7	94.0	97.7	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	37.7	67.7	82.8	94.2	98.1	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	37.8	67.8	82.9	94.5	98.4	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	37.8	67.8	82.9	94.5	98.4	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	37.8	67.8	82.9	94.5	98.4	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	37.8	67.8	82.9	94.5	98.5	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	37.8	67.8	82.9	94.7	98.7	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	37.8	67.8	82.9	94.7	98.7	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	37.8	67.8	82.9	94.7	98.7	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	37.8	67.8	83.1	94.9	98.9	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	37.8	67.8	83.1	94.9	98.9	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	37.8	67.8	83.1	94.9	98.9	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	37.8	67.8	83.2	95.1	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	37.8	67.8	83.2	95.1	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	37.8	67.8	83.2	95.1	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	37.8	67.8	83.2	95.1	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.2	≥6 EQ9.2	≥5 GE8.2	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥⅜ GE0.8	≥3/16 GE0.5	≥0 GE0.4	≥0 GE0
NO CEILING	19.1	32.6	40.3	48.5	52.2	53.1	54.9	55.3	55.5	55.7	55.8	55.8	56.0	56.0	56.2	56.2
≥ 20000	22.3	37.8	46.6	56.0	60.3	61.3	63.3	63.8	63.9	64.2	64.2	64.2	64.4	64.4	64.6	64.7
≥ 18000	22.4	37.9	46.6	56.0	60.4	61.3	63.3	63.8	63.9	64.2	64.3	64.3	64.5	64.5	64.7	64.7
≥ 6000	22.4	38.0	46.7	56.2	60.6	61.5	63.5	64.0	64.1	64.4	64.4	64.4	64.6	64.7	64.8	64.9
≥ 14000	22.9	38.7	47.6	57.1	61.5	62.5	64.5	65.0	65.1	65.4	65.4	65.4	65.6	65.6	65.8	65.9
≥ 12000	24.3	40.6	49.8	59.7	64.2	65.2	67.3	67.8	67.9	68.2	68.3	68.3	68.5	68.5	68.7	68.8
≥ 10000	25.1	42.1	51.6	61.9	66.7	67.7	69.9	70.4	70.5	70.9	70.9	70.9	71.1	71.1	71.3	71.4
≥ 9000	26.1	43.8	53.6	64.1	69.1	70.2	72.4	72.9	73.1	73.4	73.4	73.4	73.6	73.7	73.9	74.0
≥ 8000	26.6	44.8	54.8	65.5	70.6	71.6	73.9	74.5	74.6	74.9	75.1	75.0	75.2	75.2	75.4	75.5
≥ 7000	27.5	46.4	56.8	67.8	72.9	74.0	76.3	76.9	77.0	77.4	77.4	77.4	77.6	77.7	77.9	78.0
≥ 6000	28.1	47.5	58.1	69.1	74.3	75.5	77.8	78.4	78.5	78.9	78.9	78.9	79.1	79.2	79.4	79.5
≥ 5000	29.4	49.9	60.8	72.4	77.7	78.8	81.2	81.8	82.0	82.3	82.4	82.4	82.6	82.6	82.8	82.9
≥ 4500	30.5	51.7	62.8	74.7	80.2	81.4	83.8	84.4	84.6	85.0	85.0	85.0	85.3	85.3	85.5	85.6
≥ 4000	31.4	53.3	64.7	76.8	82.4	83.5	86.1	86.6	86.8	87.2	87.2	87.2	87.5	87.5	87.7	87.8
≥ 3500	32.0	54.5	66.1	78.4	84.1	85.2	87.8	88.4	88.6	89.0	89.0	89.0	89.3	89.3	89.5	89.6
≥ 3000	32.5	55.8	67.6	80.2	86.0	87.2	89.9	90.5	90.6	91.1	91.1	91.1	91.4	91.4	91.6	91.7
≥ 2500	33.1	57.3	68.9	81.8	87.7	88.9	91.7	92.4	92.5	93.0	93.0	93.0	93.3	93.3	93.5	93.6
≥ 2000	33.5	57.7	69.8	83.0	89.0	90.4	93.2	93.8	94.0	94.5	94.5	94.5	94.8	94.8	95.0	95.1
≥ 1800	33.6	57.9	70.0	83.4	89.5	90.8	93.7	94.3	94.5	94.9	95.0	95.0	95.3	95.3	95.5	95.6
≥ 1500	33.7	58.1	70.4	83.8	89.9	91.3	94.2	94.8	95.0	95.5	95.5	95.5	95.8	95.8	96.0	96.1
≥ 1200	33.8	58.3	70.6	84.2	90.3	91.7	94.8	95.4	95.6	96.1	96.2	96.2	96.4	96.5	96.7	96.7
≥ 1000	33.8	58.4	70.8	84.4	90.6	92.1	95.2	95.8	96.0	96.6	96.6	96.6	96.9	96.9	97.1	97.2
≥ 900	33.8	58.5	70.8	84.6	90.8	92.3	95.4	96.1	96.3	96.8	96.9	96.9	97.2	97.2	97.4	97.5
≥ 800	33.8	58.6	70.9	84.7	91.0	92.5	95.6	96.3	96.4	97.0	97.1	97.1	97.4	97.4	97.6	97.7
≥ 700	33.8	58.6	70.9	84.8	91.1	92.6	95.7	96.4	96.6	97.2	97.2	97.2	97.5	97.6	97.8	97.8
≥ 600	33.8	58.6	71.0	85.0	91.3	92.9	96.1	96.9	97.0	97.6	97.7	97.7	98.0	98.0	98.2	98.3
≥ 500	33.8	58.6	71.1	85.1	91.4	93.1	96.4	97.2	97.4	98.0	98.1	98.1	98.4	98.4	98.6	98.7
≥ 400	33.8	58.6	71.1	85.2	91.5	93.2	96.6	97.4	97.6	98.3	98.3	98.3	98.7	98.7	98.9	99.0
≥ 300	33.8	58.7	71.2	85.4	91.7	93.4	96.9	97.7	97.9	98.6	98.7	98.7	99.1	99.1	99.4	99.5
≥ 200	33.8	58.7	71.2	85.4	91.7	93.4	96.9	97.7	98.0	98.8	98.9	98.9	99.4	99.4	99.7	99.9
≥ 100	33.8	58.7	71.2	85.4	91.7	93.4	96.9	97.7	98.0	98.8	99.0	99.0	99.4	99.4	99.8	99.9
≥ 0	33.8	58.7	71.2	85.4	91.7	93.4	96.9	97.7	98.0	98.8	99.0	99.0	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7838

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-87 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(HOURS) 0000-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 OR 9	≥6 OR 5	≥5 OR 4	≥4 OR 3	≥3 OR 2	≥2 OR 1	≥2 OR 1	≥1 1/4 OR 2	≥1 1/4 OR 2	≥1 OR 1	≥1 OR 1	≥1 OR 1	≥3/4 OR 1	≥5/16 OR 0.5	≥1/4 OR 0.4	≥0 OR 0
NO CEILING	21.9	39.0	47.5	56.6	60.3	60.5	60.9	61.1	61.1	61.2	61.2	61.2	61.6	61.6	62.0	62.1
≥ 20000	24.5	43.7	53.2	63.2	66.8	67.1	67.6	67.8	67.8	67.9	67.9	67.9	68.2	68.2	68.7	68.8
≥ 18000	24.5	43.7	53.2	63.2	67.1	67.3	67.8	68.0	68.0	68.1	68.1	68.1	68.5	68.5	68.9	69.0
≥ 16000	24.8	44.1	53.6	63.6	67.5	67.7	68.2	68.5	68.5	68.6	68.6	68.6	68.9	68.9	69.3	69.4
≥ 14000	25.6	45.5	55.1	65.3	69.2	69.4	70.0	70.2	70.2	70.3	70.3	70.3	70.6	70.6	71.0	71.2
≥ 12000	26.9	47.5	57.3	67.8	71.7	71.9	72.4	72.7	72.7	72.8	72.8	72.8	73.2	73.2	73.6	73.7
≥ 10000	28.4	49.6	59.4	70.4	74.3	74.5	75.0	75.5	75.5	75.6	75.6	75.6	76.0	76.0	76.4	76.5
≥ 9000	28.8	50.8	60.6	72.2	76.6	76.9	77.4	77.8	77.8	78.0	78.0	78.0	78.5	78.5	78.9	79.0
≥ 8000	29.9	52.1	62.1	74.1	78.5	78.7	79.2	79.7	79.7	79.9	79.9	79.9	80.3	80.3	80.7	80.8
≥ 7000	30.9	53.8	63.9	76.1	80.5	80.7	81.3	81.7	81.7	81.9	81.9	81.9	82.3	82.3	82.8	82.9
≥ 6000	31.6	55.3	65.8	78.3	82.8	83.1	83.5	84.0	84.0	84.2	84.2	84.2	84.6	84.6	85.0	85.1
≥ 5000	33.4	58.3	69.1	82.1	86.7	86.9	87.4	87.9	87.9	88.2	88.2	88.2	88.6	88.6	89.0	89.1
≥ 4500	33.9	59.6	70.8	84.6	89.1	89.3	90.0	90.5	90.5	90.7	90.7	90.7	91.2	91.2	91.6	91.7
≥ 4000	33.9	60.0	71.4	85.6	90.1	90.3	91.0	91.5	91.5	91.7	91.7	91.7	92.1	92.1	92.6	92.7
≥ 3500	34.1	60.4	72.1	86.7	91.2	91.4	92.0	92.6	92.6	92.8	92.8	92.8	93.2	93.2	93.6	93.8
≥ 3000	34.7	61.8	73.6	88.2	92.8	93.0	93.6	94.2	94.2	94.4	94.4	94.4	94.8	94.8	95.3	95.4
≥ 2500	34.9	62.6	74.6	89.7	94.4	94.6	95.3	95.8	95.8	96.0	96.0	96.0	96.4	96.4	96.9	97.0
≥ 2000	35.1	63.0	74.9	90.3	95.0	95.3	95.9	96.4	96.4	96.7	96.7	96.7	97.1	97.1	97.5	97.6
≥ 1800	35.1	63.0	74.9	90.3	95.0	95.3	95.9	96.4	96.4	96.7	96.7	96.7	97.1	97.1	97.5	97.6
≥ 1500	35.2	63.4	75.3	90.9	95.7	95.9	96.6	97.1	97.1	97.3	97.3	97.3	97.7	97.7	98.2	98.3
≥ 1200	35.3	63.6	75.6	91.1	95.9	96.1	96.8	97.3	97.3	97.5	97.5	97.5	98.0	98.0	98.4	98.5
≥ 1000	35.3	63.6	75.6	91.1	95.9	96.1	96.8	97.3	97.3	97.5	97.5	97.5	98.1	98.1	98.5	98.6
≥ 900	35.3	63.7	75.7	91.2	96.0	96.2	96.9	97.4	97.4	97.6	97.6	97.6	98.2	98.2	98.6	98.7
≥ 800	35.3	63.7	75.7	91.2	96.0	96.2	96.9	97.4	97.4	97.6	97.6	97.6	98.2	98.2	98.6	98.7
≥ 700	35.3	63.7	75.7	91.2	96.0	96.2	96.9	97.4	97.4	97.6	97.6	97.6	98.2	98.2	98.6	98.7
≥ 600	35.3	63.7	75.7	91.3	96.1	96.3	97.0	97.5	97.5	97.7	97.7	97.7	98.3	98.3	98.7	98.8
≥ 500	35.3	63.7	75.7	91.3	96.2	96.4	97.1	97.6	97.6	97.8	97.8	97.8	98.4	98.4	98.8	98.9
≥ 400	35.4	63.9	75.9	91.6	96.6	96.8	97.4	98.0	98.0	98.2	98.2	98.2	98.7	98.7	99.1	99.2
≥ 300	35.4	63.9	75.9	91.9	96.9	97.1	97.7	98.4	98.4	98.6	98.6	98.6	99.1	99.1	99.6	99.7
≥ 200	35.4	63.9	75.9	91.9	96.9	97.1	97.8	98.5	98.5	98.7	98.7	98.7	99.2	99.2	99.7	99.8
≥ 100	35.4	63.9	75.9	91.9	96.9	97.1	97.8	98.5	98.5	98.7	98.7	98.7	99.4	99.4	99.8	100.0
≥ 0	35.4	63.9	75.9	91.9	96.9	97.1	97.8	98.5	98.5	98.7	98.7	98.7	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) ANN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(ISSUE) 3/80-5/82

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥⅞ GE1	≥¾ GE1	≥⅝ GE0	≥½ GE0	≥⅜ GE0	≥0 GE0
NO CEILING	14.3	30.4	37.4	47.3	5[illegible].6	50.8	53.9	54.3	54.4	55.[illegible]	55.3	55.3	56.[illegible]	56.[illegible]	58.1	[illegible]8.4
≥ 20000	16.3	33.8	41.6	52.7	56.1	56.3	59.4	59.8	59.9	60.5	60.8	60.8	61.5	61.5	63.6	63.9
≥ 18000	16.4	34.1	41.8	53.0	56.[illegible]	56.6	59.7	60.1	60.2	60.8	61.1	61.1	61.9	61.9	63.9	64.2
≥ 16000	16.4	34.1	41.8	53.1	56.6	56.7	59.8	60.2	60.3	60.9	61.2	61.2	62.0	62.0	64.[illegible]	64.3
≥ 14000	17.6	35.6	43.4	55.[illegible]	58.4	58.5	61.6	62.1	62.[illegible]	62.7	63.[illegible]	63.0	63.8	63.8	65.8	66.2
≥ 12000	17.8	36.4	44.6	56.5	59.9	60.0	63.1	63.7	63.8	64.3	64.7	64.7	65.4	65.4	67.6	68.[illegible]
≥ 10000	19.0	38.6	47.0	59.1	62.5	62.6	65.8	66.6	66.[illegible]	67.5	67.8	67.8	68.5	68.5	[illegible].7	71.1
≥ 9900	19.4	39.5	48.2	60.3	64.1	64.2	67.5	68.2	68.3	69.1	69.4	69.4	[illegible].2	[illegible].2	72.3	[illegible].7
≥ 8000	20.5	41.2	49.8	62.2	65.9	66.1	69.3	70.0	70.2	71.0	71.3	71.3	[illegible].1	72.1	74.2	74.7
≥ 7000	21.6	43.[illegible]	51.9	64.8	68.5	68.6	71.9	72.6	72.7	73.6	73.9	73.9	74.7	74.7	76.8	77.3
≥ 6000	21.9	43.9	53.[illegible]	66.6	[illegible].4	70.5	73.7	74.7	74.8	75.6	76.[illegible]	76.0	76.7	76.7	78.9	[illegible].3
≥ 5000	23.1	45.6	55.6	69.6	73.4	73.5	76.7	77.7	77.8	78.7	79.[illegible]	79.[illegible]	79.7	79.7	81.9	82.3
≥ 4500	25.0	48.1	58.4	72.6	76.4	76.5	79.7	80.7	80.8	81.7	82.[illegible]	82.0	82.8	82.8	84.9	85.3
≥ 4000	25.5	49.2	59.7	74.1	78.1	78.2	81.5	82.4	82.5	83.4	83.7	83.7	84.5	84.5	86.6	87.1
≥ 3500	25.6	49.7	60.5	75.3	79.3	79.4	82.7	83.6	83.7	84.6	84.9	84.9	85.7	85.7	87.8	88.3
≥ 3000	26.7	51.5	62.9	78.0	82.1	82.2	85.6	86.5	86.6	87.5	87.8	87.8	88.6	88.6	90.7	91.2
≥ 2500	26.7	51.7	63.1	78.6	82.7	82.8	86.1	87.1	87.2	88.[illegible]	88.4	88.4	89.1	89.1	91.3	91.7
≥ 2000	26.7	51.8	63.4	78.9	83.0	83.1	86.4	87.4	87.5	88.4	88.8	88.8	89.7	89.7	91.8	92.2
≥ 1800	26.7	51.9	63.8	79.3	83.4	83.5	86.9	87.8	87.9	88.8	89.2	89.2	90.2	90.2	92.3	[illegible].8
≥ 1500	26.7	52.2	64.1	79.6	83.7	83.8	87.2	88.1	88.3	89.1	89.5	89.5	90.5	90.5	92.7	93.1
≥ 1200	26.7	52.6	64.7	80.4	84.5	84.6	87.9	89.1	89.2	90.1	90.5	90.5	91.5	91.5	93.6	94.1
≥ 1000	26.7	52.6	64.7	80.4	84.5	84.6	87.9	89.1	89.2	90.1	90.5	90.5	91.5	91.5	93.6	94.1
≥ 900	26.7	52.6	64.7	80.4	84.5	84.6	87.9	89.1	89.2	90.1	90.5	90.5	91.5	91.5	93.6	94.1
≥ 800	26.7	52.7	64.9	80.6	84.7	84.8	88.1	89.3	89.4	90.3	90.7	90.7	91.7	91.7	93.9	94.3
≥ 700	26.9	53.2	65.4	81.1	85.2	85.3	88.7	89.9	90.0	90.8	91.3	91.3	92.2	92.2	94.4	94.8
≥ 600	27.0	53.3	65.5	81.6	85.7	85.8	89.1	90.3	90.5	91.4	91.8	91.8	92.8	92.8	94.9	95.4
≥ 500	27.3	53.6	65.8	82.1	86.2	86.3	89.7	90.8	91.1	91.9	92.3	92.3	93.3	93.3	95.5	95.9
≥ 400	27.3	53.7	65.9	82.3	86.4	86.5	89.9	91.4	91.6	92.5	92.9	92.9	93.9	93.9	96.[illegible]	96.4
≥ 300	27.3	53.7	65.9	82.4	86.7	86.9	90.2	91.7	91.9	92.8	93.2	93.2	94.2	94.2	96.3	96.8
≥ 200	27.3	53.7	65.9	82.5	87.1	87.2	90.5	92.1	92.3	93.5	94.1	94.1	95.5	95.5	97.7	98.2
≥ 100	27.3	53.7	65.9	82.5	87.1	87.2	90.5	92.1	92.3	93.6	94.2	94.2	96.3	96.3	98.7	99.6
≥	27.3	53.7	65.9	82.5	87.1	87.2	90.6	92.2	92.5	93.8	94.3	94.3	96.4	96.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

723268 MCGHEE TYSON AIRPORT TN 74-63
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥2 GE2½	≥2 GE2	≥1½ GE1½	≥1 GE1	≥¾ GE¾	≥½ GE½	≥¼ GE¼	≥0 GE0		
NO CEILING	10.2	16.5	18.7	23.3	33.9	33.5	42.4	42.6	42.8	45.9	46.4	46.4	46.7	48.	48.9	49.2
≥ 20000	11.7	18.9	21.6	26.5	34.8	38.0	45.6	47.9	48.1	51.5	52.1	52.1	53.8	53.8	54.7	55.1
≥ 18000	11.7	18.9	21.6	26.5	35.0	38.2	45.9	48.1	48.3	51.7	52.3	52.3	54.0	54.0	54.9	55.2
≥ 16000	11.7	19.1	21.9	26.7	35.2	38.4	46.2	48.4	48.7	52.0	52.6	52.6	54.4	54.4	55.2	55.5
≥ 14000	12.3	19.8	22.8	27.7	36.3	39.5	47.8	50.1	50.7	53.8	54.5	54.5	56.2	56.2	57.1	57.4
≥ 12000	13.0	21.0	24.9	29.7	38.6	41.9	50.3	52.5	52.7	56.3	56.9	56.9	58.8	58.8	59.6	60.1
≥ 10000	14.0	22.3	26.3	31.2	40.8	44.3	53.1	55.3	55.5	59.2	59.8	59.8	61.7	61.7	62.6	63.1
≥ 9000	14.4	22.7	26.7	32.1	41.8	45.6	54.7	57.1	57.5	61.1	61.6	61.8	63.6	63.6	64.6	65.
≥ 8000	15.2	23.8	28.1	33.9	43.7	47.6	56.6	59.1	59.5	63.2	63.8	63.8	65.7	65.7	66.7	67.3
≥ 7000	15.4	24.4	28.7	35.2	45.4	49.3	58.6	61.0	61.5	65.1	65.8	65.8	67.6	67.6	68.7	69.2
≥ 6000	15.9	25.1	29.6	36.4	47.0	50.9	60.5	63.0	63.4	67.2	67.8	67.8	69.6	69.6	70.7	71.3
≥ 5000	16.7	26.6	31.2	38.5	49.5	53.6	63.5	66.0	66.4	70.2	70.8	70.8	72.7	72.7	73.7	74.3
≥ 4500	17.2	27.7	32.6	40.7	51.8	55.9	66.3	68.8	69.2	73.0	73.7	73.7	75.6	75.6	76.6	77.2
≥ 4000	17.8	28.6	33.9	42.5	54.1	58.4	69.0	71.5	71.9	75.8	76.5	76.5	78.4	78.4	79.4	80.0
≥ 3500	18.1	29.2	34.8	43.4	55.2	59.8	70.4	73.1	73.5	77.4	78.1	78.1	80.0	80.0	81.1	81.6
≥ 3000	18.7	30.4	36.2	45.1	57.3	62.3	72.8	75.5	75.9	79.9	80.6	80.6	82.5	82.5	83.5	84.1
≥ 2500	19.1	31.2	37.4	46.4	58.8	63.7	74.8	77.6	78.0	82.0	82.8	82.8	84.6	84.6	85.7	86.3
≥ 2000	19.4	31.9	38.2	47.7	60.2	65.1	76.5	79.5	80.0	84.0	84.8	84.8	86.7	86.7	87.7	88.3
≥ 1800	19.4	32.0	38.4	48.1	60.6	65.6	77.0	80.0	80.4	84.4	85.3	85.3	87.1	87.1	88.2	88.7
≥ 1600	19.4	32.2	38.8	48.4	61.0	65.9	77.3	80.5	80.9	84.9	85.8	85.8	87.6	87.6	88.7	89.2
≥ 1400	19.4	32.2	39.0	48.9	61.8	66.7	78.1	81.4	81.8	85.9	86.8	86.8	88.7	88.7	89.8	90.3
≥ 1200	19.4	32.2	39.2	49.2	62.2	67.2	78.7	81.9	82.3	86.4	87.3	87.3	89.2	89.2	90.3	90.9
≥ 1000	19.5	32.3	39.4	49.5	62.6	67.6	79.3	82.6	83.0	87.1	87.9	87.9	89.9	89.9	91.0	91.5
≥ 900	19.5	32.4	39.5	49.6	62.8	67.7	79.5	82.8	83.2	87.4	88.3	88.3	90.2	90.2	91.3	91.8
≥ 800	19.5	32.5	39.6	49.7	63.0	67.9	79.9	83.1	83.5	87.7	88.6	88.6	90.5	90.5	91.6	92.1
≥ 700	19.5	32.6	39.7	49.9	63.2	68.1	80.4	83.7	84.2	88.4	89.2	89.2	91.2	91.2	92.2	92.8
≥ 600	19.5	32.7	39.8	50.1	63.5	68.5	81.1	84.6	85.0	89.2	90.1	90.1	92.0	92.0	93.1	93.6
≥ 500	19.5	32.7	39.8	50.2	63.7	68.7	81.5	85.0	85.5	89.7	90.6	90.6	92.6	92.6	93.6	94.2
≥ 400	19.5	32.7	39.8	50.3	63.9	69.0	82.0	85.6	86.0	90.3	91.3	91.3	93.6	93.6	94.7	95.5
≥ 300	19.5	32.7	39.8	50.3	63.9	69.0	82.3	85.9	86.4	91.1	92.1	92.1	94.9	94.9	96.3	97.5
≥ 200	19.5	32.7	39.8	50.3	63.9	69.0	82.3	85.9	86.4	91.1	92.5	92.5	95.9	95.9	98.0	99.5
≥ 100	19.5	32.7	39.8	50.3	63.9	69.0	82.3	85.9	86.4	91.1	92.5	92.5	95.9	95.9	98.3	100.0
≥																

TOTAL NUMBER OF OBSERVATIONS 929

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

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-1100 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE0	≥5/16 GE0	≥0 GE0
NO CEILING	13.9	25.1	29.7	34.4	44.1	46.7	48.7	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000	15.7	29.1	34.7	40.1	50.3	52.3	54.9	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8
≥ 18000	15.7	29.1	34.7	40.1	50.3	52.3	54.9	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8
≥ 16000	15.9	29.4	34.9	40.3	50.5	52.5	55.2	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	15.9	29.7	35.5	41.9	51.1	53.1	55.7	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	17.0	31.7	37.8	43.8	54.2	56.1	58.8	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	17.5	32.4	38.8	45.5	56.6	58.6	61.5	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000	18.2	33.7	40.4	47.4	58.7	60.8	63.7	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	18.7	34.5	41.6	48.6	59.9	62.2	65.2	66.0	66.2	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	19.8	36.3	43.7	51.6	62.0	64.3	67.4	68.3	68.5	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	20.2	37.1	44.4	51.4	62.8	65.3	68.4	69.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	21.3	40.1	47.8	55.3	67.3	69.9	73.1	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4500	21.6	41.1	49.1	57.2	70.0	72.7	76.5	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	22.2	42.2	50.2	58.3	71.6	74.3	78.3	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3500	23.8	44.7	52.2	61.0	74.3	77.0	81.7	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	24.3	45.2	53.7	62.6	76.5	79.4	83.4	84.3	84.5	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500	24.9	46.8	55.9	65.1	79.1	82.2	86.3	87.2	87.4	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	25.4	47.5	57.2	66.8	81.3	84.5	88.7	89.9	90.1	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	25.4	47.6	57.4	67.1	81.6	84.8	89.0	90.2	90.4	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	25.8	48.6	58.7	68.4	82.9	86.3	90.5	91.7	91.9	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	25.9	49.0	59.4	69.8	84.7	88.2	92.4	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	26.0	49.4	59.8	70.5	85.7	89.2	93.4	94.6	94.8	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	26.1	49.5	60.0	70.8	85.9	89.7	93.9	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	26.2	49.8	60.5	71.3	86.5	90.3	94.6	95.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	26.3	49.9	60.6	71.6	86.8	90.8	95.3	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	26.5	50.1	61.1	71.9	87.3	91.3	96.1	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	26.6	50.2	61.1	72.0	87.4	91.5	96.3	97.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	26.6	50.2	61.2	72.2	87.5	91.6	96.7	98.5	98.7	99.2	99.4	99.4	99.4	99.4	99.4
≥ 300	26.6	50.2	61.2	72.2	87.6	91.7	97.0	98.8	99.0	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	26.6	50.2	61.2	72.2	87.6	91.7	97.1	98.8	99.0	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	26.6	50.2	61.2	72.2	87.6	91.7	97.1	98.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	26.6	50.2	61.2	72.2	87.6	91.7	97.1	98.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2 GE4	≥2 GE3.2	≥2 GE2.4	≥1 GE2	≥1 GE1.6	≥1 GE1	≥1/2 GE.8	≥5/16 GE.5	≥1/4 GE.4	≥0 GE0
NO CEILING	23.5	36.0	41.5	46.5	51.7	52.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	27.8	43.0	49.2	55.1	60.6	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 18000	27.8	43.0	49.2	55.1	60.6	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	27.8	43.0	49.2	55.1	60.6	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	28.4	43.9	50.1	55.9	61.5	61.8	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	29.1	45.9	52.3	58.2	64.0	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	31.0	48.0	54.7	61.0	67.3	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	31.9	48.9	55.7	62.3	68.6	68.9	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	32.6	50.3	57.1	63.7	70.0	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000	33.9	52.5	59.2	66.2	72.7	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	34.6	53.3	60.3	67.4	73.9	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	36.0	55.5	62.7	70.5	77.3	77.6	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	36.6	57.1	64.3	72.6	79.7	80.0	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	37.8	59.1	66.8	75.3	82.8	83.1	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	38.9	61.6	69.6	78.4	86.1	86.6	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	40.2	63.7	71.8	81.2	89.0	89.5	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	41.4	66.1	74.8	84.4	92.3	92.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	42.5	67.6	76.8	87.1	94.9	95.6	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	42.8	68.0	77.1	87.7	95.6	96.2	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	42.9	68.3	77.4	88.5	96.3	97.1	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	42.9	68.8	78.2	89.5	97.5	98.3	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	43.0	68.9	78.3	89.6	97.6	98.4	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	43.0	68.9	78.3	89.6	97.6	98.4	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	43.0	69.0	78.4	89.7	97.7	98.5	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	43.0	69.0	78.4	89.7	97.7	98.5	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	43.0	69.0	78.4	89.7	97.7	98.5	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	43.0	69.0	78.4	89.8	97.8	98.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	43.0	69.0	78.4	89.8	97.8	98.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	43.0	69.0	78.4	89.8	97.8	98.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	43.0	69.0	78.4	89.8	97.8	98.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.0	69.0	78.4	89.8	97.8	98.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.0	69.0	78.4	89.8	97.8	98.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	27.4	39.1	44.9	51.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	34.4	48.1	54.9	62.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	34.6	48.4	55.3	62.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 16000	34.6	48.4	55.3	62.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 14000	34.8	48.7	55.8	63.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	36.2	51.5	58.8	66.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	38.3	54.3	61.9	70.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	39.0	56.1	63.8	72.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	39.9	57.4	65.2	74.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	41.3	59.2	67.4	76.3	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	41.5	59.7	68.2	76.9	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	44.8	63.5	72.0	81.4	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	46.0	65.4	74.2	83.5	87.8	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	48.1	68.5	77.5	87.4	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	49.6	70.8	80.3	90.1	94.9	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	50.4	72.2	81.9	92.3	97.1	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	50.9	72.9	82.9	93.3	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	50.9	73.1	83.3	93.8	98.6	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	50.9	73.3	83.5	94.2	99.0	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	51.1	73.5	83.8	94.4	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	51.2	73.7	83.9	94.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	51.2	73.7	83.9	94.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	51.2	73.7	83.9	94.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	51.2	73.7	83.9	94.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	51.2	73.7	83.9	94.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	51.2	73.7	83.9	94.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	51.2	73.7	83.9	94.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	51.2	73.7	83.9	94.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	51.2	73.7	83.9	94.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	51.2	73.7	83.9	94.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	51.2	73.7	83.9	94.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	51.2	73.7	83.9	94.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-87 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT97	≥6 EQ9C	≥5 GE8C	≥4 GE6C	≥3 GE48	≥2 GE4C	≥1 7/8 GE3?	≥1 GE2A	≥1 1/2 GE2C	≥1 GE16	≥ 3/4 GE1C	≥ 1/2 GE1C	≥ 3/8 GE0B	≥ 3/16 GE05	≥ 1/4 GE04	≥0 GEC
NO CEILING	27.8	40.0	45.4	51.3	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000	36.2	51.6	57.9	64.8	68.0	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	36.2	51.6	57.9	64.8	68.0	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	36.2	51.6	57.9	64.8	68.0	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	36.7	53.1	59.4	66.3	69.5	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	39.5	56.8	63.5	70.7	74.0	74.1	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000	42.1	61.2	68.2	76.2	79.6	79.7	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	43.5	63.5	70.8	79.1	82.7	82.8	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	44.5	64.7	72.2	80.4	84.3	84.4	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	45.9	66.6	73.9	82.8	86.9	87.0	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000	47.4	68.5	75.9	84.8	88.9	89.0	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000	48.5	70.5	78.0	87.3	91.4	91.5	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	49.6	71.9	79.4	89.2	93.6	93.9	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	50.1	72.8	80.4	90.9	95.7	95.9	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	50.3	73.4	80.9	91.7	96.6	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	50.6	74.2	81.8	92.9	97.7	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	50.6	74.4	81.9	93.3	98.2	98.4	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	50.8	74.7	82.2	93.6	98.5	98.7	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	50.8	74.7	82.2	93.8	98.6	98.8	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	50.8	74.7	82.2	93.8	98.7	98.9	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	50.8	74.7	82.2	93.8	98.7	98.9	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	50.8	74.7	82.2	93.8	98.7	98.9	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	50.8	74.7	82.2	93.8	98.7	98.9	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	50.8	74.7	82.2	93.8	98.7	98.9	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	50.8	74.7	82.2	93.9	98.8	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	50.8	74.7	82.2	93.9	98.8	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	50.8	74.7	82.2	93.9	98.8	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	50.8	74.7	82.2	93.9	98.8	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.8	74.7	82.2	93.9	98.8	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.8	74.7	82.2	93.9	98.8	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.8	74.7	82.2	93.9	98.8	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	50.8	74.7	82.2	93.9	98.8	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300 HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE0	≥⅛ GE0	≥0 GE0
NO CEILING	24.7	38.8	46.1	53.5	57.0	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	28.4	46.8	55.2	63.5	67.0	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 18000	28.4	46.8	55.4	63.8	67.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	28.4	46.8	55.4	63.8	67.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	29.7	48.7	57.6	66.2	69.7	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	31.9	51.6	60.5	69.1	72.7	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	33.8	53.7	62.8	72.0	75.5	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000	35.5	56.2	65.5	75.2	79.1	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	36.4	57.9	67.2	77.3	81.3	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	37.2	60.2	69.7	80.4	84.4	84.6	85.1	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	37.9	61.4	70.9	81.6	85.5	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	39.5	64.2	74.0	85.5	89.8	90.0	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	40.5	66.3	76.4	88.7	93.0	93.3	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	41.4	68.0	78.0	90.4	94.8	95.1	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	42.1	69.0	79.1	91.6	96.1	96.4	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	42.3	70.0	80.0	92.7	97.2	97.5	98.1	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	42.4	70.6	80.6	93.3	97.8	98.2	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	42.6	70.8	80.8	93.5	98.1	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	42.6	70.8	80.8	93.5	98.1	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	42.7	71.0	81.0	93.7	98.4	98.7	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	42.7	71.0	81.0	93.7	98.5	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	42.7	71.0	81.0	93.7	98.5	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	42.7	71.1	81.1	93.9	98.6	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	42.7	71.1	81.1	93.9	98.6	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	42.7	71.1	81.1	93.9	98.6	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	42.7	71.1	81.1	93.9	98.6	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	42.7	71.1	81.1	93.9	98.6	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	42.7	71.1	81.1	93.9	98.6	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	42.7	71.1	81.1	93.9	98.7	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	42.7	71.1	81.1	93.9	98.8	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	42.7	71.1	81.1	93.9	98.8	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	42.7	71.1	81.1	93.9	98.8	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GT9.0	≥9 GE9.0	≥8 GE8.0	≥7 GE6.0	≥6 GE4.8	≥5 GE4.0	≥4 GE3.2	≥3 GE2.4	≥2½ GE2.0	≥2 GE1.6	≥1½ GE1.2	≥1¼ GE1.0	≥1 GE0.8	≥⅞ GE0.7	≥¾ GE0.6	≥½ GE0.4	≥0 GE0.2
NO CEILING	23.4	33.1	38.9	45.6	50.5	51.2	53.0	53.4	53.4	53.9	54.0	54.0	54.4	54.4	54.8	54.9	
≥ 20000	24.4	39.4	46.1	53.5	58.7	59.5	61.3	61.8	61.8	62.3	62.5	62.5	62.8	62.8	63.2	63.3	
≥ 18000	24.4	39.5	46.1	53.6	58.8	59.6	61.5	61.9	62.0	62.5	62.6	62.6	63.0	63.0	63.4	63.5	
≥ 6500	24.5	39.6	46.3	53.7	59.0	59.7	61.6	62.1	62.1	62.6	62.8	62.8	63.1	63.1	63.5	63.6	
≥ 4000	25.1	40.6	47.5	55.1	60.3	61.1	63.0	63.5	63.5	64.1	64.2	64.2	64.5	64.5	65.0	65.1	
≥ 2500	26.4	42.8	50.0	57.8	63.1	63.9	65.9	66.4	66.4	66.9	67.1	67.1	67.5	67.5	67.9	68.0	
≥ 10000	28.0	45.0	52.4	60.7	66.3	67.1	69.2	69.7	69.7	70.3	70.5	70.5	70.9	70.9	71.3	71.4	
≥ 9000	26.9	46.4	53.9	62.6	68.5	69.3	71.5	72.0	72.1	72.7	72.9	72.9	73.2	73.2	73.7	73.8	
≥ 8000	29.7	47.7	55.4	64.3	70.2	71.1	73.2	73.8	73.9	74.5	74.6	74.6	75.0	75.0	75.5	75.6	
≥ 7000	30.7	49.5	57.3	66.5	72.6	73.4	75.7	76.2	76.3	76.9	77.1	77.1	77.5	77.5	77.9	78.1	
≥ 6000	31.4	50.5	58.5	67.9	74.0	74.9	77.2	77.8	77.8	78.5	78.6	78.6	79.0	79.0	79.5	79.6	
≥ 5000	32.9	53.0	61.3	71.3	77.6	78.5	80.9	81.5	81.6	82.2	82.4	82.4	82.7	82.7	83.2	83.3	
≥ 4500	33.8	54.6	63.2	73.6	80.2	81.2	83.6	84.3	84.4	85.0	85.2	85.2	85.5	85.5	86.0	86.1	
≥ 4000	34.6	56.0	64.7	75.6	82.4	83.5	86.0	86.6	86.7	87.4	87.5	87.5	87.9	87.9	88.4	88.5	
≥ 3500	35.3	57.2	66.1	77.3	84.2	85.3	87.8	88.5	88.6	89.3	89.4	89.4	89.8	89.8	90.2	90.4	
≥ 3000	36.0	58.6	67.7	79.1	86.2	87.3	89.9	90.6	90.7	91.4	91.5	91.5	91.9	91.9	92.4	92.5	
≥ 2500	36.4	59.5	68.9	80.5	87.7	88.9	91.6	92.2	92.3	93.1	93.2	93.2	93.6	93.6	94.1	94.2	
≥ 2000	36.7	60.0	69.6	81.5	88.7	89.9	92.7	93.4	93.5	94.3	94.4	94.4	94.8	94.8	95.3	95.4	
≥ 1800	36.7	60.2	69.8	81.8	89.0	90.2	92.9	93.7	93.8	94.5	94.7	94.7	95.1	95.1	95.6	95.7	
≥ 1500	36.8	60.5	70.2	82.2	89.5	90.7	93.5	94.3	94.4	95.1	95.3	95.3	95.7	95.7	96.2	96.3	
≥ 1200	36.9	60.7	70.5	82.7	90.1	91.4	94.1	94.9	95.0	95.8	96.0	96.0	96.4	96.4	96.9	97.0	
≥ 1000	36.9	60.7	70.6	82.9	90.3	91.6	94.3	95.1	95.2	96.0	96.2	96.2	96.6	96.6	97.1	97.2	
≥ 900	36.9	60.8	70.6	82.9	90.4	91.7	94.5	95.3	95.4	96.2	96.4	96.4	96.8	96.8	97.3	97.4	
≥ 800	36.9	60.9	70.8	83.1	90.6	91.9	94.7	95.5	95.6	96.4	96.6	96.6	97.0	97.0	97.4	97.6	
≥ 700	37.0	61.0	70.9	83.2	90.7	92.0	94.9	95.7	95.8	96.6	96.8	96.8	97.2	97.2	97.6	97.8	
≥ 600	37.0	61.0	70.9	83.4	90.9	92.2	95.1	95.9	96.1	96.8	97.0	97.0	97.5	97.5	97.9	98.0	
≥ 500	37.0	61.1	71.0	83.5	91.0	92.4	95.3	96.2	96.3	97.1	97.3	97.3	97.7	97.7	98.2	98.3	
≥ 400	37.0	61.1	71.1	83.6	91.1	92.5	95.5	96.4	96.6	97.4	97.6	97.6	98.0	98.0	98.5	98.6	
≥ 300	37.0	61.1	71.1	83.6	91.3	92.6	95.7	96.7	96.8	97.6	97.8	97.8	98.3	98.3	98.8	98.9	
≥ 200	37.0	61.1	71.1	83.6	91.3	92.7	95.8	96.8	96.9	97.8	98.1	98.1	98.7	98.7	99.2	99.4	
≥ 100	37.0	61.1	71.1	83.6	91.3	92.7	95.8	96.8	96.9	97.9	98.2	98.2	99.0	99.0	99.6	99.9	
≥ 0	37.0	61.1	71.1	83.6	91.3	92.7	95.8	96.8	96.9	97.9	98.2	98.2	99.0	99.0	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 7431

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

723267 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-2200 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	24.7	38.4	44.4	49.6	50.6	50.6	51.6	52.0	52.0	52.3	52.3	52.3	52.8	52.8	52.9	53.0
≥ 20000	26.2	40.8	47.6	52.7	53.7	53.7	54.7	55.1	55.1	55.4	55.4	55.4	55.9	55.9	56.0	56.1
≥ 18000	26.6	41.1	47.9	53.0	54.0	54.0	55.0	55.4	55.4	55.8	55.8	55.8	56.2	56.2	56.3	56.4
≥ 16000	26.6	41.1	47.9	53.0	54.0	54.0	55.0	55.4	55.4	55.8	55.8	55.8	56.2	56.2	56.3	56.4
≥ 14000	27.2	42.1	48.9	54.0	55.0	55.0	56.0	56.4	56.4	56.8	56.8	56.8	57.2	57.2	57.3	57.4
≥ 12000	29.0	45.0	51.8	57.2	58.2	58.2	59.2	59.7	59.7	60.0	60.1	60.1	60.6	60.6	60.7	60.8
≥ 10000	30.3	47.0	54.1	59.7	60.7	60.7	61.7	62.1	62.1	62.6	62.7	62.7	63.1	63.1	63.2	63.3
≥ 9000	31.3	49.2	56.5	62.3	63.3	63.3	64.3	64.6	64.8	65.2	65.3	65.3	65.8	65.8	65.9	66.0
≥ 8000	32.2	50.8	58.1	64.4	65.4	65.4	66.4	67.0	67.0	67.4	67.6	67.6	68.1	68.1	68.2	68.3
≥ 7000	33.2	53.0	60.6	66.9	68.3	68.3	69.4	70.0	70.0	70.7	70.8	70.8	71.3	71.3	71.4	71.6
≥ 6000	33.9	54.8	62.6	68.9	70.4	70.4	71.6	72.4	72.4	73.1	73.2	73.2	73.8	73.8	73.9	74.0
≥ 5000	36.8	59.6	67.7	74.4	76.1	76.1	77.2	78.3	78.3	79.0	79.1	79.1	79.7	79.7	79.8	79.9
≥ 4500	39.4	63.3	71.7	79.0	80.8	80.8	81.9	83.0	83.0	83.7	83.8	83.8	84.3	84.3	84.4	84.6
≥ 4000	39.8	64.2	72.6	80.1	81.9	81.9	83.0	84.1	84.1	84.8	84.9	84.9	85.4	85.4	85.6	85.7
≥ 3500	41.3	67.1	75.4	83.3	85.1	85.1	86.3	87.6	87.6	88.2	88.3	88.3	88.9	88.9	89.0	89.1
≥ 3000	42.2	68.9	77.3	85.6	87.3	87.3	88.6	89.8	89.8	90.4	90.6	90.6	91.1	91.1	91.2	91.3
≥ 2500	42.8	69.6	78.1	86.4	88.3	88.3	89.6	90.8	90.8	91.4	91.6	91.6	92.2	92.2	92.4	92.6
≥ 2000	44.2	71.2	79.8	88.2	90.2	90.2	91.4	92.7	92.7	93.4	93.6	93.6	94.2	94.2	94.4	94.6
≥ 1800	44.3	71.6	80.1	88.6	90.6	90.6	91.8	93.0	93.0	93.8	93.9	93.9	94.6	94.6	94.8	94.9
≥ 1500	44.6	72.3	80.9	89.3	91.3	91.3	92.6	93.8	93.8	94.6	94.7	94.7	95.3	95.3	95.7	95.8
≥ 1200	44.7	72.8	81.4	89.9	92.0	92.0	93.2	94.4	94.4	95.2	95.3	95.3	96.0	96.0	96.3	96.4
≥ 1000	44.8	72.9	81.6	90.1	92.2	92.2	93.4	94.9	94.9	95.7	95.8	95.8	96.4	96.4	96.8	96.9
≥ 900	44.8	72.9	81.6	90.1	92.3	92.3	93.6	95.0	95.0	95.8	95.9	95.9	96.6	96.6	96.9	97.0
≥ 800	44.8	72.9	81.6	90.1	92.3	92.4	93.7	95.1	95.1	95.9	96.0	96.0	96.7	96.7	97.0	97.1
≥ 700	44.8	72.9	81.6	90.1	92.3	92.6	93.8	95.3	95.3	96.1	96.2	96.2	96.9	96.9	97.2	97.3
≥ 600	44.8	72.9	81.6	90.1	92.3	92.6	93.8	95.4	95.4	96.2	96.3	96.3	97.0	97.0	97.3	97.4
≥ 500	44.9	73.0	81.9	90.4	92.7	93.0	94.2	96.1	96.1	96.9	97.0	97.0	97.7	97.7	98.0	98.1
≥ 400	44.9	73.0	81.9	90.4	92.7	93.1	94.3	96.2	96.2	97.0	97.1	97.1	97.9	97.9	98.2	98.3
≥ 300	44.9	73.0	81.9	90.4	92.7	93.3	94.6	96.4	96.4	97.4	97.6	97.6	98.3	98.3	98.7	98.9
≥ 200	44.9	73.0	81.9	90.4	92.7	93.3	94.6	96.4	96.4	97.8	97.9	97.9	98.7	98.7	99.0	99.3
≥ 100	44.9	73.0	81.9	90.4	92.7	93.3	94.6	96.4	96.4	97.9	98.0	98.0	98.8	98.8	99.3	99.7
≥ 0	44.9	73.0	81.9	90.4	92.7	93.3	94.6	96.4	96.4	97.9	98.0	98.0	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

72326? MCGHEE TYSON AIRPORT TN 73-82 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0?00-2500
HOUR

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9?	≥6 EQ9?	≥5 GE8?	≥4 GE6?	≥3 GE4?	≥2 GE4?	≥2 GE3?	≥1 GE2?	≥1 GE2?	≥1 GE1?	≥ GE1?	≥ GE1?	≥ GE?	≥5/16 GE?5	≥ GE?4	≥0 GE?
NO CEILING	19.0	31.7	36.4	42.7	44.6	44.6	46.2	47.2	47.2	49.7	49.8	49.8	51.?	51.?	51.4	51.8
≥ 20000	20.0	34.4	40.2	46.6	48.6	48.6	50.3	51.4	51.4	53.9	54.?	54.0	55.2	55.2	55.7	56.?
≥ 18000	20.1	34.6	40.3	46.7	48.7	48.7	50.4	51.6	51.6	54.0	54.1	54.1	55.3	55.3	55.8	56.1
≥ 16000	20.3	34.8	40.6	46.9	48.9	48.9	50.7	51.8	51.8	54.2	54.3	54.3	55.6	55.6	56.?	56.3
≥ 14000	20.6	35.0	40.8	47.1	49.1	49.1	50.9	52.0	52.0	54.4	54.6	54.6	55.8	55.8	56.2	56.6
≥ 12000	22.3	37.2	43.?	49.3	51.3	51.3	53.2	54.3	54.3	56.8	56.9	56.9	58.1	58.1	58.6	58.9
≥ 10000	23.4	39.9	45.9	52.9	54.9	54.9	56.8	57.9	57.9	60.3	60.4	60.4	61.7	61.7	62.1	62.4
≥ 9000	23.9	41.0	47.6	54.8	56.8	56.8	58.7	59.8	59.8	62.2	62.3	62.3	63.6	63.6	64.?	64.3
≥ 8000	25.0	43.0	49.6	56.8	58.8	58.8	60.7	62.0	62.0	64.4	64.6	64.6	65.8	65.8	66.2	66.6
≥ 7000	25.8	44.4	51.2	58.6	60.8	60.8	62.7	64.0	64.0	66.6	66.7	66.7	68.0	68.0	68.4	68.8
≥ 6000	26.1	46.1	53.1	60.8	63.2	63.2	65.1	66.4	66.4	69.0	69.1	69.1	70.4	70.4	70.9	71.2
≥ 5000	27.6	48.7	55.8	64.2	66.8	66.8	68.7	70.6	70.6	73.1	73.2	73.2	74.6	74.6	75.?	75.3
≥ 4500	29.9	52.6	60.0	68.9	71.4	71.4	73.3	75.4	75.4	78.0	78.1	78.1	79.4	79.4	79.9	80.2
≥ 4000	30.6	53.9	61.6	70.8	73.3	73.3	75.4	77.6	77.6	80.1	80.2	80.2	81.6	81.6	82.?	82.3
≥ 3500	31.7	55.6	63.3	73.1	75.7	75.7	78.?	80.1	80.1	82.8	82.9	82.9	84.2	84.2	84.7	85.0
≥ 3000	32.4	57.8	65.8	75.6	78.4	78.4	80.8	83.0	83.0	85.7	85.8	85.8	87.1	87.1	87.6	87.9
≥ 2500	32.9	58.3	66.4	76.3	79.7	79.7	82.?	84.2	84.2	86.9	87.0	87.0	88.3	88.3	88.8	89.1
≥ 2000	33.3	59.3	67.4	77.4	80.9	80.9	83.2	85.4	85.4	88.1	88.2	88.2	89.6	89.6	90.0	90.3
≥ 1800	33.4	59.4	67.6	77.6	81.0	81.0	83.3	85.6	85.6	88.4	88.6	88.6	90.0	90.0	90.4	90.8
≥ 1500	34.0	60.3	68.6	78.7	82.2	82.2	84.6	86.8	86.8	89.7	89.8	89.8	91.2	91.2	91.7	92.0
≥ 1200	34.2	60.8	69.1	79.2	82.8	82.8	85.2	87.6	87.6	90.6	90.7	90.7	92.1	92.1	92.6	92.9
≥ 1000	34.3	60.9	69.2	79.3	83.0	83.0	85.6	87.9	87.9	91.1	91.2	91.2	92.7	92.7	93.1	93.4
≥ 900	34.6	61.1	69.4	79.8	83.4	83.4	86.1	88.4	88.4	91.7	91.8	91.8	93.2	93.2	93.7	94.?
≥ 800	34.6	61.1	69.6	79.9	83.6	83.6	86.3	88.9	88.9	92.2	92.3	92.3	93.8	93.8	94.2	94.6
≥ 700	34.6	61.3	69.8	80.1	83.8	83.8	86.6	89.1	89.1	92.4	92.6	92.6	94.0	94.0	94.4	94.8
≥ 600	34.6	61.6	70.0	80.7	84.3	84.6	87.3	89.9	89.9	93.2	93.3	93.3	94.8	94.8	95.2	95.6
≥ 500	34.6	61.7	70.1	80.9	84.7	84.9	87.8	90.3	90.3	93.7	93.8	93.8	95.2	95.2	95.7	96.0
≥ 400	34.6	61.7	70.1	80.9	84.7	85.0	88.1	90.8	90.8	94.4	94.6	94.7	96.1	96.1	96.6	96.9
≥ 300	34.6	61.7	70.1	80.9	84.8	85.1	88.6	91.4	91.4	95.1	95.2	95.3	96.8	96.8	97.2	97.6
≥ 200	34.6	61.7	70.1	80.9	84.8	85.1	88.6	91.4	91.4	95.6	95.7	95.8	97.2	97.2	97.7	98.1
≥ 100	34.6	61.7	70.1	80.9	84.8	85.1	88.6	91.6	91.6	95.8	95.9	96.0	98.0	98.0	98.7	99.3
≥ 0	34.6	61.7	70.1	80.9	84.8	85.1	88.6	91.6	91.6	95.8	95.9	96.0	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-87 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 1/2 GE4	≥2 GE3	≥1 1/2 GE2	≥1 1/4 GE2	≥1 GE1	≥ 3/4 GE1	≥5/8 GE1	≥ 1/2 GE0	≥5/16 GE0	≥ 1/4 GE0	≥0 GE0
NO CEILING	10.5	18.7	20.9	26.1	28.8	30.9	35.2	36.2	36.2	38.4	39.0	39.0	41.8	41.8	43.0	43.6
≥ 20000	11.6	20.5	22.8	28.7	31.6	34.3	39.0	40.3	40.3	42.8	43.5	43.5	46.5	46.5	47.8	48.5
≥ 18000	11.6	20.5	22.8	28.7	31.6	34.3	39.0	40.3	40.3	42.8	43.5	43.5	46.5	46.5	47.8	48.5
≥ 16000	11.8	20.7	23.0	28.9	31.8	34.5	39.3	40.5	40.5	43.0	43.7	43.7	46.7	46.7	48.1	48.7
≥ 14000	12.2	21.1	23.5	29.4	32.3	34.9	39.8	41.0	41.0	43.7	44.4	44.4	47.4	47.4	48.7	49.4
≥ 12000	13.7	23.4	25.9	32.0	35.3	38.2	43.3	44.5	44.5	47.3	47.9	47.9	50.9	50.9	52.4	53.1
≥ 10000	14.3	24.7	27.7	34.7	37.9	40.8	46.2	47.4	47.4	50.2	50.8	50.8	53.8	53.8	55.3	56.0
≥ 9000	15.4	26.3	29.4	36.6	39.8	42.7	48.3	49.5	49.5	52.3	52.9	52.9	56.1	56.1	57.5	58.2
≥ 8000	16.2	27.8	31.1	38.6	41.9	44.8	50.4	51.7	51.7	54.5	55.3	55.3	58.4	58.4	59.8	60.6
≥ 7000	16.7	29.1	32.5	40.3	43.7	46.9	52.5	54.1	54.1	56.8	57.6	57.6	60.7	60.7	62.2	63.0
≥ 6000	17.5	30.8	34.3	42.4	46.3	49.5	55.4	57.0	57.0	59.7	60.5	60.5	63.6	63.6	65.2	66.0
≥ 5000	18.4	33.0	36.6	44.9	49.1	52.4	58.6	60.4	60.4	63.2	64.0	64.0	67.2	67.2	68.7	69.5
≥ 4500	19.6	34.8	38.8	47.5	51.9	55.3	61.5	63.5	63.5	66.5	67.3	67.3	70.6	70.6	72.2	73.0
≥ 4000	20.1	35.6	39.9	49.1	53.6	57.0	63.6	65.9	66.0	69.0	69.9	69.9	73.2	73.2	74.7	75.5
≥ 3500	21.1	36.8	41.5	50.9	55.7	59.1	66.2	68.6	68.7	71.7	72.6	72.6	76.0	76.0	77.5	78.3
≥ 3000	22.0	38.5	43.2	53.1	58.1	61.4	69.3	72.0	72.1	75.1	76.0	76.0	79.3	79.3	81.1	81.9
≥ 2500	22.6	39.9	44.6	54.8	59.8	63.3	71.4	74.1	74.2	77.4	78.3	78.3	81.8	81.8	83.5	84.3
≥ 2000	23.2	41.2	45.8	56.1	61.3	64.7	73.0	75.8	75.9	79.1	80.0	80.0	83.4	83.4	85.2	86.0
≥ 1800	23.8	41.8	46.5	56.7	62.0	65.4	73.9	76.6	76.8	80.0	80.9	80.9	84.3	84.3	86.1	86.9
≥ 1500	24.0	42.4	47.1	57.3	62.5	66.0	74.4	77.2	77.3	80.6	81.5	81.5	85.0	85.0	86.8	87.5
≥ 1200	24.4	43.0	47.7	58.1	63.3	66.7	75.5	78.5	78.6	82.0	82.9	82.9	86.3	86.3	88.1	88.9
≥ 1000	24.6	43.7	48.4	58.8	64.2	67.6	76.6	79.6	79.8	83.4	84.3	84.3	87.8	87.8	89.5	90.3
≥ 900	24.6	43.9	48.6	59.1	64.4	67.9	77.0	80.0	80.1	83.8	84.6	84.6	88.1	88.1	89.9	90.7
≥ 800	24.6	44.0	48.7	59.3	64.7	68.2	77.5	80.5	80.6	84.4	85.3	85.3	88.8	88.8	90.5	91.3
≥ 700	24.6	44.2	48.9	59.6	65.2	68.7	78.3	81.3	81.4	85.2	86.1	86.1	89.5	89.5	91.3	92.1
≥ 600	24.6	44.2	48.9	59.7	65.4	69.1	79.2	82.3	82.4	86.2	87.1	87.1	90.5	90.5	92.3	93.1
≥ 500	24.6	44.5	49.3	60.1	65.7	69.7	80.2	83.4	83.5	87.4	88.4	88.4	92.0	92.0	93.8	94.5
≥ 400	24.6	44.6	49.4	60.3	66.1	70.1	80.6	84.2	84.3	88.2	89.2	89.2	92.9	92.9	94.7	95.4
≥ 300	24.6	44.6	49.4	60.3	66.1	70.2	81.1	84.9	85.0	89.1	90.2	90.2	94.0	94.0	95.8	96.6
≥ 200	24.6	44.6	49.4	60.3	66.1	70.2	81.2	85.1	85.2	89.5	91.0	91.0	95.1	95.1	97.3	98.4
≥ 100	24.6	44.6	49.4	60.3	66.1	70.2	81.2	85.1	85.2	89.7	91.1	91.1	95.7	95.7	98.3	99.7
≥ 0	24.6	44.6	49.4	60.3	66.1	70.2	81.2	85.1	85.2	89.7	91.1	91.1	95.7	95.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

72326? STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100 HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9?	≥9 GE9.0	≥8 GE8.?	≥7 GE6.?	≥6 GE4.8	≥5 GE4.0	≥4 GE3.2	≥3 GE2.4	≥2 GE2.?	≥1 GE1.6	≥1 GE1.2	≥1 GE1.0	≥ GE0.8	≥ GE0.5	≥ GE0.4	≥ GE0.?
NO CEILING	13.4	23.4	28.4	32.8	37.6	39.6	41.2	41.7	41.7	42.?	42.1	42.1	42.2	42.?	42.3	42.3
≥ 20000	14.2	24.7	30.3	35.4	40.6	42.9	44.7	45.1	45.1	45.4	45.6	45.6	45.7	45.7	45.8	45.8
≥ 18000	14.2	24.8	30.4	35.6	40.7	43.0	44.8	45.2	45.2	45.6	45.7	45.7	45.8	45.8	45.9	45.9
≥ 16000	14.2	24.8	30.4	35.6	40.7	43.0	44.8	45.2	45.2	45.6	45.7	45.7	45.8	45.8	45.9	45.9
≥ 14000	15.2	25.8	31.6	36.8	41.9	44.2	46.?	46.4	46.4	46.8	46.9	46.9	47.0	47.0	47.1	47.1
≥ 12000	17.2	29.2	35.4	41.0	46.4	48.8	50.7	51.1	51.1	51.4	51.6	51.6	51.7	51.7	51.8	51.8
≥ 10000	18.3	31.1	37.8	43.4	49.2	51.6	53.6	54.0	54.?	54.3	54.4	54.4	54.6	54.6	54.7	54.7
≥ 9000	18.4	31.6	38.3	44.1	49.9	52.2	54.3	54.8	54.8	55.1	55.2	55.2	55.3	55.3	55.4	55.4
≥ 8000	19.4	33.3	40.3	46.3	52.4	54.9	57.1	57.6	57.6	57.9	58.0	58.0	58.1	58.1	58.2	58.2
≥ 7000	20.7	35.7	43.?	49.4	56.?	58.8	61.?	61.6	61.6	61.9	62.0	62.0	62.1	62.1	62.2	62.2
≥ 6000	21.3	36.9	44.3	50.8	57.6	60.3	62.7	63.2	63.2	63.6	63.7	63.7	63.8	63.8	63.9	63.9
≥ 5000	22.6	38.9	46.3	52.8	59.9	62.7	65.1	65.8	65.8	66.1	66.2	66.2	66.3	66.3	66.4	66.4
≥ 4500	23.1	40.3	47.8	54.6	62.1	65.0	67.4	68.2	68.3	68.7	68.8	68.8	68.9	68.9	69.?	69.0
≥ 4000	23.4	40.8	48.2	55.1	62.8	65.7	68.1	68.9	69.0	69.3	69.4	69.4	69.6	69.6	69.7	69.7
≥ 3500	23.8	41.7	49.6	56.9	64.9	67.8	70.2	71.1	71.4	71.8	71.9	71.9	72.0	72.0	72.1	72.1
≥ 3000	25.3	43.8	52.4	60.4	69.0	72.0	74.7	75.7	76.?	76.7	76.8	76.8	76.9	76.9	77.0	77.0
≥ 2500	25.8	44.9	53.7	61.7	70.6	73.6	76.4	77.6	77.9	78.6	78.7	78.7	78.8	78.8	78.9	78.9
≥ 2000	28.2	47.9	56.8	65.0	74.1	77.3	80.4	81.9	82.2	82.9	83.?	83.0	83.1	83.1	83.2	83.2
≥ 1800	28.8	48.9	58.?	66.6	76.0	79.2	82.4	83.9	84.2	84.9	85.1	85.1	85.2	85.2	85.3	85.3
≥ 1500	29.4	50.2	59.7	68.3	77.9	81.2	84.6	86.0	86.3	87.1	87.3	87.3	87.4	87.4	87.6	87.6
≥ 1200	30.3	51.9	61.3	70.0	80.0	83.3	87.1	88.7	89.?	89.8	90.0	90.0	90.3	90.3	90.4	90.4
≥ 1000	30.3	52.0	61.6	70.6	80.7	84.0	87.9	89.6	90.0	90.9	91.1	91.1	91.4	91.4	91.6	91.6
≥ 900	30.7	52.6	62.1	71.4	81.9	85.2	89.3	91.0	91.4	92.3	92.6	92.6	92.9	92.9	93.?	93.0
≥ 800	30.8	52.7	62.4	72.0	82.6	85.9	90.3	92.1	92.6	93.4	93.7	93.7	94.0	94.0	94.1	94.1
≥ 700	30.8	52.8	62.7	72.4	83.4	86.8	91.2	93.3	93.8	94.7	94.9	94.9	95.2	95.2	95.3	95.3
≥ 600	30.9	53.0	62.9	73.0	84.4	88.0	92.6	94.7	95.1	96.1	96.3	96.3	96.7	96.7	96.8	96.8
≥ 500	30.9	53.0	62.9	73.1	84.6	88.2	93.1	95.3	95.8	96.9	97.1	97.1	97.6	97.6	97.7	97.7
≥ 400	30.9	53.0	62.9	73.1	84.9	88.6	93.8	96.2	96.8	98.1	98.4	98.4	98.9	98.9	99.?	99.0
≥ 300	30.9	53.0	62.9	73.1	85.0	88.7	94.1	96.7	97.2	98.6	99.0	99.0	99.4	99.4	99.8	99.8
≥ 200	30.9	53.0	62.9	73.1	85.0	88.7	94.1	96.8	97.3	98.7	99.1	99.1	99.6	99.6	99.9	99.9
≥ 100	30.9	53.0	62.9	73.1	85.0	88.7	94.1	96.8	97.3	98.7	99.1	99.1	99.6	99.6	99.9	100.0
≥ 0	30.9	53.0	62.9	73.1	85.0	88.7	94.1	96.8	97.3	98.7	99.1	99.1	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

723266 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 0-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.3	≥6 EQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	¾ GE1.2	½ GE1.0	⅜ GE0.8	5/16 GE0.5	¼ GE0.4	20 GE0.
NO CEILING	24.6	38.0	42.2	44.1	46.2	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	28.3	43.4	48.2	50.3	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	28.3	43.4	48.2	50.3	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 16000	28.3	43.4	48.2	50.3	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	29.2	44.8	49.6	51.7	53.9	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 12000	32.0	48.8	53.7	55.8	58.0	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 10000	33.8	50.9	56.4	58.7	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	34.3	51.6	57.2	59.4	61.7	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	36.0	53.9	59.7	62.1	64.4	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	37.2	55.7	61.7	64.1	66.4	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	37.3	56.0	62.2	64.7	67.0	67.3	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	39.3	58.7	65.0	67.7	70.1	70.4	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4500	40.3	59.8	66.3	69.1	71.6	71.9	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	41.2	61.1	68.0	71.0	73.4	73.8	74.4	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	42.3	62.8	70.1	73.1	75.6	76.3	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	44.2	66.2	74.0	77.1	79.6	80.3	81.2	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500	46.9	69.9	77.9	81.0	83.8	85.0	86.2	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	50.1	73.8	82.0	85.4	88.4	89.8	91.0	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	50.7	74.9	83.3	87.0	90.0	91.4	92.8	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	51.0	75.3	83.9	87.7	90.8	92.2	93.6	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	51.6	76.2	85.0	88.8	92.3	93.8	95.1	95.3	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	51.8	76.6	85.3	89.2	92.9	94.3	95.7	95.9	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	51.9	76.8	85.6	89.4	93.2	94.7	96.0	96.2	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	52.3	77.1	86.0	90.1	94.0	95.4	96.8	97.0	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	52.0	77.3	86.3	90.6	94.6	96.0	97.3	97.6	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	52.0	77.4	86.6	90.8	94.9	96.3	97.8	98.0	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	52.0	77.6	86.7	90.9	95.0	96.4	97.9	98.2	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	52.0	77.6	86.7	90.9	95.1	96.6	98.1	98.7	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	52.0	77.6	86.7	90.9	95.2	96.7	98.2	98.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	52.0	77.6	86.7	90.9	95.2	96.7	98.2	98.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	52.0	77.6	86.7	90.9	95.2	96.7	98.2	98.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	52.0	77.6	86.7	90.9	95.2	96.7	98.2	98.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 2-1700

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GT9C	≥9 GE9C	≥5 GE8C	≥4 GE6C	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥¼ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	31.5	40.9	44.8	46.3	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	39.9	51.2	56.1	57.8	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 18000	40.0	51.3	56.2	58.0	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000	40.0	51.3	56.2	58.0	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	41.3	52.4	57.3	59.4	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	43.6	55.6	60.6	62.8	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	45.1	57.6	62.6	64.8	65.5	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	45.9	58.6	63.7	66.2	66.9	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000	47.1	60.2	65.5	68.1	68.7	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	49.2	63.3	68.6	71.2	72.1	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 6000	50.1	64.2	69.9	72.4	73.3	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	52.2	67.2	73.1	75.9	76.8	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	54.2	70.0	75.9	78.6	79.8	81.1	81.5	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	56.3	72.3	78.5	81.3	82.4	83.8	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	58.2	75.2	81.6	84.4	85.5	86.9	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	59.3	76.4	83.2	86.0	87.3	88.8	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	60.8	78.5	85.4	88.3	89.8	91.2	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	62.0	79.9	87.2	90.0	91.5	93.1	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	62.4	80.6	87.8	90.8	92.4	94.0	94.8	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	62.8	81.4	88.7	91.8	93.5	95.1	95.9	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	63.0	81.9	89.2	92.4	94.3	95.9	96.7	97.1	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	63.1	82.1	89.5	92.9	94.8	96.3	97.2	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	63.1	82.3	89.8	93.1	95.0	96.6	97.4	98.0	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	63.1	82.3	89.8	93.1	95.0	96.6	97.4	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	63.1	82.3	89.9	93.2	95.1	96.7	97.6	98.3	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	63.2	82.4	90.1	93.4	95.3	96.9	97.8	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	63.2	82.4	90.1	93.4	95.3	96.9	98.1	98.9	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	63.2	82.4	90.1	93.4	95.3	96.9	98.1	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.2	82.4	90.1	93.4	95.3	96.9	98.1	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.2	82.4	90.1	93.4	95.3	96.9	98.1	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.2	82.4	90.1	93.4	95.3	96.9	98.1	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.2	82.4	90.1	93.4	95.3	96.9	98.1	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-80 (YEARS) ALL (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18 0-2 00 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9Q	≥6 EQ9Q	≥5 GE8Q	≥4 GE6Q	≥3 GE4S	≥2 1/2 GE4	≥2 GE32	≥1 3/4 GE24	≥1 1/2 GE20	≥1 GE16	≥3/4 GE12	≥1/2 GE10	≥1/4 GE08	0 GE05	≥5/16 GE05	≥0 GE04	≥0 GE00
NO CEILING	38.2	47.6	50.5	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	45.4	57.1	60.4	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	45.4	57.1	60.4	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 6000	45.4	57.1	60.4	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	45.7	57.6	61.1	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 5000	48.5	60.6	64.1	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	50.2	62.8	66.4	69.3	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9000	51.1	64.0	67.9	70.7	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	52.2	65.9	69.9	73.1	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	53.6	67.6	71.6	74.9	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	54.6	69.3	73.3	76.6	77.6	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	56.1	71.6	75.6	79.5	80.5	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	58.1	74.4	78.5	82.5	83.6	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	59.1	76.2	80.4	84.5	85.7	86.3	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	60.3	77.9	82.2	86.3	87.5	88.2	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000	61.7	78.4	83.3	87.7	89.0	89.7	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	61.3	79.5	84.8	89.2	91.0	92.0	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	62.6	81.2	86.5	91.5	93.3	94.3	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	63.1	81.6	87.1	92.2	94.0	95.0	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	63.6	82.5	88.0	93.1	94.9	95.9	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	63.7	82.8	88.2	93.9	95.8	96.9	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	63.7	82.8	88.3	94.0	95.9	97.1	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	63.7	82.8	88.3	94.0	96.0	97.2	98.3	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	63.7	82.8	88.4	94.1	96.2	97.4	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	63.7	82.9	88.5	94.3	96.4	97.7	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	63.7	83.0	88.7	94.4	96.6	97.9	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	63.7	83.0	88.7	94.4	96.6	97.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	63.7	83.0	88.7	94.4	96.6	97.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.7	83.0	88.7	94.4	96.6	97.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.7	83.0	88.7	94.4	96.6	97.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.7	83.0	88.7	94.4	96.6	97.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	63.7	83.0	88.7	94.4	96.6	97.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

7270[illegible] MCGHEE TYSON AIRPORT TN 73-82
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)															
	≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE5	≥5 GE4	≥4 GE3	≥3 GE2½	≥2½ GE2	≥2 GE1½	≥1½ GE1	≥1 GE¾	≥¾ GE½	≥½ GE¼	≥¼	
NO CEILING	51.1	44.0	46.9	51.3	51.8	51.8	52.[illegible]	52.[illegible]	52.[illegible]	52.1	52.1	52.1	52.[illegible]	52.[illegible]	52.3	[illegible]
≥ 20000	36.8	50.9	54.1	58.8	59.2	59.2	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.8	59.8
≥ 18000	36.8	50.9	54.1	58.8	59.2	59.2	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.8	59.8
≥ 16000	36.8	50.9	54.1	58.8	59.2	59.2	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.8	59.8
≥ 14000	37.2	51.8	55.[illegible]	59.7	60.1	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.7	[illegible]
≥ 12000	39.8	55.1	58.4	63.2	63.7	63.7	63.9	64.[illegible]	64.[illegible]	64.1	64.2	64.2	64.2	64.2	64.4	64.4
≥ 10000	41.2	56.9	60.3	65.2	65.8	65.8	66.0	66.1	66.1	66.2	66.3	66.3	66.3	66.3	66.5	66.6
≥ 9000	42.3	59.1	62.8	67.8	68.6	68.6	68.8	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.3	69.3
≥ 8000	43.3	61.1	65.[illegible]	70.3	71.[illegible]	71.[illegible]	71.2	71.3	71.3	71.4	71.6	71.6	71.6	71.6	71.8	71.8
≥ 7000	44.3	63.2	67.4	73.2	73.9	73.9	74.1	74.2	74.2	74.[illegible]	74.4	74.4	74.4	74.4	74.7	74.7
≥ 6000	45.0	65.0	69.3	75.3	76.4	76.6	76.8	76.9	76.9	77.[illegible]	77.1	77.1	77.1	77.1	77.[illegible]	77.3
≥ 5000	46.8	67.6	72.3	78.7	80.0	80.2	80.4	80.[illegible]6	80.6	80.[illegible]7	80.[illegible]8	80.[illegible]8	80.[illegible]8	80.[illegible]8	81.[illegible]	[illegible]1.
≥ 4500	50.3	72.4	77.3	84.0	85.3	85.6	85.[illegible]	86.0	86.[illegible]	86.1	86.2	86.2	86.2	86.2	86.4	86.4
≥ 4000	51.6	74.8	79.9	87.0	88.[illegible]	88.6	89.[illegible]	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.7	89.7
≥ 3500	52.8	76.1	81.3	88.7	9[illegible].1	90.3	91.8	91.9	91.[illegible]	91.1	91.2	91.2	91.2	91.[illegible]	91.4	91.4
≥ 3000	53.0	77.1	82.3	9[illegible].0	91.6	91.8	92.7	92.7	92.7	92.9	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]
≥ 2500	53.8	78.0	83.3	91.2	92.9	93.1	93.8	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.7	94.7
≥ 2000	55.1	79.9	85.2	93.2	95.0	95.2	95.9	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.8	96.8
≥ 1800	55.1	80.1	85.4	93.4	95.2	95.4	96.1	96.4	96.4	96.7	96.8	96.8	96.8	96.8	97.[illegible]	97.[illegible]
≥ 1500	55.7	80.9	86.2	94.2	96.[illegible]	96.2	96.9	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.8	97.8
≥ 1200	55.7	81.2	86.7	94.7	96.4	96.7	97.3	97.7	97.7	97.9	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]
≥ 1000	55.7	81.2	86.7	94.7	96.4	96.7	97.3	97.8	97.8	98.[illegible]	98.1	98.1	98.1	98.1	98.[illegible]	98.[illegible]
≥ 900	55.7	81.2	86.7	94.7	96.4	96.7	97.3	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.4	98.4
≥ 800	55.7	81.2	86.7	94.7	96.4	96.7	97.3	98.1	98.1	98.4	98.6	98.6	98.6	98.6	98.8	98.8
≥ 700	55.7	81.2	86.7	94.7	96.6	96.8	97.4	98.2	98.2	98.6	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.9	98.9
≥ 600	55.7	81.2	86.7	94.8	96.7	96.9	97.6	98.3	98.3	98.7	98.8	98.8	98.8	98.8	99.[illegible]	99.[illegible]
≥ 500	55.7	81.2	86.7	94.8	96.8	97.0	97.8	98.6	98.6	98.9	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
≥ 400	55.7	81.2	86.7	95.0	97.0	97.2	98.0	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.6	99.7
≥ 300	55.7	81.2	86.7	95.0	97.0	97.4	98.2	99.0	99.0	99.6	99.7	99.7	99.7	99.7	99.9	[illegible]
≥ 200	55.7	81.2	86.7	95.0	97.0	97.4	98.2	99.0	99.[illegible]	99.6	99.7	99.7	99.7	99.7	99.9	100.0
≥ 100	55.7	81.2	86.7	95.0	97.0	97.4	98.2	99.0	99.[illegible]	99.6	99.7	99.7	99.7	99.7	99.9	100.0
≥ [illegible]	55.7	81.2	86.7	95.0	97.0	97.4	98.2	99.0	99.[illegible]	99.6	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.7	≥6 GE9.7	≥5 GE8.0	≥4 GE6.4	≥3 GE4.8	≥2 1/2 GE4.0	≥2 GE3.2	≥1 1/4 GE2.4	≥1 GE2.0	≥7/8 GE1.6	≥1/2 GE1.2	≥3/8 GE1.0	≥1/4 GE.8	≥5/16 GE.5	≥1/8 GE.4	≥0 GE.0
NO CEILING	24.1	35.3	39.3	43.2	44.9	45.4	46.6	46.9	46.9	47.6	47.7	47.7	48.3	48.3	48.6	48.7
≥ 20000	27.8	40.4	45.0	49.2	51.0	51.7	52.9	53.3	53.3	54.1	54.2	54.2	54.8	54.8	55.1	55.2
≥ 18000	27.9	40.4	45.0	49.3	51.1	51.8	53.1	53.4	53.4	54.1	54.3	54.3	54.9	54.9	55.1	55.3
≥ 16000	27.9	40.5	45.1	49.3	51.2	51.9	53.1	53.5	53.5	54.2	54.3	54.3	54.9	54.9	55.2	55.3
≥ 14000	28.6	41.3	45.9	50.2	52.1	52.8	54.0	54.4	54.4	55.1	55.3	55.3	55.9	55.9	56.1	56.3
≥ 12000	30.8	44.4	49.1	53.6	55.5	56.2	57.5	58.0	58.0	58.7	58.8	58.8	59.4	59.4	59.7	59.9
≥ 11000	32.1	46.4	51.4	56.1	58.1	58.9	60.2	60.6	60.6	61.4	61.5	61.5	62.1	62.1	62.4	62.6
≥ 10000	32.8	47.7	52.9	57.8	59.8	60.6	62.1	62.4	62.4	63.2	63.3	63.3	63.9	63.9	64.2	64.3
≥ 9000	33.9	49.5	54.9	60.0	62.1	62.9	64.3	64.8	64.8	65.6	65.7	65.7	66.4	66.4	66.7	66.8
≥ 8000	35.1	51.5	57.1	62.3	64.6	65.5	66.9	67.5	67.5	68.3	68.4	68.4	69.1	69.1	69.4	69.5
≥ 7000	35.7	52.9	58.6	64.0	66.5	67.4	68.9	69.5	69.5	70.3	70.5	70.5	71.1	71.1	71.4	71.6
≥ 6000	37.4	55.6	61.6	67.3	69.9	70.9	72.5	73.2	73.2	74.1	74.2	74.2	74.9	74.9	75.2	75.3
≥ 5000	39.4	58.5	64.5	70.5	73.3	74.4	76.1	76.9	76.9	77.8	77.9	77.9	78.6	78.6	78.9	79.1
≥ 4500	40.3	59.9	66.1	72.4	75.2	76.3	78.1	78.9	79.0	79.8	80.0	80.0	80.7	80.7	81.0	81.1
≥ 4000	41.4	61.6	68.1	74.6	77.5	78.7	80.6	81.5	81.6	82.4	82.6	82.6	83.3	83.3	83.6	83.7
≥ 3500	42.4	63.4	70.2	76.9	80.0	81.2	83.3	84.3	84.4	85.3	85.5	85.5	86.1	86.1	86.5	86.6
≥ 3000	43.4	64.8	71.8	78.6	82.0	83.3	85.5	86.5	86.6	87.6	87.7	87.7	88.4	88.4	88.8	88.9
≥ 2500	44.9	66.8	73.8	80.9	84.4	85.7	88.0	89.0	89.1	90.1	90.3	90.3	91.0	91.0	91.3	91.5
≥ 2000	45.2	67.4	74.5	81.6	85.1	86.5	88.9	89.9	90.0	91.0	91.2	91.2	91.9	91.9	92.3	92.4
≥ 1800	45.6	68.2	75.4	82.5	86.1	87.5	89.9	91.0	91.0	92.1	92.3	92.3	93.0	93.0	93.4	93.6
≥ 1500	45.9	68.8	76.1	83.4	87.1	88.5	91.0	92.1	92.2	93.4	93.6	93.6	94.3	94.3	94.7	94.8
≥ 1200	46.0	69.1	76.3	83.7	87.5	88.9	91.5	92.7	92.8	94.1	94.3	94.3	95.0	95.0	95.4	95.6
≥ 1000	46.1	69.2	76.5	84.0	87.8	89.2	91.9	93.1	93.2	94.5	94.7	94.7	95.5	95.5	95.8	96.0
≥ 900	46.1	69.3	76.6	84.2	88.1	89.5	92.2	93.6	93.7	95.1	95.2	95.2	96.1	96.1	96.3	96.5
≥ 800	46.1	69.4	76.8	84.4	88.4	89.9	92.6	94.0	94.1	95.5	95.7	95.7	96.4	96.4	96.8	96.9
≥ 700	46.2	69.5	76.9	84.6	88.7	90.3	93.1	94.6	94.7	96.0	96.2	96.2	97.0	97.0	97.3	97.5
≥ 600	46.2	69.5	77.0	84.8	88.9	90.5	93.6	95.1	95.2	96.6	96.8	96.8	97.6	97.6	98.0	98.1
≥ 500	46.2	69.6	77.0	84.8	89.0	90.7	93.8	95.4	95.5	97.1	97.3	97.3	98.1	98.1	98.5	98.7
≥ 400	46.2	69.6	77.0	84.8	89.1	90.8	94.0	95.7	95.8	97.4	97.7	97.7	98.5	98.5	98.9	99.1
≥ 300	46.2	69.6	77.0	84.8	89.1	90.8	94.0	95.8	95.9	97.6	97.9	97.9	98.8	98.8	99.2	99.5
≥ 200	46.2	69.6	77.0	84.8	89.1	90.8	94.0	95.8	95.9	97.7	98.0	98.0	99.0	99.0	99.5	99.8
≥ 100	46.2	69.6	77.0	84.8	89.1	90.8	94.0	95.8	95.9	97.7	98.0	98.0	99.0	99.0	99.5	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

030-2300 (NO. HRS. LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 GT9C	≥6 EQ9C	≥5 GE8	≥4 GE6C	≥3 GE4C	≥2½ GE4C	≥2 GE32	≥1¾ GE24	≥1½ GE2C	≥1¼ GE16	≥1 GE1C	≥¾ GE12	≥⅝ GE1C	≥½ GE08	≥⅜ GE05	≥¼ GE04	≥0 GE00
NO CEILING	47.5	56.1	59.2	61.2	61.3	61.3	61.5	62.3	62.4	62.5	62.6	62.6	63.1	63.1	63.3	63.9	
≥ 20000	48.2	57.8	61.0	62.9	63.2	63.2	63.4	64.2	64.3	64.4	64.5	64.5	65.1	65.1	65.3	65.8	
≥ 18000	48.2	57.8	61.0	62.9	63.2	63.2	63.4	64.2	64.3	64.4	64.5	64.5	65.1	65.1	65.3	65.8	
≥ 16000	48.2	57.8	61.0	62.9	63.2	63.2	63.4	64.2	64.3	64.4	64.5	64.5	65.1	65.1	65.3	65.8	
≥ 14000	48.6	58.4	61.6	63.4	63.8	63.8	64.0	64.7	64.9	64.9	65.1	65.1	65.6	65.6	65.8	66.3	
≥ 12000	48.8	59.5	62.9	64.8	65.2	65.2	65.4	66.1	66.2	66.7	66.8	66.8	67.3	67.3	67.5	68.1	
≥ 10000	49.6	60.5	64.4	66.3	66.7	66.8	67.0	67.8	68.0	68.5	68.6	68.6	69.1	69.1	69.4	69.9	
≥ 9000	50.8	62.2	66.0	68.1	68.4	68.5	68.7	69.6	69.7	70.2	70.3	70.3	70.9	70.9	71.1	71.6	
≥ 8000	51.8	63.8	67.6	69.7	70.1	70.2	70.4	71.3	71.4	71.9	72.0	72.0	72.6	72.6	72.8	73.3	
≥ 7000	54.3	66.9	70.8	73.0	73.4	73.5	73.9	74.7	74.8	75.4	75.5	75.5	76.0	76.0	76.2	76.8	
≥ 6000	55.5	68.3	72.2	74.5	74.9	75.1	75.4	76.2	76.3	76.9	77.0	77.0	77.5	77.5	77.7	78.3	
≥ 5000	57.1	70.3	74.2	76.8	77.2	77.3	77.6	78.5	78.6	79.2	79.4	79.4	79.9	79.9	80.1	80.6	
≥ 4500	58.2	71.8	75.7	78.5	79.0	79.1	79.5	80.3	80.4	81.1	81.2	81.2	81.7	81.7	81.9	82.5	
≥ 4000	59.1	72.9	76.8	80.0	80.5	80.6	81.0	81.8	81.9	82.6	82.7	82.7	83.3	83.3	83.5	84.1	
≥ 3500	60.1	74.5	78.6	82.2	82.7	82.8	83.1	84.0	84.1	84.7	84.8	84.8	85.5	85.5	85.7	86.2	
≥ 3000	61.2	76.9	81.0	84.7	85.3	85.5	85.9	86.8	86.9	87.5	87.6	87.6	88.3	88.3	88.5	89.0	
≥ 2500	62.4	78.8	82.9	87.1	87.6	88.0	88.4	89.2	89.4	90.0	90.1	90.1	90.8	90.8	91.0	91.5	
≥ 2000	64.1	80.8	84.9	89.2	89.8	90.2	90.6	91.5	91.6	92.3	92.4	92.4	93.0	93.0	93.2	93.8	
≥ 1800	64.3	81.0	85.2	89.8	90.3	90.8	91.2	92.0	92.2	92.8	92.9	92.9	93.5	93.5	93.8	94.3	
≥ 1500	64.5	81.4	85.6	90.2	90.9	91.3	91.7	92.6	92.7	93.4	93.5	93.5	94.2	94.2	94.4	94.9	
≥ 1200	64.8	82.2	86.6	91.3	91.9	92.4	92.9	93.8	93.9	94.6	94.7	94.7	95.4	95.4	95.6	96.1	
≥ 1000	64.8	82.4	86.8	91.5	92.2	92.6	93.1	94.0	94.1	94.8	94.9	94.9	95.6	95.6	95.8	96.3	
≥ 900	64.8	82.7	87.1	91.8	92.5	92.9	93.4	94.3	94.4	95.2	95.3	95.3	95.9	95.9	96.1	96.7	
≥ 800	64.8	82.7	87.1	91.8	92.5	92.9	93.4	94.3	94.4	95.2	95.3	95.3	95.9	95.9	96.1	96.7	
≥ 700	64.8	82.9	87.4	92.2	92.8	93.3	93.9	94.7	94.8	95.6	95.7	95.7	96.3	96.3	96.6	97.1	
≥ 600	64.8	82.9	87.4	92.2	92.8	93.4	94.1	94.9	95.1	95.8	95.9	95.9	96.6	96.6	96.8	97.3	
≥ 500	64.8	83.0	87.6	92.6	93.4	94.1	94.7	95.6	95.7	96.6	96.7	96.7	97.3	97.3	97.5	98.1	
≥ 400	64.8	83.0	87.6	92.7	93.5	94.2	94.8	95.8	95.9	96.8	96.9	96.9	97.5	97.5	97.7	98.3	
≥ 300	64.8	83.0	87.6	92.7	93.5	94.2	94.8	95.8	95.9	96.9	97.0	97.0	97.6	97.6	97.8	98.4	
≥ 200	64.8	83.0	87.6	92.8	93.8	94.4	95.8	96.9	97.0	98.0	98.1	98.1	98.7	98.7	98.9	99.5	
≥ 100	64.8	83.0	87.6	92.8	93.8	94.4	95.8	97.0	97.1	98.1	98.2	98.2	98.8	98.8	99.2	99.9	
≥ 0	64.8	83.0	87.6	92.8	93.8	94.4	95.8	97.0	97.1	98.1	98.2	98.2	98.8	98.8	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

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

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.1	≥6 GE9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥⅜ GE.8	≥5/16 GE.5	≥¼ GE.4	≥0 GE0
NO CEILING	37.7	47.1	50.0	52.8	53.8	53.8	55.9	57.1	57.5	58.8	59.7	59.9	60.2	60.3	61.1	61.6
≥ 20000	38.7	49.2	52.3	55.2	56.1	56.1	58.3	59.6	60.1	61.4	61.6	61.6	62.8	62.9	63.7	64.2
≥ 18000	38.7	49.2	52.3	55.2	56.1	56.1	58.3	59.6	60.1	61.4	61.6	61.6	62.8	62.9	63.7	64.2
≥ 16000	38.7	49.2	52.3	55.2	56.1	56.1	58.3	59.6	60.1	61.4	61.6	61.6	62.8	62.9	63.7	64.2
≥ 14000	39.2	49.8	52.8	55.7	56.7	56.7	58.8	60.1	60.6	61.9	62.2	62.2	63.3	63.4	64.2	64.7
≥ 12000	39.8	51.1	54.4	57.5	58.6	58.6	60.8	62.0	62.6	64.1	64.3	64.3	65.5	65.6	66.3	66.9
≥ 10000	40.1	51.6	54.9	58.5	59.7	59.7	61.8	63.1	63.7	65.2	65.4	65.4	66.6	66.7	67.4	68.0
≥ 9000	41.2	53.7	57.0	60.6	62.0	62.2	64.3	65.6	66.1	67.6	67.8	67.8	69.0	69.1	69.9	70.4
≥ 8000	42.0	54.9	58.3	61.9	63.3	63.4	65.6	66.9	67.4	69.0	69.2	69.2	70.4	70.5	71.3	71.8
≥ 7000	43.7	56.8	60.1	63.8	65.2	65.3	67.5	68.8	69.4	71.0	71.2	71.2	72.4	72.5	73.2	73.8
≥ 6000	45.1	58.3	61.7	65.5	66.9	67.0	69.5	70.8	71.3	72.9	73.1	73.1	74.3	74.4	75.2	75.7
≥ 5000	47.2	61.3	64.7	68.5	70.0	70.3	72.8	74.1	74.6	76.2	76.5	76.5	77.6	77.7	78.5	79.2
≥ 4500	48.1	62.6	66.0	69.8	71.5	71.8	74.3	75.6	76.1	77.7	78.0	78.0	79.1	79.2	80.0	80.5
≥ 4000	49.4	64.1	67.5	71.6	73.3	73.7	76.1	77.4	78.0	79.6	79.8	79.8	81.0	81.1	81.8	82.4
≥ 3500	51.1	66.0	69.8	74.0	75.7	76.1	78.5	79.8	80.3	81.9	82.2	82.2	83.3	83.4	84.2	84.7
≥ 3000	52.0	67.8	71.6	75.8	77.5	78.0	80.4	81.7	82.3	83.9	84.1	84.1	85.3	85.4	86.2	86.8
≥ 2500	52.7	69.2	73.0	77.3	79.0	79.5	81.9	83.2	83.8	85.6	85.8	85.8	87.0	87.1	88.0	88.5
≥ 2000	53.9	70.6	74.5	79.0	80.8	81.2	83.7	84.9	85.5	87.3	87.5	87.5	88.7	88.8	89.7	90.2
≥ 1800	54.3	71.4	75.3	80.0	81.7	82.2	84.6	85.9	86.5	88.3	88.5	88.5	89.7	89.8	90.6	91.2
≥ 1500	55.1	72.5	76.3	81.1	82.8	83.3	85.8	87.1	87.6	89.5	89.7	89.7	90.9	91.0	91.8	92.4
≥ 1200	55.3	73.0	76.9	81.6	83.3	83.9	86.3	87.6	88.2	90.0	90.2	90.2	91.4	91.5	92.4	92.9
≥ 1000	55.4	73.3	77.2	81.9	83.7	84.2	86.7	88.0	88.5	90.3	90.5	90.5	91.7	91.8	92.7	93.2
≥ 900	55.4	73.9	77.7	82.5	84.2	84.7	87.2	88.5	89.0	90.9	91.1	91.1	92.3	92.4	93.2	93.8
≥ 800	55.4	73.9	77.7	82.5	84.2	84.7	87.2	88.5	89.0	91.1	91.3	91.3	92.5	92.6	93.4	94.0
≥ 700	55.4	74.1	78.0	82.9	84.7	85.3	87.8	89.1	89.7	91.8	92.0	92.0	93.2	93.3	94.2	94.7
≥ 600	55.4	74.2	78.2	83.2	85.1	85.6	88.2	89.5	90.2	92.3	92.5	92.5	93.7	93.8	94.6	95.2
≥ 500	55.4	74.3	78.3	83.4	85.3	85.8	88.4	89.7	90.4	92.5	92.7	92.7	93.9	94.0	94.8	95.4
≥ 400	55.4	74.3	78.3	83.5	85.4	85.9	88.7	90.0	90.5	93.0	93.2	93.2	94.4	94.5	95.5	96.0
≥ 300	55.4	74.5	78.5	84.0	86.0	86.6	89.9	90.8	91.3	93.8	94.0	94.0	95.2	95.3	96.6	97.1
≥ 200	55.4	74.5	78.5	84.0	86.0	86.9	89.9	91.2	91.7	94.6	94.8	94.8	96.1	96.2	97.7	98.3
≥ 100	55.4	74.5	78.5	84.0	86.0	86.9	89.9	91.3	91.8	94.8	95.1	95.1	96.9	97.0	98.6	99.4
≥ 0	55.4	74.5	78.5	84.0	86.0	86.9	89.9	91.3	91.8	94.8	95.1	95.1	96.9	97.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥1 GE2	≥1 GE2	≥1 GE1	≥1 GE1	≥ GE0	≥5/16 GE0	≥0 GE0	
NO CEILING	26.9	35.7	38.0	41.4	42.8	43.[illegible]	45.5	46.3	46.3	48.5	48.7	49.7	5[illegible].6	50.9	53.0	53.8
≥ 20000	29.6	39.1	41.6	45.2	46.7	47.0	49.5	50.5	50.5	52.8	53.[illegible]	53.0	55.1	55.3	57.4	58.3
≥ 18000	29.6	39.1	41.6	45.2	46.7	47.0	49.5	50.5	50.5	52.8	53.[illegible]	53.0	55.1	55.3	57.4	58.3
≥ 16000	29.6	39.1	41.6	45.3	46.8	47.1	49.6	50.6	50.6	52.9	53.1	53.1	55.2	55.4	57.5	58.4
≥ 14000	29.7	39.4	41.9	45.6	47.1	47.4	49.9	51.1	51.1	53.4	53.7	53.7	55.9	56.1	58.3	59.1
≥ 12000	30.6	40.8	43.7	47.7	49.4	49.8	52.3	53.5	53.5	55.9	56.1	56.1	58.4	58.6	60.8	61.6
≥ 10000	31.2	41.9	44.9	49.2	51.0	51.5	54.1	55.4	55.4	57.7	58.[illegible]	58.0	60.3	60.5	62.7	63.5
≥ 9000	31.8	42.9	45.9	50.3	52.0	52.6	55.3	56.6	56.6	58.9	59.1	59.1	61.5	61.7	63.9	64.7
≥ 8000	32.4	43.9	47.1	51.5	53.4	54.1	56.9	58.1	58.1	60.5	60.8	60.8	63.1	63.3	65.5	66.3
≥ 7000	33.2	44.8	48.2	52.7	54.6	55.5	58.4	59.7	59.7	62.2	62.4	62.4	64.7	64.9	67.1	68.0
≥ 6000	34.3	46.3	49.8	54.5	56.6	57.4	60.3	61.6	61.6	64.1	64.3	64.3	66.7	66.9	69.1	70.0
≥ 5000	36.6	49.5	53.2	58.3	60.4	61.4	64.4	65.7	65.8	68.6	68.9	68.9	71.3	71.5	73.8	74.6
≥ 4500	37.7	51.3	55.1	60.1	62.3	63.2	66.6	67.8	68.0	71.1	71.4	71.4	73.8	74.[illegible]	76.2	77.1
≥ 4000	38.2	52.5	56.2	61.3	63.4	64.4	67.7	69.0	69.1	72.3	72.6	72.6	74.9	75.2	77.4	78.3
≥ 3500	38.8	53.4	57.2	62.4	64.6	65.6	69.[illegible]	70.3	7[illegible].5	73.7	74.1	74.1	76.7	76.9	79.1	80.0
≥ 3000	39.8	54.6	58.4	63.8	66.[illegible]	67.1	7[illegible].5	71.8	72.[illegible]	75.3	75.7	75.7	78.3	78.5	80.8	81.6
≥ 2500	41.7	57.6	61.5	67.0	69.2	70.3	74.1	75.6	75.8	79.[illegible]	79.5	79.5	82.2	82.4	84.6	85.5
≥ 2000	43.1	59.8	63.8	69.7	71.9	73.0	76.9	78.4	78.6	81.9	82.4	82.4	85.1	85.3	87.5	88.4
≥ 1800	43.7	60.5	64.5	70.5	72.8	73.9	77.7	79.2	79.5	83.0	83.4	83.4	86.1	86.3	88.6	89.5
≥ 1500	43.9	61.1	65.1	71.1	73.3	74.5	78.5	80.0	80.2	83.8	84.2	84.2	86.9	87.1	89.4	90.2
≥ 1200	44.2	61.6	65.6	71.7	74.0	75.2	79.1	80.6	80.9	84.4	84.8	84.8	87.5	87.7	90.0	90.9
≥ 1000	44.5	62.0	66.0	72.2	74.4	75.6	79.6	81.1	81.3	84.8	85.3	85.3	88.0	88.2	90.4	91.3
≥ 900	44.5	62.7	66.7	72.8	75.1	76.2	80.3	81.8	82.0	85.6	86.0	86.0	88.7	88.9	91.2	92.[illegible]
≥ 800	44.5	62.7	66.7	72.8	75.1	76.2	80.5	82.0	82.3	85.8	86.2	86.2	88.9	89.1	91.4	92.3
≥ 700	44.5	62.7	66.7	72.9	75.2	76.3	80.9	82.4	82.6	86.1	86.6	86.6	89.2	89.5	91.7	92.6
≥ 600	44.5	62.7	66.7	73.2	75.5	76.7	81.4	82.9	83.1	86.7	87.1	87.1	89.8	90.0	92.3	93.1
≥ 500	44.6	62.8	67.0	73.8	76.0	77.3	82.0	83.7	83.9	87.4	87.8	87.8	90.5	90.8	93.[illegible]	93.9
≥ 400	44.6	62.8	67.0	74.0	76.2	77.7	82.5	84.1	84.3	87.8	88.3	88.3	91.2	91.4	93.7	94.5
≥ 300	44.6	62.8	67.[illegible]	74.0	76.2	77.8	82.7	84.6	84.8	88.8	89.4	89.4	92.3	92.5	94.8	95.7
≥ 200	44.6	62.8	67.[illegible]	74.0	76.2	77.8	82.7	84.6	84.8	89.0	89.7	89.7	92.7	92.9	95.9	96.8
≥ 100	44.6	62.8	67.[illegible]	74.0	76.2	78.0	82.9	84.9	85.2	89.4	90.0	90.0	93.1	93.3	97.3	98.9
≥ [illegible]	44.6	62.8	67.0	74.0	76.2	78.0	82.9	84.9	85.2	89.4	90.0	90.0	93.1	93.3	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥¼ GE0.8	≥⅛ GE0.5	≥0 GE0.4	≥0 GE0
UNLIMITED	32.7	44.1	47.1	50.1	52.9	53.3	55.2	55.6	55.7	56.6	56.7	56.7	56.7	56.7	57.5	57.7
≥ 20000	35.8	47.6	50.9	53.9	56.9	57.4	59.2	59.7	59.8	60.6	60.8	60.8	60.8	60.8	61.6	61.8
≥ 18000	35.9	47.7	51.0	54.2	57.2	57.7	59.6	60.0	60.1	61.0	61.1	61.1	61.1	61.1	61.9	62.2
≥ 16000	36.0	47.8	51.1	54.3	57.3	57.8	59.7	60.1	60.2	61.1	61.2	61.2	61.2	61.2	62.0	62.3
≥ 14000	36.7	48.2	51.5	54.8	57.8	58.4	60.2	60.8	60.9	61.8	61.9	61.9	61.9	61.9	62.8	63.0
≥ 12000	36.9	49.4	53.1	56.6	59.8	60.3	62.3	63.0	63.1	64.1	64.2	64.2	64.2	64.2	65.1	65.3
≥ 11000	37.3	50.4	54.2	57.6	60.9	61.4	63.3	64.1	64.2	65.2	65.3	65.3	65.3	65.3	66.1	66.3
≥ 10000	37.5	51.0	54.7	58.3	61.5	62.0	64.0	64.7	64.8	65.8	65.9	65.9	65.9	65.9	66.8	67.0
≥ 9000	38.1	51.7	55.7	59.6	62.9	63.4	65.6	66.5	66.6	67.5	67.6	67.6	67.6	67.6	68.5	68.7
≥ 8000	39.1	52.9	56.9	61.0	64.4	65.2	67.3	68.3	68.4	69.4	69.5	69.5	69.5	69.5	70.3	70.5
≥ 7000	39.7	54.0	58.1	62.4	65.8	66.6	68.8	69.8	69.9	70.9	71.0	71.0	71.0	71.0	71.8	72.0
≥ 6000	41.2	55.9	60.0	64.6	68.2	68.9	71.2	72.5	72.6	73.5	73.7	73.7	73.7	73.7	74.5	74.7
≥ 5000	42.6	57.4	61.5	66.2	69.8	70.8	73.0	74.5	74.6	75.7	75.8	75.8	75.9	75.9	76.8	77.0
≥ 4500	43.1	58.2	62.3	67.2	70.8	71.7	74.0	75.6	75.8	77.0	77.1	77.1	77.2	77.2	78.1	78.3
≥ 4000	43.8	58.9	63.1	68.1	71.7	72.7	75.3	76.9	77.1	78.3	78.4	78.4	78.5	78.5	79.4	79.6
≥ 3500	44.8	60.2	64.4	69.8	73.4	74.4	77.1	78.6	78.8	80.0	80.1	80.1	80.2	80.2	81.1	81.3
≥ 3000	46.2	62.2	66.8	72.5	76.3	77.4	80.4	82.3	82.5	83.8	83.9	83.9	84.0	84.0	84.8	85.1
≥ 2500	47.6	64.0	68.9	75.2	79.0	80.1	83.4	85.3	85.5	86.9	87.0	87.0	87.1	87.1	88.0	88.2
≥ 2000	48.2	64.6	69.6	76.0	80.0	81.1	84.4	86.2	86.5	87.8	88.0	88.0	88.1	88.1	89.0	89.1
≥ 1800	48.7	65.5	70.5	77.1	81.1	82.2	85.5	87.3	87.5	88.9	89.0	89.0	89.1	89.1	90.0	90.2
≥ 1500	49.1	66.0	71.2	77.7	81.8	82.9	86.2	88.1	88.3	89.7	89.8	89.8	89.9	89.9	90.8	91.0
≥ 1200	49.2	66.1	71.4	78.0	82.0	83.1	86.5	88.3	88.5	90.0	90.1	90.1	90.2	90.2	91.1	91.3
≥ 1000	49.2	66.7	72.0	78.7	82.8	83.9	87.2	89.0	89.2	90.8	90.9	90.9	91.0	91.0	91.8	92.0
≥ 900	49.5	66.9	72.3	78.9	83.1	84.2	88.0	89.8	90.0	91.5	91.6	91.6	91.7	91.7	92.6	92.8
≥ 800	49.5	67.1	72.7	79.5	83.8	84.9	88.9	90.8	91.0	92.5	92.6	92.6	92.7	92.7	93.5	93.8
≥ 700	49.6	67.2	72.8	79.8	84.1	85.3	89.8	91.6	91.9	93.7	93.8	93.8	93.9	93.9	94.7	94.9
≥ 600	49.6	67.4	73.2	80.2	84.6	85.9	90.6	92.6	92.9	94.8	94.9	94.9	95.2	95.2	96.0	96.2
≥ 500	49.6	67.6	73.4	80.4	84.8	86.3	91.3	93.4	93.8	96.2	96.7	96.7	97.0	97.0	98.0	98.3
≥ 400	49.6	67.7	73.5	80.6	85.1	86.6	91.6	93.8	94.1	96.8	97.2	97.2	97.6	97.6	98.7	99.0
≥ 300	49.6	67.7	73.5	80.6	85.1	86.6	91.7	93.9	94.2	96.9	97.3	97.3	98.0	98.0	99.0	99.4
≥ 200	49.6	67.7	73.5	80.6	85.1	86.6	91.7	93.9	94.2	97.0	97.4	97.4	98.1	98.1	99.6	99.9
≥ 100	49.6	67.7	73.5	80.6	85.1	86.6	91.7	93.9	94.2	97.0	97.4	97.4	98.1	98.1	99.7	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 930

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16) GT9	≥9 EQ9	≥8 GE8	≥7 (11) GE6	≥6 GE48	≥5 GE4	≥4 GE32	≥3 GE24	≥2½ GE2	≥2 GE16	≥1½ GE1	≥1¼ GE1	≥1 GE08	≥⅞ (10) GE7	≥¾ GE04	≥½ GE0
NO CEILING	47.5	54.3	56.7	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	52.4	60.6	63.7	64.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	52.4	60.6	63.7	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
≥ 16000	52.5	60.8	63.8	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 14000	52.6	61.1	64.1	65.5	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000	54.4	63.2	66.2	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000	54.9	64.4	67.4	68.8	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	55.9	65.6	68.6	70.1	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000	56.2	66.3	69.5	71.0	71.7	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	56.9	67.5	70.6	72.3	73.0	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	57.7	68.5	71.6	73.2	74.0	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 5000	60.5	72.3	75.5	77.3	78.2	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	61.3	73.1	76.3	78.2	79.0	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	62.3	74.2	77.4	79.2	80.1	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	63.8	76.1	79.7	81.6	82.5	82.7	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	65.2	78.3	82.1	84.0	84.8	85.1	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	66.9	80.5	84.5	86.5	87.5	87.7	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	68.7	83.1	87.3	89.5	90.5	90.9	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	69.1	83.8	88.1	90.1	91.2	91.5	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	69.6	84.4	88.7	91.2	92.4	92.7	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	69.7	84.8	89.1	91.8	93.0	93.3	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	69.8	85.4	89.7	92.4	93.7	94.0	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	69.8	85.5	89.9	92.8	94.1	94.4	95.2	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	70.0	85.7	90.2	93.1	94.4	94.7	95.7	96.0	96.2	96.3	96.5	96.5	96.6	96.6	96.6	96.6
≥ 700	70.0	85.8	90.3	93.3	94.7	95.1	96.2	96.6	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1
≥ 600	70.1	86.0	90.6	94.1	95.7	96.0	97.3	97.8	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 500	70.1	86.0	90.6	94.1	95.7	96.0	97.3	97.8	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9
≥ 400	70.1	86.0	90.8	94.2	95.8	96.1	97.5	98.1	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	70.1	86.0	90.8	94.2	95.8	96.2	97.6	98.2	98.5	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	70.1	86.0	90.8	94.2	95.8	96.2	97.6	98.2	98.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	70.1	86.0	90.8	94.2	95.8	96.2	97.6	98.2	98.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	70.1	86.0	90.8	94.2	95.8	96.2	97.6	98.2	98.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9C	≥6 EQ9C	≥5 GE8C	≥4 GE6C	≥3 GE4C	≥2½ GE4C	≥2 GE3C	≥1½ GE2C	≥1¼ GE2C	≥1 GE1C	≥¾ GE1C	≥½ GE1C	≥5/16 GE0C	≥¼ GE0C	≥0 GE0C
NO CEILING	53.0	56.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	58.8	63.8	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	58.9	63.9	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 16000	58.9	63.9	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 14000	59.7	64.8	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	62.1	67.7	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	63.6	69.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 9000	64.6	70.5	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	65.1	71.2	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	66.1	72.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	67.7	74.1	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	70.9	77.5	79.7	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	72.6	79.2	81.4	82.0	82.0	82.0	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	74.4	81.3	83.4	84.2	84.5	84.5	84.7	85.0	85.0	85.0	85.0	85.0	85.2	85.2	85.2
≥ 3500	75.7	82.7	85.1	85.9	86.2	86.2	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	76.7	84.4	87.1	87.8	88.2	88.2	88.4	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9
≥ 2500	78.7	87.2	89.8	90.6	91.0	91.0	91.2	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7
≥ 2000	79.9	88.9	91.5	92.4	92.7	92.7	92.9	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4
≥ 1800	80.1	89.3	91.9	92.8	93.1	93.1	93.3	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9
≥ 1500	80.1	89.7	92.5	93.3	93.8	93.8	94.1	94.5	94.5	94.6	94.7	94.7	94.8	94.8	94.8
≥ 1200	80.3	90.4	93.3	94.2	94.6	94.6	94.9	95.4	95.4	95.6	95.7	95.7	95.8	95.8	95.8
≥ 1000	80.4	90.6	93.6	94.5	94.9	94.9	95.3	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.1
≥ 900	80.4	90.9	94.1	94.9	95.4	95.4	95.7	96.1	96.1	96.3	96.4	96.4	96.7	96.7	96.7
≥ 800	80.5	91.3	94.6	95.5	95.9	95.9	96.2	96.8	96.8	97.0	97.1	97.1	97.3	97.3	97.3
≥ 700	80.5	91.5	94.8	95.8	96.2	96.2	96.6	97.1	97.1	97.3	97.4	97.4	97.6	97.6	97.6
≥ 600	80.5	91.7	95.2	96.3	96.8	96.8	97.1	97.7	97.8	98.1	98.2	98.2	98.4	98.4	98.4
≥ 500	80.5	91.7	95.2	96.3	96.8	97.0	97.6	98.4	98.7	99.0	99.1	99.1	99.4	99.4	99.4
≥ 400	80.5	91.7	95.2	96.3	96.9	97.1	97.7	98.7	99.0	99.4	99.5	99.5	99.7	99.7	99.7
≥ 300	80.5	91.7	95.2	96.3	96.9	97.1	97.7	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9
≥ 200	80.5	91.7	95.2	96.3	96.9	97.1	97.7	98.8	99.1	99.6	99.8	99.8	100.0	100.0	100.0
≥ 100	80.5	91.7	95.2	96.3	96.9	97.1	97.7	98.8	99.1	99.6	99.8	99.8	100.0	100.0	100.0
≥ 0	80.5	91.7	95.2	96.3	96.9	97.1	97.7	98.8	99.1	99.6	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 0-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2 1/2 GE4.0	≥2 GE3.2	≥1 1/2 GE2.4	≥1 1/4 GE2.0	≥1 GE1.6	≥ 7/8 GE1.4	≥ 3/4 GE1.0	≥ 5/8 GE0.8	≥ 5/16 GE0.5	≥ 1/4 GE0.4	≥0 GE0
NO CEILING	56.6	60.5	62.0	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	62.3	66.6	68.1	68.3	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 18000	62.3	66.7	68.2	68.4	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	62.3	66.7	68.2	68.4	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	62.4	66.8	68.3	68.5	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	65.8	70.5	72.1	72.3	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	66.8	71.7	73.2	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	67.6	72.7	74.3	74.7	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000	68.6	73.9	75.5	75.9	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	69.8	75.3	76.9	77.4	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	72.2	78.4	80.1	80.5	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	74.8	81.6	83.2	84.0	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	76.1	83.2	84.8	85.6	86.2	86.3	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	76.9	84.0	85.6	86.3	87.0	87.1	87.2	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	78.3	85.8	87.4	88.5	89.2	89.4	89.5	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	79.5	87.2	88.8	89.9	90.6	90.8	90.9	91.3	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 2500	80.5	89.2	90.9	91.9	92.7	92.8	92.9	93.4	93.4	93.8	93.9	93.8	93.9	93.9	93.9	93.9
≥ 2000	81.3	90.3	91.9	93.0	93.8	93.9	94.0	94.5	94.5	94.9	94.9	94.9	95.1	95.1	95.1	95.1
≥ 1800	81.3	90.3	91.9	93.0	93.8	93.9	94.0	94.5	94.5	94.9	94.9	94.9	95.1	95.1	95.1	95.1
≥ 1500	81.3	91.3	93.1	94.2	94.9	95.1	95.2	95.7	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1200	81.3	91.8	93.7	94.8	95.7	95.8	96.0	96.6	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1000	81.3	92.0	93.9	95.1	96.0	96.2	96.5	97.0	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6
≥ 900	81.3	92.4	94.2	95.4	96.3	96.6	96.8	97.3	97.3	97.7	97.8	97.8	98.0	98.0	98.0	98.0
≥ 800	81.3	92.5	94.3	95.6	96.7	96.9	97.2	97.8	97.8	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 700	81.3	92.5	94.3	96.0	97.2	97.4	97.8	98.5	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	81.3	92.5	94.3	96.2	97.4	97.6	98.3	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	81.3	92.6	94.4	96.3	97.5	97.7	98.4	99.1	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	81.3	92.6	94.4	96.3	97.5	97.7	98.4	99.1	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	81.3	92.6	94.4	96.3	97.5	97.7	98.4	99.1	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	81.3	92.6	94.4	96.3	97.5	97.7	98.4	99.1	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	81.3	92.6	94.4	96.3	97.5	97.7	98.4	99.1	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	81.3	92.6	94.4	96.3	97.5	97.7	98.4	99.1	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE93	≥6 GE69	≥5 GE83	≥4 GE66	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¼ GE24	≥1 GE20	≥¾ GE16	≥½ GE12	≥⅜ GE10	≥¼ GE08	≥5/16 GE05	≥⅛ GE04	≥0 GE00
NO CEILING	54.8	60.2	61.9	62.7	62.9	62.9	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3
≥ 20000	57.5	64.2	65.9	66.7	66.9	66.9	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.3
≥ 18000	57.6	64.3	66.0	66.8	67.0	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4
≥ 16000	57.6	64.3	66.0	66.8	67.0	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4
≥ 14000	58.1	64.8	66.6	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.0
≥ 12000	59.8	67.6	69.4	70.2	70.4	70.4	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.9
≥ 10000	60.3	68.3	70.2	71.2	71.4	71.4	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8
≥ 9000	61.7	69.8	71.9	72.9	73.1	73.1	73.3	73.4	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.8
≥ 8000	62.5	71.0	73.2	74.2	74.4	74.4	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	75.1
≥ 7000	64.8	73.7	75.9	76.9	77.1	77.1	77.3	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.7
≥ 6000	67.0	76.2	78.6	79.6	79.8	79.8	80.0	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4
≥ 5000	69.1	79.1	81.5	83.1	83.3	83.3	83.5	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.1
≥ 4500	70.5	81.1	83.4	85.3	85.5	85.5	85.7	85.8	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.3
≥ 4000	71.1	81.8	84.2	86.3	86.6	86.6	86.8	86.9	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.4
≥ 3500	71.6	82.5	84.8	87.1	87.3	87.3	87.7	87.8	87.8	88.2	88.3	88.3	88.3	88.4	88.4	88.5
≥ 3000	72.4	84.1	86.5	88.8	89.0	89.0	89.5	89.6	89.6	89.9	90.0	90.0	90.0	90.1	90.1	90.2
≥ 2500	73.7	86.5	88.8	91.5	91.7	91.7	92.2	92.5	92.5	92.8	92.9	92.9	92.9	93.0	93.0	93.1
≥ 2000	74.5	87.5	89.9	92.6	92.8	92.8	93.2	93.5	93.5	93.9	94.0	94.0	94.0	94.1	94.1	94.2
≥ 1800	74.6	88.0	90.4	93.1	93.3	93.3	93.8	94.1	94.1	94.4	94.5	94.5	94.5	94.6	94.6	94.7
≥ 1500	74.9	88.7	91.3	94.0	94.3	94.4	95.1	95.4	95.4	95.7	95.8	95.8	95.8	95.9	95.9	96.0
≥ 1200	75.3	89.1	91.8	94.6	95.1	95.2	95.8	96.1	96.1	96.5	96.6	96.6	96.6	96.7	96.7	96.8
≥ 1000	75.3	89.2	92.0	94.8	95.5	95.6	96.2	96.6	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.2
≥ 900	75.4	89.5	92.4	95.5	96.1	96.2	96.9	97.2	97.2	97.5	97.6	97.6	97.6	97.7	97.7	97.8
≥ 800	75.4	89.6	92.5	95.6	96.3	96.5	97.1	97.4	97.4	97.7	97.8	97.8	97.8	98.0	98.0	98.1
≥ 700	75.4	89.7	92.7	95.8	96.7	96.8	97.4	97.7	97.7	98.1	98.2	98.2	98.2	98.3	98.3	98.4
≥ 600	75.4	89.7	92.7	96.0	96.9	97.0	97.6	98.0	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.6
≥ 500	75.4	89.7	92.8	96.2	97.1	97.2	97.8	98.2	98.2	98.5	98.6	98.6	98.6	98.7	98.7	98.8
≥ 400	75.4	89.8	92.9	96.3	97.2	97.3	98.0	98.3	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.9
≥ 300	75.4	90.0	93.1	96.6	97.4	97.5	98.3	98.6	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.2
≥ 200	75.4	90.0	93.1	96.8	97.6	97.7	98.6	99.0	99.0	99.4	99.5	99.5	99.5	99.6	99.6	99.7
≥ 100	75.4	90.0	93.1	96.8	97.6	97.7	98.6	99.0	99.0	99.5	99.6	99.6	99.6	99.7	99.9	100.0
≥ 0	75.4	90.0	93.1	96.8	97.6	97.7	98.6	99.0	99.0	99.5	99.6	99.6	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72736 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥0 GT90	≥0 GE90	≥3 GE80	≥4 GE60	≥3 GE48	≥2 GE40	≥2 GE32	≥1 GE24	≥1 GE20	≥1 GE16	≥1 GE12	≥1 GE10	≥1 GE8	≥1 GE5	≥1 GE4	≥1 GE2
UNLIM	44.6	51.9	54.1	55.8	56.6	56.7	57.5	57.9	58.0	58.6	58.7	58.7	59.1	59.1	59.6	59.9
≥ 25000	47.9	56.1	58.6	60.3	61.2	61.4	62.2	62.7	62.9	63.5	63.4	63.4	63.9	63.9	64.4	64.7
≥ 20000	47.9	56.2	58.7	60.4	61.3	61.5	62.3	62.8	62.9	63.4	63.5	63.5	64.0	64.0	64.5	64.8
≥ 18000	48.0	56.2	58.7	60.5	61.4	61.5	62.4	62.8	62.9	63.5	63.6	63.6	64.1	64.1	64.6	64.8
≥ 16000	48.3	56.6	59.1	60.9	61.8	62.0	62.8	63.3	63.4	64.0	64.1	64.1	64.6	64.6	65.1	65.4
≥ 14000	49.8	58.7	61.4	63.3	64.3	64.4	65.3	65.8	65.9	66.6	66.6	66.6	67.1	67.2	67.7	68.0
≥ 12000	51.5	59.8	62.6	64.7	65.6	65.8	66.7	67.2	67.3	68.0	68.1	68.1	68.6	68.7	69.1	69.4
≥ 10000	51.4	61.0	63.9	66.0	67.0	67.2	68.1	68.7	68.7	69.4	69.5	69.5	70.0	70.1	70.6	70.9
≥ 9000	52.1	62.1	65.0	67.2	68.2	68.4	69.4	70.0	70.1	70.8	70.9	70.9	71.4	71.4	71.9	72.2
≥ 8000	53.5	63.7	66.7	68.9	70.0	70.3	71.3	71.9	72.0	72.7	72.8	72.8	73.3	73.3	73.8	74.1
≥ 7000	54.9	65.5	68.5	70.9	71.9	72.2	73.3	73.9	73.9	74.7	74.8	74.8	75.3	75.3	75.8	76.1
≥ 6000	57.2	68.4	71.5	74.1	75.2	75.5	76.7	77.3	77.4	78.2	78.3	78.3	78.8	78.9	79.4	79.7
≥ 5000	58.4	70.0	73.1	75.7	76.9	77.3	78.5	79.2	79.3	80.1	80.2	80.2	80.8	80.8	81.3	81.6
≥ 4500	59.3	71.1	74.2	77.0	78.3	78.6	79.8	80.5	80.7	81.5	81.7	81.7	82.2	82.2	82.7	83.0
≥ 4000	60.4	72.5	75.7	78.7	80.0	80.3	81.6	82.4	82.5	83.4	83.5	83.5	84.1	84.1	84.6	84.9
≥ 3500	61.4	74.2	77.5	80.6	81.9	82.2	83.5	84.3	84.4	85.3	85.5	85.5	86.1	86.1	86.6	86.9
≥ 3000	62.8	76.4	79.8	83.0	84.4	84.8	86.2	87.0	87.2	88.1	88.3	88.3	88.9	88.9	89.4	89.7
≥ 2500	64.1	78.1	81.6	85.1	86.4	86.8	88.3	89.1	89.3	90.3	90.4	90.4	91.0	91.1	91.6	91.9
≥ 2000	64.4	78.6	82.1	85.7	87.0	87.5	88.9	89.8	89.9	91.0	91.1	91.1	91.7	91.7	92.3	92.5
≥ 1800	64.8	79.3	82.9	86.5	87.9	88.4	89.9	90.8	90.9	92.0	92.1	92.1	92.7	92.8	93.3	93.6
≥ 1500	65.0	79.9	83.5	87.2	88.7	89.2	90.7	91.6	91.7	92.8	92.9	92.9	93.5	93.6	94.1	94.4
≥ 1200	65.1	80.1	83.9	87.5	89.0	89.5	91.1	91.9	92.1	93.2	93.3	93.3	93.9	94.0	94.5	94.8
≥ 1000	65.1	80.5	84.3	88.0	89.6	90.0	91.6	92.5	92.6	93.7	93.9	93.9	94.5	94.5	95.1	95.3
≥ 900	65.2	80.6	84.4	88.2	89.8	90.3	91.9	92.8	93.0	94.1	94.3	94.3	94.9	95.0	95.5	95.8
≥ 800	65.2	80.8	84.6	88.5	90.2	90.7	92.4	93.4	93.5	94.7	94.8	94.8	95.5	95.5	96.0	96.3
≥ 700	65.2	80.9	84.7	88.9	90.5	91.0	93.0	93.9	94.1	95.3	95.5	95.5	96.1	96.2	96.7	97.0
≥ 600	65.2	80.9	84.9	89.1	90.8	91.4	93.4	94.4	94.6	95.9	96.1	96.1	96.7	96.8	97.3	97.6
≥ 500	65.2	81.0	84.9	89.2	90.9	91.6	93.6	94.7	94.9	96.3	96.5	96.5	97.2	97.3	97.8	98.1
≥ 400	65.2	81.0	85.0	89.3	91.1	91.7	93.8	95.0	95.2	96.7	97.0	97.0	97.7	97.7	98.4	98.7
≥ 300	65.2	81.0	85.0	89.4	91.1	91.8	94.1	95.2	95.4	97.1	97.4	97.4	98.1	98.2	98.9	99.2
≥ 200	65.2	81.0	85.0	89.4	91.1	91.8	94.1	95.3	95.5	97.2	97.5	97.5	98.3	98.4	99.3	99.8
≥ 100	65.2	81.0	85.0	89.4	91.1	91.8	94.1	95.3	95.5	97.2	97.5	97.5	98.3	98.4	99.4	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726? STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-8? YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOUR

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9?	≥6 GE9?	≥5 GE8?	≥4 GE6?	≥3 GE4?	≥2½ GE4?	≥2 GE3?	≥1½ GE2?	≥1¼ GE2?	≥1 GE1?	≥¾ GE1?	≥½ GE1?	≥3/8 GE0?	≥5/16 GE0?	≥¼ GE2?	≥0 GE?
NO CEILING	40.1	49.4	50.9	51.7	52.4	52.4	52.8	52.8	52.8	53.3	53.3	53.3	53.3	53.3	53.4	53.6
≥ 20000	42.1	52.1	53.6	54.4	55.2	55.2	55.6	55.6	55.6	56.1	56.1	56.1	56.1	56.1	56.2	56.7
≥ 18000	42.4	52.4	53.9	54.8	55.6	55.6	55.9	55.9	55.9	56.4	56.4	56.4	56.4	56.4	56.6	57.?
≥ 16000	42.4	52.7	54.1	55.0	55.8	55.8	56.1	56.1	56.1	56.7	56.7	56.7	56.7	56.7	56.8	57.2
≥ 14000	43.?	53.3	54.9	55.7	56.4	56.4	56.9	56.8	56.8	57.3	57.3	57.3	57.3	57.3	57.4	57.9
≥ 12000	44.3	55.3	56.8	57.7	58.4	58.4	58.9	58.8	58.9	59.3	59.3	59.3	59.3	59.3	59.4	59.9
≥ 10000	45.4	56.8	58.2	59.1	59.9	59.9	60.3	60.3	60.3	60.9	60.9	6 .9	60.9	60.9	61.?	61.4
≥ 9000	46.3	57.8	59.4	60.4	61.2	61.2	61.7	61.7	61.7	62.2	62.2	62.2	62.2	62.2	62.3	62.8
≥ 8000	47.1	59.6	61.2	62.2	63.0	63.0	63.4	63.4	63.4	64.0	64.0	64.0	64.0	64.?	64.1	64.6
≥ 7000	48.9	62.7	64.3	65.4	66.2	66.2	66.7	66.7	66.7	67.2	67.2	67.2	67.2	67.2	67.3	67.8
≥ 6000	50.1	64.3	66.1	67.4	68.2	68.2	68.7	68.7	68.7	69.2	69.2	69.2	69.2	69.2	69.3	69.8
≥ 5000	51.4	66.8	68.7	70.1	71.0	71.0	71.8	71.8	71.8	72.3	72.3	72.3	72.3	72.3	72.4	72.9
≥ 4500	53.?	69.6	71.7	73.4	74.3	74.3	75.?	75.4	75.4	76.0	76.0	76.0	76.0	76.0	76.1	76.6
≥ 4000	54.2	71.2	73.3	75.2	76.3	76.3	77.3	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.2	78.7
≥ 3500	55.9	73.8	75.9	78.1	79.2	79.2	80.3	80.6	80.6	81.1	81.1	81.1	81.1	81.1	81.2	81.7
≥ 3000	57.8	76.8	78.9	81.6	82.7	82.7	83.9	84.1	84.1	84.7	84.7	84.7	84.8	84.8	84.9	85.3
≥ 2500	59.?	79.0	81.2	84.0	85.3	85.3	86.8	87.0	87.1	87.7	87.7	87.7	87.8	87.8	87.9	88.3
≥ 2000	59.9	80.4	83.1	86.1	87.7	87.7	89.2	89.4	89.6	90.2	90.2	90.2	90.3	90.3	90.4	90.9
≥ 1800	60.?	81.0	83.7	86.7	88.2	88.2	89.8	90.0	90.1	90.8	90.8	90.8	90.9	90.9	91.0	91.4
≥ 1500	60.0	81.4	84.2	87.2	88.8	88.8	90.3	90.6	90.7	91.3	91.3	91.3	91.4	91.4	91.6	92.0
≥ 1200	60.3	82.7	85.4	88.8	90.4	90.4	92.0	92.2	92.3	93.1	93.1	93.1	93.2	93.2	93.3	93.8
≥ 1000	60.3	82.9	85.7	89.0	90.8	90.8	92.6	92.9	93.0	93.8	93.8	93.8	93.9	93.9	94.?	94.4
≥ 900	60.3	83.2	86.1	89.7	91.4	91.4	93.2	93.7	93.8	94.8	94.8	94.8	94.9	94.9	95.0	95.4
≥ 800	60.3	83.2	86.1	89.8	91.7	91.7	93.4	93.9	94.?	95.1	95.1	95.1	95.2	95.2	95.3	95.8
≥ 700	60.3	83.2	86.1	89.9	91.8	91.8	93.6	94.1	94.2	95.3	95.3	95.3	95.4	95.4	95.6	96.0
≥ 600	60.3	83.3	86.2	90.2	92.1	92.1	94.2	94.8	94.9	96.?	96.?	96.?	96.1	96.1	96.2	96.7
≥ 500	60.3	83.4	86.4	90.7	92.6	92.7	94.9	95.4	95.6	96.8	96.8	96.8	96.9	96.9	97.?	97.4
≥ 400	60.3	83.7	86.8	91.2	93.1	93.6	95.9	96.4	96.6	97.8	97.8	97.8	97.9	97.9	98.0	98.4
≥ 300	60.3	83.7	86.8	91.4	93.3	93.8	96.2	96.9	97.?	98.2	98.2	98.2	98.6	98.6	98.7	99.1
≥ 200	60.3	83.7	86.8	91.4	93.4	93.9	96.3	97.0	97.1	98.6	98.6	98.6	98.9	98.9	99.0	99.4
≥ 100	60.3	83.7	86.8	91.4	93.4	93.9	96.3	97.0	97.1	98.6	98.6	98.6	99.?	99.?	99.2	100.0
≥ 0	60.3	83.7	86.8	91.4	93.4	93.9	96.3	97.0	97.1	98.6	98.6	98.6	99.?	99.?	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-80 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE7	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1½ GE1½	≥1 GE1	≥¾ GE¾	≥½ GE½	≥¼ GE¼	≥0 GE0
NO CEILING	40.1	49.4	50.9	51.7	52.4	52.4	52.8	52.8	52.8	53.3	53.3	53.3	53.3	53.3	53.4	53.6
≥ 20000	42.1	52.1	53.6	54.4	55.2	55.2	55.6	55.6	55.6	56.1	56.1	56.1	56.1	56.1	56.2	56.7
≥ 18000	42.4	52.4	53.9	54.8	55.6	55.6	55.9	55.9	55.9	56.4	56.4	56.4	56.4	56.4	56.6	57.1
≥ 16000	42.4	52.7	54.1	55.0	55.8	55.8	56.1	56.1	56.1	56.7	56.7	56.7	56.7	56.7	56.8	57.2
≥ 14000	43.1	53.3	54.9	55.7	56.4	56.4	56.9	56.8	56.8	57.3	57.3	57.3	57.3	57.3	57.4	57.9
≥ 12000	44.3	55.3	56.8	57.7	58.4	58.4	58.9	58.8	58.8	59.3	59.3	59.3	59.3	59.3	59.4	59.9
≥ 10000	45.4	56.6	58.2	59.1	59.9	59.9	6 .3	6 .3	6 .3	6 .9	6 .9	6 .9	6 .9	6 .9	61.0	61.4
≥ 9000	46.0	57.8	59.4	60.4	61.2	61.2	61.7	61.7	61.7	62.2	62.2	62.2	62.2	62.2	62.3	62.8
≥ 8000	47.1	59.6	61.2	62.2	63.0	63.0	63.4	63.4	63.4	64.0	64.0	64.0	64.0	64.	64.1	64.6
≥ 7000	48.9	62.7	64.3	65.4	66.2	66.2	66.7	66.7	66.7	67.2	67.2	67.2	67.2	67.2	67.3	67.8
≥ 6000	50.1	64.3	66.1	67.4	68.2	68.2	68.7	68.7	68.7	69.2	69.2	69.2	69.2	69.2	69.3	69.8
≥ 5000	51.4	66.8	68.7	70.1	71.0	71.0	71.8	71.8	71.8	72.3	72.3	72.3	72.3	72.3	72.4	72.9
≥ 4500	53.1	69.6	71.7	73.4	74.3	74.3	75.1	75.4	75.4	76.0	76.0	76.0	76.0	76.0	76.1	76.6
≥ 4000	54.2	71.2	73.3	75.2	76.3	76.3	77.3	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.2	78.7
≥ 3500	55.9	73.8	75.9	78.1	79.2	79.2	80.3	80.6	80.6	81.1	81.1	81.1	81.1	81.1	81.2	81.7
≥ 3000	57.8	76.8	78.9	81.6	82.7	82.7	83.9	84.1	84.1	84.7	84.7	84.7	84.8	84.8	84.9	85.3
≥ 2500	59.1	79.0	81.2	84.0	85.3	85.3	86.8	87.0	87.1	87.7	87.7	87.7	87.8	87.8	87.9	88.3
≥ 2000	59.9	80.4	83.1	86.1	87.7	87.7	89.2	89.4	89.6	90.2	90.2	90.2	90.3	90.3	90.4	91.0
≥ 1800	60.1	81.0	83.7	86.7	88.2	88.2	89.8	90.0	90.1	90.8	90.8	90.8	90.9	90.9	91.0	91.4
≥ 1600	60.0	81.4	84.2	87.2	88.8	88.8	90.3	90.6	90.7	91.3	91.3	91.3	91.4	91.4	91.6	92.0
≥ 1400	60.3	82.7	85.4	88.8	90.4	90.4	92.0	92.2	92.3	93.1	93.1	93.1	93.2	93.2	93.3	93.8
≥ 1200	60.3	82.9	85.7	89.0	90.8	90.8	92.6	92.9	93.0	93.8	93.8	93.8	93.9	93.9	94.0	94.6
≥ 1000	60.3	83.2	86.1	89.7	91.4	91.4	93.2	93.7	93.8	94.6	94.6	94.6	94.7	94.7	94.8	95.4
≥ 900	60.3	83.2	86.1	89.8	91.7	91.7	93.4	93.9	94.0	95.1	95.1	95.1	95.2	95.2	95.3	95.8
≥ 800	60.3	83.2	86.1	89.9	91.8	91.8	93.6	94.1	94.2	95.3	95.3	95.3	95.4	95.4	95.6	96.1
≥ 700	60.3	83.3	86.2	90.2	92.1	92.1	94.2	94.8	94.9	96.0	96.0	96.0	96.1	96.1	96.2	96.7
≥ 600	60.3	83.4	86.4	90.7	92.6	92.7	94.9	95.4	95.6	96.8	96.8	96.8	96.9	96.9	97.	97.4
≥ 500	60.3	83.7	86.8	91.2	93.1	93.6	95.9	96.4	96.6	97.8	97.8	97.8	97.9	97.9	98.0	98.4
≥ 400	60.3	83.7	86.8	91.4	93.3	93.8	96.2	96.9	97.1	98.2	98.2	98.2	98.6	98.6	98.7	99.1
≥ 300	60.3	83.7	86.8	91.4	93.4	93.9	96.3	97.0	97.1	98.6	98.6	98.6	98.9	98.9	99.0	99.4
≥ 200	60.3	83.7	86.8	91.4	93.4	93.9	96.3	97.0	97.1	98.6	98.6	98.6	99.0	99.0	99.2	99.6
≥ 100	60.3	83.7	86.8	91.4	93.4	93.9	96.3	97.0	97.1	98.6	98.6	98.6	99.0	99.0	99.2	99.6
≥ 0	60.3	83.7	86.8	91.4	93.4	93.9	96.3	97.0	97.1	98.6	98.6	98.6	99.0	99.0	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS 920

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

[illegible] MCGHEE TYSON AIRPORT TN 73-8[illegible] NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE9	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE5	≥5 GE4	≥4 GE3	≥3 GE2	≥2 GE1	≥1 GE1/2	≥1/2 GE1/4	≥1/4 GE1/8	≥1/8 GE0	≥0 GE0	≥0 GE0	≥0 GE0
NO CEILING	34.3	44.8	46.3	47.3	47.7	47.9	48.4	48.4	48.4	48.7	48.7	48.7	48.9	48.9	49.4	50.1
≥ 20000	36.2	47.6	49.1	50.1	50.4	50.7	51.2	51.2	51.2	51.4	51.4	51.4	51.7	51.7	52.6	53.2
≥ 18000	36.6	47.9	49.4	50.4	50.8	51.0	51.6	51.6	51.6	51.8	51.8	51.8	52.0	52.[illegible]	52.9	53.6
≥ 14000	36.6	47.9	49.4	50.4	50.8	51.0	51.6	51.6	51.6	51.8	51.8	51.8	52.0	52.[illegible]	52.9	53.7
≥ 12000	37.6	49.[illegible]	50.6	51.6	51.9	52.1	52.7	52.7	52.7	52.9	52.9	52.9	53.1	53.1	54.[illegible]	54.9
≥ 10000	39.0	50.9	52.4	53.6	54.[illegible]	54.2	54.[illegible]	54.8	54.8	55.	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	56.1	56.9
≥ 9000	40.1	53.1	54.7	55.9	56.3	56.6	57.1	57.1	57.1	57.3	57.3	57.3	57.6	57.6	58.4	59.2
≥ 8000	40.7	54.9	56.4	57.8	58.2	58.4	59.[illegible]	59.0	59.[illegible]	59.2	59.[illegible]	59.2	59.4	59.4	60.[illegible]	61.1
≥ 7000	41.8	56.2	57.8	59.2	59.7	59.9	60.4	60.4	60.4	60.7	60.7	60.7	60.9	60.9	61.8	62.6
≥ 6500	43.6	58.9	60.6	62.4	62.9	63.1	63.7	63.7	63.9	64.0	64.0	64.0	64.2	64.2	65.1	65.9
≥ 6000	44.4	59.9	61.7	63.7	64.1	64.3	64.9	64.9	65.[illegible]	65.2	65.2	65.2	65.4	65.4	66.[illegible]	67.1
≥ 5000	46.8	62.8	64.8	66.8	67.7	67.9	68.4	68.4	68.[illegible]	68.9	68.9	68.9	69.1	69.1	7[illegible].[illegible]	7[illegible].8
≥ 4500	48.3	65.2	67.2	69.3	70.2	70.4	71.0	71.0	71.2	71.6	71.6	71.6	71.8	71.8	72.[illegible]	73.4
≥ 4000	49.[illegible]	66.2	68.2	71.1	72.0	72.2	72.8	72.9	73.1	73.4	73.4	73.4	73.7	73.[illegible]	74.6	75.3
≥ 3500	51.6	69.2	71.3	74.8	75.7	75.9	76.4	76.7	76.9	77.[illegible]	77.3	77.3	77.6	77.6	78.4	79.2
≥ 3000	52.7	71.2	73.4	77.2	78.2	78.4	79.[illegible]	79.2	79.4	79.9	79.9	79.9	80.1	80.1	81.[illegible]	81.8
≥ 2500	54.3	74.0	76.2	80.2	81.2	81.4	82.1	82.3	82.6	83.	83.[illegible]	83.[illegible]	83.2	83.2	84.1	84.9
≥ 2000	54.6	75.4	77.8	82.0	83.1	83.7	84.9	85.[illegible]	85.[illegible]	85.7	85.7	85.7	85.9	85.9	86.8	87.6
≥ 1800	54.7	75.8	78.1	82.4	83.6	84.1	85.2	85.4	85.7	86.1	86.1	86.1	86.3	86.3	87.2	88.[illegible]
≥ 1600	54.7	76.9	79.[illegible]	83.7	84.9	85.4	86.6	86.8	87.[illegible]	87.4	87.4	87.4	87.[illegible]	87.7	88.6	89.3
≥ 1400	55.1	78.4	81.1	85.4	86.8	87.3	88.6	88.8	89.[illegible]	89.4	89.4	89.4	89.[illegible]	[illegible].7	90.6	91.3
≥ 1200	55.4	79.1	81.8	86.1	87.4	88.0	89.3	89.9	90.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]	[illegible]	91.[illegible]	92.6
≥ 1000	55.4	79.3	82.0	86.7	88.1	88.7	90.2	90.8	91.0	91.6	91.6	91.6	91.8	[illegible]	92.[illegible]	93.4
≥ 900	55.4	79.3	82.[illegible]	86.7	88.1	88.7	90.2	90.8	91.0	91.6	91.6	91.6	91.8	91.8	92.[illegible]	93.4
≥ 800	55.6	79.7	82.3	87.1	88.6	89.2	90.8	91.3	91.6	92.1	92.1	92.1	92.3	92.3	93.[illegible]	94.[illegible]
≥ 700	55.6	79.8	82.4	87.6	89.1	89.8	91.3	91.9	92.1	92.7	92.7	92.7	92.9	92.9	[illegible]	94.6
≥ 600	55.6	80.2	82.9	88.0	89.7	90.3	92.[illegible]	92.6	92.8	93.3	93.3	93.3	93.6	93.6	94.4	95.2
≥ 500	55.6	80.2	83.2	88.6	90.2	90.9	92.7	93.4	93.7	94.3	94.3	94.3	94.7	94.7	95.6	96.3
≥ 400	55.6	80.3	83.3	88.9	90.6	91.2	93.1	94.0	94.2	95.4	95.4	95.4	95.9	95.9	96.8	97.6
≥ 300	55.6	80.3	83.3	88.9	90.6	91.2	93.3	94.4	94.7	96.1	96.1	96.1	96.7	96.7	97.8	98.6
≥ 200	55.6	80.3	83.3	88.9	90.6	91.2	93.4	94.6	94.8	96.2	96.2	96.2	97.0	97.0	98.1	99.2
0	55.6	80.3	83.3	88.9	90.6	91.2	93.4	94.6	94.8	96.4	96.4	96.4	97.2	97.2	98.[illegible]	[illegible].0

TOTAL NUMBER OF OBSERVATIONS 902

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-80 YEARS | [illegible] MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] PERIOD OF DATA

CEILING (FEET)	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE3	≥2 GE2½	≥1½ GE2	≥1 GE1½	¾ GE1	½ GE¾	¼ GE½	0 GE¼	[illegible]	[illegible]	[illegible]
NO CEILING	38.7	39.0	40.0	42.4	42.8	43.1	44.7	44.6	44.6	45.7	45.7	45.7	45.9	45.9	45.7	47.1
25000	37.0	42.0	43.0	45.7	46.0	46.3	47.3	47.9	47.9	49.1	49.2	49.2	49.6	49.6	51.1	52.2
20000	33.0	42.0	43.0	45.7	46.0	46.3	47.3	47.9	47.9	49.1	49.2	49.2	49.6	49.6	51.1	52.2
18000	33.0	42.0	43.0	45.7	46.0	46.3	47.3	47.9	47.9	49.1	49.2	49.2	49.6	49.6	51.1	52.2
16000	34.2	43.3	44.3	47.0	47.3	47.7	48.7	49.2	49.2	50.4	50.6	50.6	50.9	50.9	51.4	52.7
14000	35.8	45.8	46.8	49.4	49.8	50.1	51.1	51.7	51.7	52.9	53.1	53.2	53.3	53.3	54.1	54.9
12000	36.7	46.9	47.9	50.7	51.0	51.3	52.3	52.9	52.9	54.1	54.2	54.2	54.6	54.6	55.3	56.1
10000	37.1	48.2	49.2	52.1	52.4	52.8	53.8	54.3	54.3	55.6	55.7	55.7	56.1	56.1	56.8	57.6
9000	38.3	49.8	50.9	53.9	54.2	54.6	55.6	56.1	56.1	57.4	57.6	57.6	58.0	58.0	58.8	59.6
8000	40.2	52.3	53.6	56.9	57.4	57.8	58.8	59.3	59.3	60.7	60.8	60.8	61.2	61.2	62.1	62.9
7000	41.4	54.6	55.9	59.4	60.0	60.3	61.6	62.2	62.2	63.6	63.7	63.7	64.1	64.1	65.0	65.8
6000	43.7	57.4	58.9	62.7	63.7	64.2	65.2	66.0	66.0	67.3	67.4	67.4	67.9	67.9	68.9	69.7
5000	45.4	60.1	61.7	65.8	67.0	67.3	68.9	69.7	69.9	71.1	71.3	71.3	71.8	71.8	72.8	73.6
4500	45.8	61.0	62.7	67.0	68.2	68.6	70.2	71.0	71.1	72.4	72.7	72.7	73.1	73.1	74.1	74.9
4000	47.2	62.8	64.6	69.1	70.4	70.8	72.6	73.3	73.4	74.8	75.0	75.0	75.4	75.4	76.4	77.2
3500	49.3	65.6	67.6	72.4	73.8	74.1	75.9	76.7	76.8	76.2	78.4	78.4	78.9	78.9	79.9	80.7
3000	51.3	67.9	70.0	75.3	76.7	77.0	78.8	79.6	79.7	81.2	81.4	81.4	81.9	81.9	82.9	83.7
2500	52.2	70.1	72.2	77.6	79.0	79.6	81.4	82.2	82.3	83.9	84.1	84.1	84.6	84.6	85.6	86.3
2000	52.3	70.6	72.7	78.0	79.6	80.1	82.1	82.9	83.0	84.7	84.9	84.9	85.3	85.3	86.3	87.1
1800	52.7	71.2	73.3	78.7	80.2	80.9	83.0	83.8	83.9	85.7	86.1	86.1	86.6	86.6	87.6	88.3
1600	53.0	72.6	74.8	80.1	81.7	82.3	84.6	85.4	85.6	87.4	87.9	87.9	88.3	88.3	89.3	90.1
1400	53.0	73.1	75.3	80.8	82.3	83.0	85.2	86.1	86.2	88.2	88.7	88.7	89.1	89.1	90.1	91.0
1200	53.3	73.9	76.1	81.6	83.1	83.8	86.0	86.9	87.0	89.0	89.4	89.4	89.9	89.9	90.9	91.7
1000	53.3	74.1	76.3	82.2	83.8	84.4	86.7	87.6	87.7	89.7	90.1	90.1	90.6	90.6	91.5	92.3
900	53.3	74.3	76.6	82.7	84.2	85.0	87.3	88.2	88.3	90.4	90.9	90.9	91.3	91.3	92.3	93.1
800	53.3	74.3	76.6	82.9	84.4	85.4	87.8	88.8	88.9	91.1	91.6	91.6	92.0	92.0	93.0	93.8
700	53.3	74.7	76.9	83.4	85.0	86.0	88.4	89.7	89.9	92.1	92.6	92.6	93.0	93.0	94.0	94.9
600	53.3	75.0	77.2	83.9	85.8	86.8	89.4	90.7	90.8	93.3	93.8	93.8	94.2	94.2	95.3	96.3
500	53.3	75.1	77.4	84.1	86.0	87.0	89.7	90.9	91.0	94.0	94.4	94.4	95.1	95.1	96.4	97.7
400	53.3	75.1	77.4	84.1	86.0	87.0	89.8	91.0	91.1	94.2	94.8	94.8	95.7	95.7	97.2	98.6
300	53.3	75.1	77.4	84.1	86.0	87.0	89.8	91.2	91.3	94.6	95.2	95.2	96.1	96.1	98.0	99.6
200	53.3	75.1	77.4	84.1	86.0	87.0	89.8	91.3	91.4	94.8	95.4	95.4	96.3	96.3	98.2	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-87 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥2 GE2½	≥2 GE2	≥1½ GE1¾	≥1 GE1½	≥1 GE1	≥¾ GE⅞	≥½ GE⅝	≥¼ GE⅜	≥0 GE¼
NO CEILING	30.6	36.7	39.7	41.5	42.9	43.3	43.8	43.9	43.9	44.4	44.4	44.4	44.6	44.6	44.7	44.8
20000	33.3	40.7	43.5	46.1	47.6	47.9	48.7	48.8	48.8	49.3	49.3	49.3	49.5	49.5	49.6	49.8
8000	33.3	40.7	43.5	46.1	47.6	47.9	48.7	48.8	48.8	49.3	49.3	49.3	49.5	49.5	49.6	49.8
6000	33.3	40.7	43.5	46.1	47.6	47.9	48.7	48.8	48.8	49.4	49.4	49.4	49.6	49.6	49.7	49.9
4000	33.8	41.5	44.3	46.8	48.4	48.7	49.5	49.6	49.6	50.3	50.3	50.3	50.5	50.5	50.6	50.8
3000	35.0	43.3	46.5	49.2	50.7	51.1	51.8	51.9	51.9	52.6	52.6	52.6	52.8	52.8	52.9	53.2
2500	36.3	45.5	48.7	51.9	53.5	53.8	54.6	54.8	54.8	55.5	55.5	55.5	55.7	55.7	55.8	56.3
2000	37.4	47.1	50.3	53.9	55.5	55.8	56.6	56.8	56.8	57.5	57.5	57.5	57.7	57.7	57.8	58.3
1800	38.9	48.7	51.9	55.7	57.4	57.7	58.5	58.7	58.7	59.6	59.6	59.6	59.8	59.8	60.0	60.4
1500	39.7	49.9	53.3	57.1	58.7	59.3	60.2	60.4	60.4	61.3	61.3	61.3	61.5	61.5	61.6	62.1
1200	41.7	52.7	56.2	60.0	61.7	62.3	63.3	63.5	63.5	64.4	64.4	64.4	64.6	64.6	64.7	65.2
1000	44.2	56.5	61.0	65.0	67.1	67.7	68.7	69.2	69.2	70.1	70.1	70.1	70.3	70.3	70.4	71.0
900	45.5	58.4	63.0	67.2	69.4	70.2	71.2	71.6	71.6	72.6	72.6	72.6	73.0	73.0	73.1	73.5
800	46.1	59.5	64.2	68.5	70.9	71.6	72.6	73.1	73.1	74.1	74.1	74.1	74.5	74.5	74.6	75.1
700	46.8	60.6	65.5	70.0	72.3	73.3	74.4	74.9	74.9	75.9	75.9	75.9	76.3	76.3	76.4	76.9
600	48.1	62.3	67.3	71.9	74.3	75.5	76.6	77.4	77.4	78.8	78.8	78.8	79.2	79.2	79.3	79.8
500	50.1	64.6	70.0	74.9	77.4	78.9	80.2	80.8	80.8	82.1	82.1	82.1	82.5	82.5	82.6	83.1
400	50.9	66.2	71.5	76.5	79.1	80.8	82.0	83.1	83.1	84.8	84.8	84.8	85.2	85.2	85.3	85.8
300	51.3	66.7	72.1	77.1	79.6	81.3	82.5	83.8	83.8	85.5	85.5	85.5	86.0	86.0	86.1	86.5
250	51.3	68.4	74.0	79.1	81.9	83.5	84.8	86.0	86.0	87.9	87.9	87.9	88.3	88.3	88.4	88.9
200	52.3	69.4	75.1	80.3	83.1	84.8	86.1	87.4	87.4	89.4	89.4	89.4	89.9	89.9	90.0	90.4
150	52.3	70.0	75.9	81.3	84.2	85.9	87.3	88.8	88.8	90.9	90.9	90.9	91.3	91.3	91.4	91.9
100	52.4	70.1	76.0	81.5	84.5	86.3	87.8	89.2	89.2	91.4	91.4	91.4	91.9	91.9	92.0	92.4
050	52.4	70.1	76.1	82.1	85.2	87.1	88.8	90.2	90.2	92.4	92.4	92.4	92.9	92.9	93.0	93.4
030	52.4	70.4	76.4	82.6	86.0	88.0	89.8	91.2	91.2	93.4	93.4	93.4	94.0	94.0	94.1	94.5
020	52.6	70.6	76.6	83.0	86.3	88.4	90.5	92.0	92.0	94.3	94.3	94.3	94.9	94.9	95.0	95.4
010	52.6	70.7	76.8	83.4	87.0	89.1	91.3	92.8	92.8	95.2	95.2	95.2	95.9	95.9	96.0	96.6
009	52.6	70.9	77.0	83.8	87.4	89.8	92.2	93.8	93.8	96.2	96.3	96.3	97.1	97.1	97.2	97.8
008	52.6	70.9	77.0	83.9	87.5	90.0	92.4	94.0	94.0	96.6	96.9	96.9	97.7	97.7	98.0	98.6
007	52.6	70.9	77.0	83.9	87.5	90.1	92.7	94.4	94.4	97.3	97.9	97.9	98.7	98.7	99.0	99.6
006	52.6	70.9	77.0	83.9	87.5	90.1	92.7	94.5	94.5	97.4	98.1	98.1	98.9	98.9	99.2	99.9
005	52.6	70.9	77.0	83.9	87.5	90.1	92.7	94.5	94.5	97.4	98.1	98.1	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-80 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9.7)	≥5 (≥8.0)	≥4 (≥6.4)	≥3 (≥4.8)	≥2½ (≥4.0)	≥2 (≥3.2)	≥1¾ (≥2.8)	≥1½ (≥2.4)	≥1¼ (≥2.0)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥0.8)	≥5/16 (≥0.5)	≥¼ (≥0.4)	≥0 (0.0)
NO CEILING	37.9	42.2	44.2	44.8	45.1	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	43.6	51.1	52.3	52.9	53.2	53.3	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	43.7	51.2	52.4	53.1	53.3	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 16000	43.8	51.3	52.5	53.2	53.4	53.5	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	44.2	50.6	52.9	53.5	53.7	53.8	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 12000	45.7	52.7	54.9	55.6	55.8	56.0	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	46.6	53.9	56.4	57.2	57.4	57.5	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 9000	47.5	55.4	58.0	58.7	59.0	59.1	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 8000	48.5	56.7	59.5	61.3	60.5	60.6	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 7000	50.4	58.7	61.5	62.3	62.6	62.7	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 6000	51.7	60.2	63.1	64.0	64.3	64.4	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 5000	54.2	63.6	66.4	67.7	68.1	68.2	68.9	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4500	56.6	67.1	70.2	71.9	72.2	72.4	73.3	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	57.8	68.9	72.1	73.9	74.3	74.6	75.5	75.6	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	59.5	70.9	74.1	75.9	76.3	76.6	77.6	78.0	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3000	61.8	74.6	77.9	79.9	80.4	80.8	82.0	82.3	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500	63.6	77.5	80.9	82.9	83.4	83.9	85.2	85.5	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	65.0	78.6	82.1	84.3	85.0	85.5	87.0	87.3	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1800	65.2	79.1	82.5	84.8	85.4	86.1	87.5	87.9	88.1	88.7	88.8	88.8	88.9	88.9	88.9	88.9
≥ 1500	66.2	81.0	84.5	86.6	87.5	88.2	89.8	90.1	90.3	91.0	91.3	91.3	91.4	91.4	91.4	91.4
≥ 1200	66.4	82.0	85.8	88.3	89.2	89.9	91.4	92.0	92.2	92.9	93.2	93.2	93.4	93.4	93.4	93.4
≥ 1000	66.4	82.3	86.1	88.7	89.7	90.3	91.9	92.4	92.7	93.4	93.8	93.8	94.0	94.0	94.0	94.0
≥ 900	66.7	83.0	86.8	89.4	90.7	91.3	92.9	93.4	93.7	94.4	94.8	94.8	95.0	95.0	95.0	95.0
≥ 800	66.7	83.0	86.9	89.7	90.9	91.5	93.2	93.6	94.0	94.8	95.1	95.1	95.3	95.3	95.3	95.3
≥ 700	66.7	83.2	87.1	90.1	91.3	92.0	94.1	94.7	94.9	95.7	96.0	96.0	96.2	96.2	96.2	96.2
≥ 600	66.7	83.2	87.3	90.5	91.8	92.5	94.7	95.2	95.4	96.2	96.7	96.7	96.9	96.9	96.9	96.9
≥ 500	66.7	83.2	87.3	90.8	92.1	93.0	95.3	95.9	96.1	96.9	97.4	97.4	97.7	97.7	97.7	97.7
≥ 400	66.7	83.2	87.5	91.2	92.7	93.9	96.4	97.2	97.4	98.3	98.9	98.9	99.1	99.1	99.1	99.1
≥ 300	66.7	83.2	87.5	91.2	92.8	94.0	96.7	97.7	97.9	98.8	99.3	99.3	99.6	99.6	99.6	99.6
≥ 200	66.7	83.2	87.5	91.2	92.8	94.0	96.7	97.8	98.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8
≥ 100	66.7	83.2	87.5	91.2	92.8	94.0	96.8	97.9	98.1	99.2	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	66.7	83.2	87.5	91.2	92.8	94.0	96.8	97.9	98.1	99.2	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326? (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-8? (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9?	≥6 GE9?	≥5 GE8?	≥4 GE6?	≥3 GE4?	≥2 GE4?	≥2 GE3?	≥1 GE2?	≥1 GE2?	≥1 GE1?	≥1 GE1?	≥1 GE1?	≥ GE?	≥5/16 GE?5	≥ GE?4	≥0 GE?
NO CEILING	43.2	47.4	48.?	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
≥ 20000	5?.9	56.3	56.9	57.1	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	5?.9	56.3	56.9	57.1	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	51.1	56.7	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	52.1	57.7	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	54.0	59.7	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 11000	54.3	60.3	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 10000	54.9	61.0	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 9000	56.?	62.4	63.3	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	57.4	64.6	65.4	65.7	65.7	65.7	66.?	66.?	66.?	66.?	66.?	66.?	66.?	66.?	66.?	66.?
≥ 7000	59.9	67.7	68.6	68.8	68.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	63.?	71.1	72.2	72.8	72.8	72.9	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	65.7	74.1	75.3	76.0	76.1	76.3	76.9	76.9	76.9	77.0	77.?	77.?	77.?	77.?	77.?	77.?
≥ 4500	66.8	75.6	76.9	77.7	77.8	78.0	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	68.4	78.4	79.8	8?.7	8?.9	81.1	82.1	82.1	82.?	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	70.2	81.1	82.4	83.3	83.6	83.8	84.?	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	71.8	83.2	84.6	85.4	85.7	85.9	87.?	87.?	87.?	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	72.4	84.3	85.9	86.8	87.1	87.3	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	72.8	85.?	86.6	87.6	87.9	88.1	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	72.9	86.1	87.8	88.8	89.2	89.4	9?.7	90.9	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	73.2	87.3	89.1	9?.1	90.7	90.9	92.1	92.3	92.3	92.4	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	73.4	87.7	89.7	90.7	91.2	91.4	92.8	93.0	93.?	93.1	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	73.6	87.9	90.1	91.1	91.7	91.9	93.4	93.7	93.7	93.8	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	73.6	88.?	90.2	91.2	92.?	92.2	93.8	94.1	94.1	94.2	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	73.6	88.?	90.2	91.2	92.1	92.4	94.?	94.6	94.6	94.8	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	73.6	88.0	90.2	91.6	92.4	92.9	94.4	95.1	95.2	95.4	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	73.6	88.0	90.2	91.7	92.6	93.1	94.9	95.7	95.8	96.?	96.8	96.8	97.?	97.?	97.?	97.?
≥ 500	73.6	88.0	90.2	91.9	92.8	93.6	95.7	97.0	97.2	97.6	98.3	98.3	98.6	98.6	98.6	98.6
≥ 400	73.6	88.?	90.2	91.9	92.8	93.7	95.9	97.4	97.7	98.4	99.2	99.2	99.4	99.4	99.6	99.6
≥ 300	73.6	88.0	90.2	91.9	92.8	93.7	96.?	97.6	97.8	98.7	99.4	99.4	99.7	99.7	99.8	99.8
≥ 200	73.6	88.0	90.2	91.9	92.8	93.7	96.?	97.6	97.8	98.7	99.4	99.4	99.9	99.9	100.0	100.0
≥ 100	73.6	88.0	90.2	91.9	92.8	93.7	96.?	97.6	97.8	98.7	99.4	99.4	99.9	99.9	100.0	100.0
0	73.6	88.0	90.2	91.9	92.8	93.7	96.?	97.6	97.8	98.7	99.4	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18.0-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.0	≥6 GE9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2. GE4.0	≥2 GE3.2	≥1. GE2.4	≥1. GE2.0	≥1 GE1.6	≥. GE1.2	≥. GE1.0	≥ GE0.8	≥5/16 GE0.5	≥. GE0.4	≥0 GE0.0
NO CEILING	49.3	50.7	50.7	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 20000	50.7	56.8	56.9	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6
≥ 18000	50.7	56.9	57.0	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7
≥ 16000	50.6	57.3	57.4	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
≥ 14000	51.7	58.2	58.3	58.6	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1
≥ 12000	55.6	62.1	62.2	62.4	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0
≥ 10000	56.0	62.6	63.0	63.2	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥ 9000	57.0	64.0	64.4	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4
≥ 8000	58.1	65.3	65.8	66.2	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
≥ 7000	60.2	68.3	68.9	69.3	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 6000	61.4	70.3	70.9	71.3	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
≥ 5000	63.8	74.2	74.9	75.6	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 4500	65.2	76.0	76.8	77.4	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
≥ 4000	66.3	77.2	78.1	78.8	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 3500	67.9	79.9	80.9	81.7	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 3000	69.1	82.8	84.1	84.9	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 2500	70.0	84.8	86.2	87.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6
≥ 2000	70.6	85.9	87.3	88.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 1800	70.8	86.7	88.1	89.1	90.2	90.3	90.9	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 1500	70.8	87.0	88.4	89.4	90.6	90.7	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 1200	70.9	87.4	89.0	90.1	91.4	91.6	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 1000	70.9	87.8	89.3	90.7	92.1	92.2	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 900	70.9	88.0	89.7	91.2	92.7	92.8	93.4	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 800	70.9	88.0	89.8	91.4	93.0	93.1	93.8	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 700	70.9	88.2	90.0	92.0	93.6	93.7	94.3	94.4	94.4	94.9	95.0	95.0	95.1	95.1	95.1	95.1
≥ 600	70.9	88.2	90.1	92.6	94.1	94.2	95.0	95.6	95.6	96.0	96.1	96.1	96.2	96.2	96.2	96.2
≥ 500	70.9	88.2	90.2	92.7	94.2	94.3	95.2	95.8	95.9	96.3	96.4	96.4	96.7	96.7	96.7	96.7
≥ 400	70.9	88.3	90.3	92.8	94.3	94.4	95.4	96.6	97.0	97.7	97.9	97.9	98.1	98.1	98.1	98.1
≥ 300	70.9	88.3	90.3	92.8	94.3	94.6	96.0	97.2	97.7	98.8	99.2	99.2	99.4	99.4	99.4	99.4
≥ 200	70.9	88.3	90.3	92.9	94.4	94.7	96.2	97.6	98.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	70.9	88.3	90.3	92.9	94.4	94.7	96.2	97.6	98.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	70.9	88.3	90.3	92.9	94.4	94.7	96.2	97.6	98.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326? (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-87 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥1 GE2	≥1 GE2	≥1 GE1	≥1 GE1	≥1 GE1	≥ GE	≥5/16 GE	≥ GE	≥0 GE
NO CEILING	45.8	52.5	53.1	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8
≥ 20000	49.2	56.7	57.4	57.7	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.6	58.6
≥ 18000	49.2	56.9	57.5	57.9	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.8	58.8
≥ 16000	49.3	57.3	58.1	58.4	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.3	59.3
≥ 14000	50.5	58.8	59.6	60.0	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.9	60.9
≥ 12000	52.5	61.2	62.1	62.4	63.0	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.7	63.7
≥ 10000	53.7	62.8	63.8	64.1	64.7	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.6	65.6
≥ 9000	55.0	64.1	65.1	65.6	66.1	66.4	66.7	66.7	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0
≥ 8000	55.7	65.6	66.6	67.0	67.6	67.9	68.1	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.5	68.5
≥ 7000	56.9	67.1	68.1	68.6	69.1	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	70.0	70.0
≥ 6000	58.2	69.2	70.2	70.7	71.2	71.6	71.8	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.1	72.1
≥ 5000	59.4	71.3	72.6	73.2	73.8	74.1	74.4	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.8	74.8
≥ 4500	60.4	73.1	74.5	75.5	76.0	76.4	76.6	76.7	76.7	76.9	77.0	77.0	77.1	77.1	77.3	77.3
≥ 4000	61.3	74.4	75.7	76.8	77.4	77.9	78.1	78.3	78.3	78.5	78.6	78.6	78.7	78.7	78.8	78.8
≥ 3500	62.4	76.4	77.8	79.0	79.6	80.2	80.4	80.5	80.5	80.7	80.8	80.8	80.9	80.9	81.0	81.0
≥ 3000	63.8	78.4	80.3	82.1	82.6	83.2	83.5	83.6	83.6	83.8	83.9	83.9	84.1	84.1	84.2	84.2
≥ 2500	65.1	81.3	83.4	85.8	86.4	87.0	87.3	87.4	87.4	87.6	87.8	87.8	88.0	88.0	88.1	88.1
≥ 2000	65.8	82.5	85.1	87.8	88.5	89.1	89.6	89.7	89.7	90.0	90.2	90.2	90.3	90.3	90.4	90.4
≥ 1800	65.9	82.9	85.5	88.3	89.0	89.5	90.1	90.2	90.2	90.4	90.6	90.6	90.7	90.7	90.9	90.9
≥ 1500	66.2	83.3	85.8	88.6	89.3	89.9	90.4	90.5	90.5	90.7	91.0	91.0	91.1	91.1	91.2	91.2
≥ 1200	66.3	84.6	87.3	90.2	90.9	91.5	92.1	92.2	92.2	92.5	92.8	92.8	92.9	92.9	93.0	93.0
≥ 1000	66.3	84.9	87.6	90.6	91.4	92.1	92.6	92.9	92.9	93.2	93.4	93.4	93.5	93.5	93.6	93.6
≥ 900	66.3	85.5	88.4	91.6	92.5	93.2	93.8	94.0	94.0	94.5	94.8	94.8	94.9	94.9	95.0	95.0
≥ 800	66.3	85.7	88.6	92.1	93.0	93.6	94.2	94.8	94.8	95.5	95.8	95.8	95.9	95.9	96.0	96.0
≥ 700	66.4	86.3	89.3	93.1	94.0	94.6	95.2	95.8	95.8	96.5	96.8	96.8	96.9	96.9	97.0	97.0
≥ 600	66.4	86.4	89.4	93.3	94.2	94.9	95.7	96.3	96.3	97.1	97.3	97.3	97.4	97.4	97.5	97.5
≥ 500	66.4	86.4	89.4	93.5	94.5	95.2	96.0	96.7	96.7	97.5	97.8	97.8	97.9	97.9	98.0	98.0
≥ 400	66.4	86.4	89.6	93.8	94.8	95.4	96.3	97.0	97.1	98.1	98.3	98.3	98.4	98.4	98.7	98.7
≥ 300	66.4	86.4	89.7	93.9	95.2	95.9	96.8	97.5	97.7	99.0	99.2	99.2	99.4	99.4	99.7	99.7
≥ 200	66.4	86.4	89.7	93.9	95.2	95.9	96.8	97.5	97.7	99.2	99.4	99.4	99.7	99.7	99.9	99.9
≥ 100	66.4	86.4	89.7	93.9	95.2	95.9	96.8	97.5	97.7	99.2	99.4	99.4	99.7	99.7	99.9	100.0
≥ 0	66.4	86.4	89.7	93.9	95.2	95.9	96.8	97.5	97.7	99.2	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE	≥5/16 GE	≥¼ GE	≥0 GE
NO CEILING	38.5	45.3	46.5	47.5	48.0	48.1	48.5	48.5	48.5	48.8	48.8	48.8	48.9	48.9	49.1	49.3
≥ 20000	42.4	50.3	51.5	52.6	53.2	53.3	53.7	53.7	53.8	54.1	54.1	54.1	54.2	54.2	54.4	54.7
≥ 18000	42.5	50.4	51.7	52.8	53.3	53.4	53.8	53.9	53.9	54.2	54.2	54.2	54.3	54.3	54.6	54.8
≥ 16000	42.5	50.6	51.9	53.0	53.5	53.6	54.0	54.1	54.1	54.4	54.4	54.4	54.6	54.6	54.8	55.1
≥ 14000	43.4	51.5	52.9	53.9	54.5	54.6	55.1	55.1	55.1	55.4	55.4	55.4	55.6	55.6	55.8	56.1
≥ 12000	45.2	53.9	55.2	56.3	56.9	57.0	57.4	57.5	57.5	57.9	57.9	57.9	58.0	58.0	58.3	58.5
≥ 10000	46.1	55.2	56.7	57.9	58.4	58.6	59.0	59.1	59.2	59.5	59.5	59.5	59.6	59.6	59.9	60.2
≥ 9000	46.9	56.6	58.1	59.4	60.0	60.1	60.6	60.7	60.7	61.1	61.1	61.1	61.2	61.2	61.4	61.8
≥ 8000	48.1	58.0	59.6	61.0	61.6	61.7	62.2	62.3	62.3	62.7	62.7	62.7	62.9	62.9	63.1	63.4
≥ 7000	49.6	60.3	62.1	63.5	64.1	64.3	64.8	64.9	64.9	65.3	65.3	65.3	65.4	65.4	65.7	66.0
≥ 6000	51.1	62.4	64.1	65.7	66.3	66.5	67.1	67.2	67.2	67.6	67.6	67.6	67.7	67.7	68.0	68.3
≥ 5000	53.3	65.5	67.4	69.2	70.0	70.3	70.9	71.1	71.1	71.5	71.5	71.5	71.7	71.7	72.0	72.3
≥ 4500	55.0	67.9	70.0	72.1	72.9	73.2	73.9	74.1	74.2	74.6	74.7	74.7	74.8	74.8	75.1	75.4
≥ 4000	55.9	69.2	71.4	73.6	74.6	74.9	75.6	75.9	75.9	76.4	76.4	76.4	76.6	76.6	76.9	77.2
≥ 3500	57.5	71.5	73.7	76.2	77.1	77.5	78.3	78.6	78.7	79.1	79.2	79.2	79.4	79.4	79.6	79.9
≥ 3000	59.1	74.1	76.5	79.2	80.2	80.5	81.4	81.8	81.8	82.4	82.4	82.4	82.6	82.6	82.9	83.2
≥ 2500	60.7	76.5	79.1	82.0	83.0	83.5	84.4	84.8	84.8	85.4	85.5	85.5	85.6	85.6	85.9	86.2
≥ 2000	61.4	77.9	80.6	83.7	84.9	85.4	86.5	86.9	87.0	87.6	87.7	87.7	87.9	87.9	88.1	88.5
≥ 1800	61.6	78.5	81.2	84.2	85.4	86.0	87.2	87.5	87.6	88.3	88.4	88.4	88.6	88.6	88.9	89.2
≥ 1500	61.9	79.4	82.2	85.3	86.5	87.1	88.3	88.7	88.8	89.5	89.7	89.7	89.9	89.9	90.2	90.5
≥ 1200	62.2	80.6	83.4	86.7	88.0	88.6	89.9	90.3	90.4	91.2	91.4	91.4	91.6	91.6	91.9	92.2
≥ 1000	62.3	81.0	83.9	87.2	88.6	89.2	90.6	91.1	91.2	92.0	92.2	92.2	92.4	92.4	92.7	93.0
≥ 900	62.4	81.4	84.4	87.9	89.3	89.9	91.3	91.9	92.0	92.9	93.1	93.1	93.3	93.3	93.6	93.9
≥ 800	62.4	81.4	84.5	88.1	89.7	90.3	91.9	92.4	92.4	93.4	93.6	93.6	93.8	93.8	94.1	94.4
≥ 700	62.4	81.7	84.8	88.6	90.2	90.8	92.4	93.0	93.1	94.1	94.4	94.4	94.6	94.6	94.9	95.2
≥ 600	62.4	81.7	84.9	89.0	90.6	91.3	93.1	93.7	93.8	94.9	95.1	95.1	95.3	95.3	95.6	95.9
≥ 500	62.4	81.9	85.0	89.3	91.0	91.7	93.5	94.3	94.4	95.5	95.8	95.8	96.1	96.1	96.3	96.7
≥ 400	62.4	82.0	85.2	89.6	91.4	92.3	94.3	95.3	95.4	96.7	97.0	97.0	97.3	97.3	97.6	97.9
≥ 300	62.4	82.0	85.3	89.8	91.6	92.5	94.6	95.7	95.9	97.4	97.7	97.7	98.1	98.1	98.5	98.9
≥ 200	62.4	82.0	85.3	89.8	91.6	92.6	94.7	95.9	96.1	97.8	98.2	98.2	98.6	98.6	99.1	99.4
≥ 100	62.4	82.0	85.3	89.8	91.6	92.6	94.7	96.0	96.2	97.9	98.3	98.3	98.8	98.8	99.3	99.8
≥ 0	62.4	82.0	85.3	89.8	91.6	92.6	94.7	96.0	96.2	98.0	98.4	98.4	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7195

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726? (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-8? (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-2300 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9[illegible]	≥6 EQ90	≥5 GE8[illegible]	≥4 GE6[illegible]	≥3 GE48	≥2 GE4[illegible]	≥2 GE3[illegible]	≥1 GE24	≥1 GE2[illegible]	≥1 GE16	≥1 GE1[illegible]	≥1 GE10	≥ GE08	≥5/16 GE05	≥ GE04	≥0 GE[illegible]
NO CEILING	41.3	44.9	44.9	45.7	45.9	46.[illegible]	46.[illegible]	46.0	46.[illegible]	46.1	46.1	46.1	46.1	46.1	46.1	46.3
≥ 20000	43.2	47.3	47.3	48.3	48.5	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.8	49.1
≥ 18000	43.2	47.3	47.3	48.3	48.5	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.8	49.1
≥ 16000	43.2	47.3	47.3	48.3	48.5	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.8	49.1
≥ 14000	43.7	47.7	47.7	48.7	48.9	49.[illegible]	49.[illegible]	49.0	49.[illegible]	49.1	49.1	49.1	49.2	49.2	49.2	49.6
≥ 12000	45.4	49.8	49.8	5[illegible].8	51.[illegible]	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.6
≥ 10000	46.2	50.8	50.8	51.7	51.9	52.0	52.[illegible]	52.[illegible]	52.[illegible]	52.2	52.3	52.3	52.4	52.4	52.4	52.7
≥ 9000	47.2	52.3	52.3	53.2	53.4	53.5	53.5	53.7	53.7	53.8	53.9	53.9	54.[illegible]	54.[illegible]	54.[illegible]	54.3
≥ 8000	48.1	53.4	53.4	54.4	54.6	54.7	54.7	54.8	54.8	54.9	55.1	55.1	55.3	55.3	55.4	55.7
≥ 7000	49.7	55.2	55.2	56.1	56.3	56.5	56.5	56.6	56.6	56.7	56.9	56.9	57.1	57.1	57.2	57.5
≥ 6000	50.8	56.8	56.8	57.7	58.[illegible]	58.1	58.1	58.2	58.2	58.3	58.5	58.5	58.7	58.7	58.8	59.1
≥ 5000	54.4	61.4	61.4	62.5	62.7	62.8	62.8	62.9	62.9	63.[illegible]	63.2	63.2	63.4	63.4	63.5	63.9
≥ 4500	57.2	65.3	65.5	66.6	66.8	66.9	67.1	67.2	67.2	67.5	67.7	67.7	68.[illegible]	68.[illegible]	68.1	66.4
≥ 4000	58.5	66.9	67.1	68.4	68.6	68.7	68.9	69.0	69.[illegible]	69.4	69.6	69.6	69.8	69.8	69.9	7[illegible].2
≥ 3500	60.8	70.0	70.5	72.0	72.4	72.5	72.7	72.8	72.8	73.1	73.3	73.3	73.5	73.5	73.7	74.0
≥ 3000	63.0	72.9	73.5	75.5	75.8	75.9	76.2	76.3	76.3	76.7	76.9	76.9	77.1	77.1	77.2	77.5
≥ 2500	66.0	77.8	78.5	80.5	81.0	81.1	81.6	81.7	81.7	82.2	82.4	82.4	82.6	82.6	82.7	83.[illegible]
≥ 2000	68.0	81.3	82.0	84.2	84.7	84.8	85.4	85.5	85.5	85.9	86.1	86.1	86.3	86.3	86.5	86.8
≥ 1800	68.4	82.4	83.1	85.4	85.9	86.0	86.6	86.7	86.7	87.1	87.3	87.3	87.5	87.5	87.6	88.[illegible]
≥ 1500	68.9	83.4	84.4	86.9	87.4	87.5	88.2	88.3	88.3	89.[illegible]	89.2	89.2	89.5	89.5	89.6	89.9
≥ 1200	69.4	84.8	85.8	88.4	89.[illegible]	89.1	89.8	89.9	89.9	90.8	91.[illegible]	91.[illegible]	91.3	91.3	91.5	91.8
≥ 1000	69.4	84.8	85.8	88.6	89.2	89.4	90.1	90.3	90.3	91.2	91.4	91.4	91.7	91.7	91.9	92.3
≥ 900	69.5	85.1	86.3	89.2	89.9	90.0	90.8	91.1	91.1	91.9	92.2	92.2	92.5	92.5	92.7	93.[illegible]
≥ 800	69.5	85.2	86.6	89.5	90.1	90.2	91.0	91.3	91.3	92.2	92.4	92.4	92.7	92.7	92.9	93.2
≥ 700	69.5	85.3	86.9	9[illegible].6	91.3	91.4	92.3	92.6	92.6	93.5	93.8	93.8	94.1	94.1	94.3	94.6
≥ 600	69.5	85.5	87.1	90.9	91.5	91.6	92.5	92.8	92.8	93.8	94.[illegible]	94.[illegible]	94.3	94.3	94.5	94.8
≥ 500	69.5	85.6	87.2	91.0	91.6	91.9	92.8	93.4	93.5	94.9	95.2	95.2	95.5	95.5	95.7	96.[illegible]
≥ 400	69.5	85.6	87.2	91.1	91.7	92.0	92.9	93.7	93.8	95.3	95.6	95.6	95.9	95.9	96.1	96.5
≥ 300	69.5	85.6	87.5	91.6	92.4	92.8	94.2	94.9	95.4	96.9	97.3	97.3	97.7	97.7	98.[illegible]	98.3
≥ 200	69.5	85.6	87.5	91.6	92.4	92.9	94.3	95.4	95.8	97.3	97.8	97.8	98.3	98.3	98.5	98.8
≥ 100	69.5	85.6	87.5	91.6	92.4	92.9	94.3	95.4	95.8	97.3	97.8	97.8	98.4	98.4	98.9	99.9
≥ 0	69.5	85.6	87.5	91.6	92.4	92.9	94.3	95.4	95.8	97.3	97.8	97.8	98.4	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

72326? STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-8? YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

?300-?500 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9?	≥6 FQ9?	≥5 GE8?	≥4 GE6?	≥3 GE4?	≥2½ GE4?	≥2 GE3?	≥1½ GE2?	≥1¼ GE2?	≥1 GE1?	≥¾ GE1?	≥½ GE1?	≥¼ GE0?	≥5/16 GE0?	≥? GE0?	≥0 GE0?
NO CEILING	36.7	42.6	43.2	43.7	44.5	44.5	44.6	44.7	44.7	44.9	45.3	45.3	45.6	45.6	46.2	46.6
≥ 20000	38.2	44.5	45.2	45.6	46.5	46.5	46.6	46.7	46.7	46.9	47.5	47.5	47.8	47.8	48.5	49.?
≥ 18000	38.2	44.5	45.2	45.6	46.5	46.5	46.6	46.7	46.7	46.9	47.5	47.5	47.8	47.8	48.5	49.?
≥ 16000	38.2	44.5	45.2	45.6	46.5	46.5	46.6	46.7	46.7	46.9	47.5	47.5	47.8	47.8	48.5	49.?
≥ 14000	38.8	45.2	45.8	46.2	47.1	47.1	47.2	47.3	47.3	47.5	48.2	4 .2	48.5	48.5	49.1	49.7
≥ 12000	40.5	47.1	47.7	48.2	49.?	49.?	49.1	49.2	49.2	49.5	5?.1	5?.1	5?.4	5?.4	51.1	51.6
≥ 11000	41.2	47.7	48.4	48.8	49.7	49.7	49.8	49.9	49.9	5?.1	5?.8	5?.8	51.1	51.1	51.7	52.3
≥ 9?00	42.5	49.5	5?.1	5?.5	51.5	51.5	51.7	51.8	51.8	52.?	52.7	52.7	53.?	53.?	53.7	54.2
≥ 8000	44.1	51.4	52.?	52.5	53.4	53.4	53.7	53.8	53.8	54.?	54.6	54.6	55.2	55.2	55.8	56.3
≥ 7000	44.8	52.7	53.3	53.8	54.7	54.7	54.9	55.1	55.1	55.4	56.?	56.?	56.6	56.6	57.2	57.7
≥ 6000	46.8	54.7	55.4	55.8	56.8	56.8	57.?	57.1	57.1	57.4	58.1	58.1	58.6	58.6	59.2	59.8
≥ 5000	49.?	58.?	58.6	59.1	6?.1	6?.1	6?.4	6?.5	6?.5	6?.9	61.5	61.5	62.?	62.?	62.7	63.2
≥ 4500	5?.9	6?.8	61.7	62.3	63.2	63.2	63.7	63.9	63.9	64.2	64.9	64.9	65.5	65.5	66.1	66.7
≥ 4000	52.2	62.7	63.9	64.4	65.4	65.4	65.8	66.?	66.?	66.3	67.1	67.1	67.6	67.6	68.3	68.8
≥ 3500	54.2	65.7	66.9	67.5	68.5	68.5	68.9	69.1	69.1	69.5	7?.2	7?.2	7?.8	7?.8	71.4	71.9
≥ 3?00	57.7	7?.4	71.9	72.9	74.1	74.1	74.5	74.7	74.7	75.1	75.8	75.8	76.5	76.5	77.1	77.6
≥ 2500	6?.1	74.2	76.1	77.6	79.1	79.1	79.7	79.9	79.9	8?.2	81.?	81.?	81.7	81.7	82.4	82.9
≥ 2000	62.5	77.6	79.6	81.3	82.8	82.8	83.4	83.7	83.7	84.1	84.8	84.8	85.6	85.6	86.2	86.8
≥ 1800	62.8	78.7	8?.8	82.5	84.?	84.?	84.8	85.2	85.2	85.6	86.3	86.3	87.1	87.1	87.7	88.3
≥ 1500	63.4	8?.2	82.4	84.3	85.9	85.9	86.8	87.1	87.1	87.5	88.4	88.4	89.1	89.1	89.8	9?.3
≥ 1200	63.8	81.4	83.5	85.6	87.2	87.2	88.2	88.5	88.5	88.9	89.8	89.8	9?.5	9?.5	91.2	91.7
≥ 1000	63.9	81.6	83.9	85.9	87.5	87.5	88.6	89.1	89.1	89.6	9?.4	9?.4	91.2	91.2	91.8	92.4
≥ 900	63.9	81.8	84.1	86.1	87.7	87.7	88.8	89.4	89.4	89.8	90.6	90.6	91.4	91.4	92.?	92.6
≥ 800	63.9	82.3	84.8	87.?	88.6	88.6	89.9	9?.4	9?.4	9?.9	91.7	91.7	92.5	92.5	93.1	93.7
≥ 700	63.9	82.3	84.8	87.?	88.6	88.6	9?.?	9?.5	9?.5	91.1	91.9	91.9	92.7	92.7	93.3	93.9
≥ 600	63.9	82.7	85.3	87.5	89.4	89.4	9?.8	91.3	91.3	91.9	92.8	92.8	93.5	93.5	94.2	94.7
≥ 500	63.9	82.7	85.3	87.6	89.5	89.5	91.1	91.6	91.9	92.7	93.5	93.5	94.3	94.3	94.9	95.5
≥ 400	63.9	82.8	85.4	88.2	9?.?	9?.?	91.9	92.7	93.?	93.8	94.8	94.8	96.7	96.?	97.?	97.5
≥ 300	63.9	82.8	85.4	88.2	9?.?	9?.2	92.4	93.1	93.5	94.3	95.4	95.4	96.9	96.9	97.8	98.4
≥ 200	63.9	82.8	85.4	88.5	9?.4	9?.6	92.8	93.5	94.?	94.7	96.?	96.?	97.6	97.6	98.5	99.?
≥ 100	63.9	82.8	85.4	88.5	9?.4	9?.6	92.8	93.5	94.?	94.7	96.?	96.?	97.6	97.6	98.7	99.9
≥ 0	63.9	82.8	85.4	88.5	9?.4	9?.6	92.8	93.5	94.?	94.7	96.?	96.?	97.6	97.6	98.7	1?0.?

TOTAL NUMBER OF OBSERVATIONS 93?

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

72726? MCGHEE TYSON AIRPORT TN ?3-8? DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0?00-?800
HOUR (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE9?	≥? GE9?	≥5 GE8?	≥4 GE6?	≥3 GE4?	≥2 GE4?	≥2 GE32	≥1 GE24	≥1 GE2?	≥1 GE16	≥1 GE1?	≥ GE10	≥ GE08	≥5/16 GE05	≥ GE04	≥0 GE?
NO CEILING	33.9	38.9	40.5	41.4	41.9	41.9	42.?	42.4	42.4	42.6	42.7	42.7	43.7	43.7	44.1	44.6
≥ 20000	36.1	42.0	43.7	44.7	45.6	45.6	45.?	46.?	46.?	46.2	46.3	46.3	47.3	47.3	47.7	48.3
≥ 18000	36.1	42.2	43.9	44.8	45.7	45.7	45.8	46.1	46.1	46.3	46.5	46.5	47.4	47.4	47.8	48.4
≥ 6000	36.2	42.3	43.9	44.9	45.8	45.8	45.9	46.2	46.2	46.5	46.6	46.6	47.5	47.5	48.?	48.5
≥ 14000	37.?	43.?	44.6	45.7	46.6	46.6	46.7	47.?	47.?	47.2	47.3	47.3	48.3	48.3	48.7	49.2
≥ 12000	39.?	45.3	46.?	48.?	48.8	48.8	48.9	49.2	49.2	49.5	49.6	49.6	50.5	50.5	51.?	51.5
≥ 11000	39.8	46.?	47.6	48.7	49.6	49.6	49.7	50.?	50.?	50.2	50.3	5?.3	51.3	51.3	51.7	52.3
≥ 9000	40.4	46.8	48.4	49.5	50.3	50.3	50.4	50.8	50.8	51.?	51.1	51.1	52.?	52.?	52.5	53.?
≥ 8000	41.1	47.4	49.1	5?.2	51.1	51.1	51.2	51.5	51.5	51.7	51.8	51.8	52.8	52.8	53.2	53.8
≥ 7000	42.2	49.7	51.4	52.7	53.5	53.5	53.7	54.?	54.?	54.3	54.4	54.4	55.4	55.4	55.8	56.3
≥ 6000	43.0	51.4	53.1	54.4	55.3	55.3	55.4	55.7	55.7	56.	56.1	56.1	57.1	57.1	57.5	58.1
≥ 5000	45.4	54.8	56.6	58.?	58.8	58.8	59.?	59.4	59.4	59.7	59.8	59.8	6?.8	6?.8	61.2	61.8
≥ 4500	47.?	57.?	58.9	60.4	61.4	61.4	61.8	62.2	62.2	62.5	62.6	62.6	63.5	63.5	64.?	64.6
≥ 4000	48.?	58.4	6?.3	61.9	63.?	63.0	63.4	63.8	63.8	64.2	64.3	64.3	65.3	65.3	65.9	66.6
≥ 3500	49.?	59.8	61.7	63.4	64.5	64.5	65.2	65.5	65.5	66.?	66.1	66.1	67.1	67.1	67.6	68.4
≥ 3000	52.4	64.5	66.6	68.6	69.8	69.9	7?.6	71.1	71.1	71.7	71.8	71.8	72.9	72.9	73.4	74.2
≥ 2500	55.8	69.6	71.8	74.4	75.6	75.7	76.6	77.?	77.?	77.6	77.7	77.7	78.8	78.8	79.4	8?.1
≥ 2000	57.6	73.?	75.6	78.7	80.?	80.1	81.?	81.4	81.4	82.2	82.3	82.3	83.4	83.4	84.?	84.7
≥ 1800	58.7	74.4	77.1	8?.3	81.6	81.7	82.7	83.1	83.1	83.9	84.?	84.?	85.2	85.2	85.7	86.5
≥ 1500	59.7	75.6	78.3	81.8	83.1	83.2	84.4	84.9	84.9	85.8	85.9	85.9	87.1	87.1	87.6	88.4
≥ 1200	60.1	77.1	79.9	83.4	84.7	84.8	86.1	86.7	86.7	87.6	87.7	87.7	89.?	89.?	89.6	90.3
≥ 1000	60.3	77.6	80.4	84.?	85.3	85.4	86.7	87.2	87.2	88.3	88.4	88.4	89.7	89.7	9?.2	91.?
≥ 900	60.3	77.6	80.4	84.?	85.4	85.6	86.9	87.4	87.4	88.5	88.6	88.6	89.9	89.9	9?.4	91.2
≥ 800	60.3	78.1	81.?	84.5	85.9	86.1	87.5	88.1	88.1	89.1	89.2	89.2	90.5	90.5	91.1	91.8
≥ 700	60.3	78.1	81.3	84.9	86.3	86.6	88.1	88.6	88.6	89.8	90.0	90.0	91.3	91.3	91.8	92.6
≥ 600	60.3	78.2	81.4	85.3	86.7	86.9	88.4	89.?	89.4	9?.6	9?.9	9?.9	92.2	92.2	92.7	93.4
≥ 500	60.3	78.5	81.7	85.6	87.1	87.3	89.1	9?.2	90.3	91.7	91.9	91.9	93.2	93.2	93.8	94.5
≥ 400	60.3	78.5	81.7	85.9	87.7	88.0	90.1	91.6	91.7	93.4	93.9	93.9	95.4	95.4	96.?	96.8
≥ 300	60.3	78.5	81.7	86.0	88.1	88.3	90.5	92.2	92.3	94.1	94.6	94.6	96.5	96.5	97.1	97.8
≥ 200	60.3	78.5	81.7	86.0	88.1	88.3	9?.6	92.6	92.7	94.9	95.7	95.7	97.5	97.5	98.2	98.9
≥ 100	60.3	78.5	81.7	86.0	88.1	88.3	9?.6	92.6	92.7	94.9	95.7	95.7	97.5	97.5	98.5	99.7
≥ 0	60.3	78.5	81.7	86.0	88.1	88.3	9?.6	92.6	92.7	94.9	95.7	95.7	97.5	97.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-83 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.7	≥6 EQ9.0	≥5 GE8.0	≥4 GE6.4	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	¾ GE1.2	½ GE1.0	⅜ GE.8	¼ GE.5	⅛ GE.4	0 GE0
NO CEILING	32.9	39.5	40.3	41.1	42.1	42.4	42.5	42.5	42.5	42.9	42.9	42.9	42.9	42.9	43.2	43.2
≥ 20000	36.7	44.7	45.7	47.3	48.2	48.5	48.7	48.7	48.7	49.1	49.1	49.1	49.1	49.1	49.3	49.3
≥ 18000	36.7	45.3	46.1	47.6	48.5	48.9	49.0	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.6	49.6
≥ 6000	36.8	45.2	46.3	47.8	48.8	49.1	49.2	49.2	49.2	49.6	49.6	49.6	49.6	49.6	49.8	49.8
≥ 14000	37.4	45.7	46.8	48.3	49.3	49.6	49.7	49.7	49.7	50.2	50.2	50.2	50.2	50.2	50.4	50.4
≥ 12000	38.8	47.1	48.2	49.7	50.7	51.0	51.1	51.1	51.1	51.6	51.6	51.6	51.6	51.6	51.8	51.8
≥ 10000	39.2	47.8	48.9	50.4	51.3	51.7	51.8	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.4	52.4
≥ 9600	39.6	48.3	49.4	51.1	52.1	52.4	52.5	52.5	52.5	53.0	53.0	53.0	53.0	53.0	53.2	53.2
≥ 8000	40.6	49.4	50.5	52.2	53.2	53.5	53.6	53.6	53.6	54.0	54.0	54.0	54.0	54.0	54.3	54.3
≥ 7000	43.2	52.4	53.5	55.3	56.3	56.6	56.7	56.7	56.7	57.2	57.2	57.2	57.2	57.2	57.4	57.4
≥ 6000	44.3	54.1	55.2	57.6	59.8	59.1	59.2	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.8	59.8
≥ 5000	46.5	56.5	57.9	60.3	61.8	62.2	62.4	62.4	62.4	62.9	62.9	62.9	62.9	62.9	63.1	63.1
≥ 4500	47.4	58.1	59.6	62.0	63.9	64.5	64.9	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.6	65.6
≥ 4000	48.2	59.1	60.6	63.0	65.0	65.6	66.0	66.2	66.2	66.6	66.6	66.6	66.6	66.6	66.8	66.8
≥ 3500	49.5	60.9	62.5	65.0	67.1	67.6	68.1	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.2	69.2
≥ 3000	51.9	64.3	65.9	68.6	71.0	71.5	72.4	73.0	73.0	73.7	73.7	73.7	73.7	73.7	74.0	74.0
≥ 2500	54.5	67.7	69.6	73.2	75.5	76.1	77.3	77.9	77.9	78.9	79.0	79.0	79.0	79.0	79.3	79.3
≥ 2000	56.9	70.8	72.8	76.5	78.9	79.5	80.7	81.4	81.4	82.3	82.5	82.5	82.5	82.5	82.8	82.8
≥ 1800	58.7	73.0	74.9	78.8	81.3	81.9	83.1	83.7	83.7	84.8	85.1	85.1	85.1	85.1	85.5	85.5
≥ 1500	59.0	74.0	76.1	80.2	82.7	83.3	84.6	85.4	85.4	86.5	86.9	86.9	86.9	86.9	87.2	87.2
≥ 1200	59.7	75.6	77.7	81.9	84.5	85.3	86.7	87.4	87.4	88.7	89.0	89.0	89.0	89.0	89.3	89.3
≥ 1000	59.7	75.8	78.1	82.3	85.0	85.9	87.5	88.3	88.3	89.6	89.9	89.9	89.9	89.9	90.2	90.2
≥ 900	60.0	76.0	78.4	82.6	85.3	86.1	87.8	88.8	88.8	90.1	90.4	90.4	90.4	90.4	90.7	90.7
≥ 800	60.1	76.1	78.5	82.7	85.4	86.2	88.2	89.2	89.2	90.5	90.9	90.9	90.9	90.9	91.2	91.2
≥ 700	60.1	76.2	78.6	82.9	85.6	86.5	88.6	89.8	89.8	91.1	91.4	91.4	91.4	91.4	91.7	91.7
≥ 600	60.1	76.2	78.6	83.0	85.7	86.7	88.7	90.3	90.3	91.8	92.2	92.2	92.2	92.2	92.6	92.6
≥ 500	60.1	76.3	78.7	83.5	86.2	87.4	89.7	91.4	91.4	92.9	93.3	93.3	93.3	93.3	93.6	93.6
≥ 400	60.1	76.3	78.7	83.5	86.2	87.4	89.9	91.9	91.9	94.3	94.5	94.5	94.8	94.8	95.2	95.3
≥ 300	60.1	76.3	78.8	83.6	86.5	87.7	90.4	92.6	92.7	95.0	95.9	95.9	96.8	96.8	97.1	97.2
≥ 200	60.1	76.3	78.8	83.7	86.7	87.8	90.7	93.0	93.1	95.6	97.4	97.4	98.3	98.3	99.1	99.2
≥ 100	60.1	76.3	78.8	83.7	86.7	87.8	90.7	93.0	93.1	95.6	97.6	97.6	98.5	98.5	99.9	100.0
≥ 0	60.1	76.3	78.8	83.7	86.7	87.8	90.7	93.0	93.1	95.6	97.6	97.6	98.5	98.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-87 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 Z-1400 (GMT)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥2 GE2	≥1½ GE2	≥1¼ GE1	≥1 GE1	≥¾ GE0	≥½ GE0	≥¼ GE0	≥0 GE0
NO CEILING	36.2	42.8	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	43.2	48.9	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 18000	43.3	49.3	50.2	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	43.3	49.3	50.2	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	44.0	50.1	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
≥ 12000	46.0	52.3	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 10000	47.8	54.3	55.1	55.4	55.4	55.5	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 9000	48.0	54.8	55.9	56.3	56.3	56.4	56.5	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8
≥ 8000	48.9	55.8	56.9	57.3	57.3	57.4	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	49.6	56.9	58.0	58.4	58.4	58.6	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 6000	51.0	58.4	59.5	60.3	60.5	60.8	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 5000	52.4	60.2	61.4	62.3	62.8	63.1	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4500	54.4	62.6	64.2	65.1	65.6	65.9	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4000	54.9	63.5	65.1	66.4	67.0	67.3	68.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 3500	56.8	66.1	67.9	69.2	69.8	70.1	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000	58.4	69.4	71.4	72.7	73.4	73.7	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	62.9	73.3	75.5	76.9	77.6	77.9	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 2000	65.7	77.4	79.8	81.2	82.0	82.3	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	66.7	78.8	81.3	82.8	83.6	84.0	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	67.8	80.5	83.1	84.7	85.6	86.0	87.2	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	68.8	82.5	85.3	87.1	88.1	88.6	90.1	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	68.8	83.0	86.0	87.8	88.9	89.6	91.3	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	68.9	83.2	86.2	88.2	89.3	90.0	91.8	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	69.1	83.5	86.5	88.5	89.7	90.3	92.1	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	69.1	83.6	86.7	88.6	89.8	90.4	92.7	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	69.1	84.0	87.1	88.9	90.2	90.9	93.2	94.4	94.4	94.8	94.9	94.9	94.9	94.9	94.9
≥ 500	69.1	84.1	87.2	89.5	90.7	91.6	94.3	95.6	95.6	96.1	96.4	96.4	96.4	96.4	96.4
≥ 400	69.1	84.1	87.2	89.6	91.0	91.8	94.7	96.2	96.2	97.1	97.4	97.4	97.4	97.4	97.4
≥ 300	69.1	84.1	87.2	89.6	91.0	91.8	94.9	96.9	96.9	98.2	98.6	98.6	98.6	98.6	98.6
≥ 200	69.1	84.1	87.2	89.6	91.0	91.8	94.9	96.9	96.9	98.7	99.1	99.1	99.6	99.6	99.6
≥ 100	69.1	84.1	87.2	89.6	91.0	91.8	94.9	96.9	96.9	98.8	99.2	99.2	99.7	99.7	99.7
≥ 0	69.1	84.1	87.2	89.6	91.0	91.8	94.9	96.9	96.9	98.8	99.2	99.2	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72326 — STATION
MCGHEE TYSON AIRPORT TN — STATION NAME
73-82 — YEARS
DEC — MONTH
15 0-1700 — HOUR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 GT9.1	≥6 GE9.1	≥5 GE8.1	≥4 GE6.0	≥3 GE4.8	≥2 GE4.0	≥2 GE3.2	≥1 GE2.4	≥1 GE2.0	≥1 GE1.6	≥1 GE1.2	≥1 GE1.0	≥ GE0.8	≥5/16 GE0.5	≥ GE0.4	≥0 GE0.0
NO CEILING	42.5	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000	53.2	53.2	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	53.2	53.2	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	53.3	53.3	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 14000	54.5	54.5	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 12000	57.2	57.3	57.4	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 10000	58.5	58.6	58.7	58.9	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	59.1	59.8	60.0	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	59.1	60.8	61.0	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 7000	59.1	62.9	63.1	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 6000	60.8	64.5	64.7	64.9	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000	62.3	66.7	67.2	67.4	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4500	64.5	69.4	70.2	70.5	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4000	65.4	70.4	71.3	71.6	72.3	72.6	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3500	67.6	73.1	74.2	74.5	75.2	75.5	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	69.7	75.7	77.1	77.5	78.3	78.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	72.3	79.4	80.8	81.3	82.2	82.6	83.0	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	73.9	82.3	83.9	84.4	85.3	85.7	86.2	86.7	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	74.6	83.0	84.6	85.2	86.1	86.7	87.2	87.6	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1600	75.5	84.5	86.2	86.9	88.0	88.6	89.1	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1400	76.3	86.8	88.6	89.4	90.5	91.2	91.7	92.3	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	76.3	86.9	88.8	89.7	90.9	91.5	92.1	92.6	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	76.3	86.9	88.8	89.7	90.9	91.5	92.3	92.8	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	76.3	86.9	88.8	89.9	91.1	91.7	92.5	93.1	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	76.3	86.9	88.8	90.0	91.3	92.2	93.1	93.8	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	76.3	86.9	88.8	90.2	91.5	92.4	93.7	94.3	94.4	94.8	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	76.3	86.9	88.8	90.3	91.6	92.5	94.3	95.1	95.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	76.3	86.9	88.8	90.3	91.9	92.8	95.2	96.1	96.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	76.3	86.9	88.8	90.3	91.9	92.9	95.3	96.2	96.3	98.2	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	76.3	86.9	88.8	90.3	91.9	92.9	95.3	96.5	96.6	98.7	99.6	99.6	99.9	99.9	99.9	99.9
≥ 200	76.3	86.9	88.8	90.3	91.9	92.9	95.3	96.6	96.7	98.8	99.7	99.7	100.0	100.0	100.0	100.0
M	76.3	86.9	88.8	90.3	91.9	92.9	95.3	96.6	96.7	98.8	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HRS 00 (HUNDREDS F METERS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE7	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1½ GE1½	≥1¼ GE1¼	≥1 GE1	≥¾ GE¾	≥½ GE½	≥¼ GE¼	<¼ LT¼
NO CEILING	43.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	48.7	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 18000	48.7	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	48.7	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 14000	48.9	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000	52.9	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	56.	56.	56.	56.	56.	56.	56.	56.
≥ 11000	54.2	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	56.3	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	57.4	60.4	60.4	60.6	60.6	60.6	60.6	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 8000	58.7	61.9	61.9	62.2	62.3	62.3	62.3	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 7000	60.8	64.4	64.4	64.6	64.7	64.7	64.7	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	63.1	67.1	67.2	67.4	67.6	67.6	67.8	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 5000	64.9	69.5	69.7	69.9	70.2	70.2	70.4	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4500	66.1	71.8	71.9	72.2	72.4	72.4	72.6	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	69.1	74.5	74.7	75.1	75.7	75.7	75.9	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	70.8	76.3	76.7	77.1	77.6	77.7	78.0	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3000	73.1	80.3	80.9	81.3	81.9	82.2	82.5	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	74.4	83.2	83.9	84.7	85.4	85.6	85.9	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	74.6	83.8	84.6	85.7	86.3	86.6	86.9	87.8	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	74.6	84.4	85.4	86.6	87.2	87.4	88.1	89.1	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1600	75.1	85.9	87.3	88.5	89.2	89.5	90.1	91.1	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1400	75.3	86.2	87.8	89.2	90.0	90.2	90.9	91.9	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	75.3	86.7	88.4	90.0	90.8	91.0	91.8	93.0	93.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	75.4	87.1	88.8	90.5	91.3	91.5	92.4	93.7	93.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	75.4	87.1	88.8	90.8	91.5	91.7	92.7	94.1	94.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	75.5	87.2	88.9	91.0	91.6	91.8	93.1	94.5	94.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	75.5	87.4	89.2	91.2	91.9	92.2	93.5	94.9	94.9	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0
≥ 600	75.5	87.4	89.2	91.3	92.4	92.7	94.6	96.1	96.1	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7
≥ 500	75.5	87.4	89.4	91.4	92.6	92.9	94.8	96.3	96.3	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 400	75.5	87.4	89.4	91.4	92.7	93.1	95.1	96.6	96.6	99.2	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 300	75.5	87.4	89.4	91.4	92.7	93.1	95.1	96.6	96.6	99.4	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200	75.5	87.4	89.4	91.4	92.7	93.1	95.1	96.6	96.6	99.4	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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

[redacted] MCGHEE TYSON AIRPORT TN [redacted] 57-67 [redacted]
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]

VISIBILITY STATUTE MILES OR (in HUNDREDS OF METERS)

CEILING FEET	≥10	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
≥ 20000	43.5	47.2	47.2	47.2	47.2	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 15000	46.3	50.2	50.2	50.2	50.3	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 12000	46.3	50.2	50.2	50.2	50.3	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 10000	46.3	50.2	50.2	50.2	50.3	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 9000	46.8	50.6	50.6	50.6	50.8	51.0	51.3	51.3	51.3	51.3	51.3	51.4	51.4
≥ 8000	48.1	52.3	52.3	52.4	52.5	52.7	53.1	53.1	53.1	53.1	53.1	53.2	53.2
≥ 7000	49.6	52.8	52.8	52.9	53.0	53.2	53.6	53.6	53.6	53.6	53.6	53.7	53.7
≥ 6000	54.6	55.3	55.3	55.5	55.6	55.8	56.3	56.3	56.3	56.3	56.3	56.4	56.4
≥ 5000	52.0	56.7	56.7	56.9	57.0	57.2	57.7	57.7	57.7	57.7	57.7	57.8	57.8
≥ 4500	54.6	59.6	59.6	59.8	59.9	60.1	60.6	60.6	60.6	60.6	60.6	60.7	60.7
≥ 4000	56.6	61.7	61.7	61.9	62.0	62.3	62.8	62.8	62.8	62.8	62.8	62.9	62.9
≥ 3500	59.9	66.0	66.2	66.3	66.5	66.7	67.3	67.3	67.3	67.3	67.3	67.4	67.4
≥ 3000	62.5	69.5	69.6	70.1	70.4	70.6	71.3	71.3	71.3	71.3	71.3	71.4	71.4
≥ 2500	64.1	71.4	71.5	72.0	72.5	72.7	73.3	73.3	73.3	73.3	73.3	73.4	73.4
≥ 2000	65.7	73.4	73.5	74.3	74.7	74.9	75.6	75.6	75.6	76.1	76.1	76.1	76.1
≥ 1800	67.7	76.1	76.3	77.2	77.7	78.1	78.6	78.6	78.6	79.1	79.1	79.1	79.1
≥ 1500	69.8	79.0	79.2	80.3	80.9	81.1	81.7	81.9	81.9	82.5	82.5	82.5	82.5
≥ 1200	71.7	82.6	83.3	84.8	85.5	85.7	86.3	86.7	86.7	87.2	87.2	87.2	87.2
≥ 1000	71.8	83.1	83.8	85.5	86.1	86.3	87.0	87.3	87.3	87.8	87.8	87.8	87.8
≥ 900	72.4	84.3	85.1	86.8	87.4	87.6	88.4	88.7	88.7	89.2	89.2	89.2	89.2
≥ 800	72.6	85.6	86.6	88.5	89.1	89.5	90.3	90.6	90.6	91.3	91.3	91.3	91.3
≥ 700	72.6	85.9	87.0	89.1	89.8	90.1	91.1	91.4	91.4	92.2	92.2	92.2	92.2
≥ 600	72.7	86.3	87.4	90.0	90.6	91.0	92.0	92.4	92.4	93.2	93.2	93.2	93.2
≥ 500	72.7	86.7	87.8	90.6	91.3	91.7	92.9	93.2	93.2	94.1	94.1	94.1	94.4
≥ 400	72.7	86.7	87.8	90.8	91.4	91.8	93.1	93.4	93.4	94.4	94.4	94.4	94.7
≥ 300	72.8	86.8	88.1	91.1	91.6	92.0	93.5	93.9	93.9	94.9	94.9	94.9	95.3
≥ 200	72.8	86.8	88.1	91.0	91.6	92.0	93.5	93.9	93.9	94.9	94.9	94.9	95.3
≥ 150	72.8	86.9	88.2	91.5	92.2	92.6	94.2	94.5	94.5	96.1	96.1	96.1	96.5
≥ 100	72.8	86.9	88.2	91.7	92.4	93.2	94.9	95.5	95.6	97.4	97.4	97.4	97.7
≥ 50	72.8	86.9	88.2	91.7	92.4	93.2	94.9	96.1	96.2	98.1	98.2	98.2	98.5
≥ 0	72.8	86.9	88.2	91.7	92.4	93.2	94.9	96.2	96.3	98.5	98.6	98.6	98.9
	72.8	86.9	88.2	91.7	92.4	93.2	94.9	96.2	96.3	98.5	98.7	98.7	99.1

TOTAL NUMBER OF OBSERVATIONS [redacted] 33

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] MCGHEE TYSON AIRPORT TN [illegible] [illegible] [illegible]
STATION STATION NAME YEARS [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
Unlimited	37.1	42.3	43.9	44.2	44.5	44.6	44.6	44.7	44.7	44.8	44.9	44.9	45.0	45.2	45.2	45.3
≥ 20000	42.9	47.8	48.3	48.9	49.2	49.3	49.4	49.5	49.5	49.6	49.7	49.7	49.9	49.9	50.0	50.2
≥ 15000	42.8	47.9	48.4	49.0	49.4	49.4	49.5	49.6	49.6	49.7	49.8	49.8	50.0	50.0	50.1	50.3
≥ 10000	42.9	47.9	48.5	49.0	49.4	49.5	49.6	49.7	49.7	49.8	49.9	49.9	50.1	50.1	50.2	50.4
≥ 9000	43.5	48.5	49.1	49.7	50.1	50.1	50.2	50.3	50.3	50.4	50.5	50.5	50.7	50.7	50.8	51.0
≥ 8000	43.6	50.9	51.4	52.0	52.4	52.5	52.6	52.6	52.6	52.8	52.9	52.9	53.1	53.1	53.3	53.4
≥ 7000	46.6	51.9	52.4	53.0	53.4	53.5	53.7	53.8	53.9	53.9	54.0	54.0	54.2	54.2	54.4	54.6
≥ 6000	47.6	53.2	53.8	54.5	54.9	55.0	55.1	55.2	55.2	55.4	55.5	55.5	55.7	55.7	55.9	56.1
≥ 5000	48.7	54.4	55.0	55.7	56.1	56.2	56.3	56.5	56.5	56.6	56.7	56.7	57.0	57.0	57.2	57.4
≥ 4500	50.3	56.4	57.0	57.7	58.1	58.2	58.4	58.5	58.5	58.7	58.8	58.8	59.1	59.1	59.3	59.5
≥ 4000	51.7	58.3	58.9	59.7	60.2	60.3	60.5	60.7	60.7	60.8	61.0	61.0	61.2	61.2	61.4	61.6
≥ 3500	54.1	61.4	62.0	62.9	63.5	63.7	64.0	64.2	64.2	64.3	64.5	64.5	64.7	64.7	64.9	65.1
≥ 3000	56.1	64.0	64.9	65.9	66.6	66.8	67.2	67.3	67.3	67.5	67.7	67.7	67.9	67.9	68.2	68.4
≥ 2500	57.2	65.4	66.3	67.4	68.2	68.4	68.8	69.1	69.1	69.3	69.5	69.5	69.7	69.7	70.0	70.2
≥ 2000	59.1	67.6	69.0	70.1	71.0	71.2	71.6	71.9	71.9	72.2	72.4	72.4	72.6	72.6	72.9	73.1
≥ 1800	61.6	71.2	72.4	73.7	74.7	74.9	75.5	75.9	75.9	76.2	76.4	76.4	76.6	76.6	76.9	77.1
≥ 1500	64.3	75.2	76.5	78.2	79.2	79.5	80.2	80.6	80.6	81.1	81.2	81.2	81.5	81.5	81.8	82.0
≥ 1200	66.3	78.5	80.1	82.0	83.1	83.3	84.1	84.5	84.5	85.0	85.2	85.2	85.5	85.5	85.7	86.0
≥ 1000	67.0	79.6	81.2	83.3	84.4	84.6	85.4	85.9	85.9	86.4	86.6	86.6	86.9	86.9	87.2	87.4
≥ 900	67.7	80.9	82.6	84.8	85.9	86.2	87.1	87.6	87.6	88.2	88.5	88.5	88.8	88.8	89.1	89.2
≥ 800	68.2	82.5	84.3	86.6	87.8	88.1	89.1	89.6	89.7	90.3	90.5	90.5	90.9	90.9	91.1	91.4
≥ 700	68.3	82.7	84.7	87.1	88.3	88.7	89.8	90.3	90.4	91.1	91.3	91.3	91.6	91.6	91.9	92.1
≥ 600	68.4	83.0	85.0	87.5	88.7	89.1	90.3	90.9	90.9	91.7	91.9	91.9	92.2	92.2	92.5	92.7
≥ 500	68.4	83.2	85.4	87.9	89.2	89.6	90.8	91.5	91.5	92.3	92.5	92.5	92.8	92.8	93.1	93.3
≥ 450	68.4	83.3	85.5	88.2	89.5	89.9	91.3	92.1	92.1	92.9	93.1	93.1	93.5	93.5	93.7	93.9
≥ 400	68.4	83.4	85.6	88.5	89.8	90.2	91.7	92.6	92.6	93.6	93.8	93.8	94.2	94.2	94.4	94.6
≥ 350	68.4	83.5	85.8	88.7	90.0	90.5	92.3	93.3	93.3	94.5	94.9	94.9	95.2	95.2	95.5	95.7
≥ 300	68.4	83.6	85.8	88.9	90.4	90.9	92.9	94.1	94.2	95.7	96.1	96.1	96.5	96.5	96.9	97.1
≥ 250	68.4	83.6	85.9	89.1	90.6	91.2	93.4	94.7	94.9	96.6	97.2	97.2	97.8	97.8	98.1	98.4
≥ 200	68.4	83.6	85.9	89.1	90.7	91.3	93.6	95.1	95.2	97.2	97.9	97.9	98.7	98.7	99.1	99.3
≥ 150	68.4	83.6	85.9	89.1	90.7	91.3	93.6	95.1	95.3	97.3	98.1	98.1	98.8	98.8	99.4	99.9
< 150	68.4	83.6	85.9	89.1	90.7	91.3	93.6	95.1	95.3	97.3	98.1	98.1	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible] 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 77-87 YEARS | ALL MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GE92	≥6 GE69	≥5 GE58	≥4 GE50	≥3 GE48	≥2 GE40	≥2 GE32	≥1 GE24	≥1 GE20	≥1 GE16	≥1 GE12	≥1 GE10	≥ GE08	≥5/8 GE05	≥1/2 GE04	≥0 GE00
UNLIM	33.2	41.8	43.2	45.7	47.0	47.3	48.0	48.2	48.2	48.5	48.5	48.5	48.7	48.7	48.9	49.0
20000	38.1	47.0	49.8	52.6	54.0	54.3	55.1	55.3	55.3	55.6	55.7	55.7	55.9	55.9	56.1	56.3
18000	38.1	47.1	49.9	52.7	54.2	54.5	55.2	55.5	55.5	55.8	55.9	55.9	56.1	56.1	56.3	56.4
17000	38.1	47.2	50.0	52.8	54.3	54.6	55.4	55.6	55.6	55.9	56.0	56.0	56.2	56.2	56.4	56.5
16000	38.9	48.1	51.0	53.8	55.3	55.6	56.4	56.6	56.7	57.0	57.1	57.0	57.2	57.3	57.5	57.6
15000	40.6	51.3	53.2	56.2	57.8	58.1	58.9	59.1	59.2	59.5	59.5	59.5	59.8	59.8	60.0	60.1
14000	41.8	52.5	55.1	58.2	59.8	60.2	61.0	61.3	61.3	61.6	61.7	61.7	61.9	61.9	62.1	62.3
13000	43.1	53.7	57.0	60.3	61.9	62.3	63.2	63.4	63.5	63.8	63.9	63.9	64.1	64.1	64.3	64.5
12000	44.2	55.2	58.5	61.8	63.6	63.9	64.8	65.1	65.1	65.5	65.6	65.6	65.8	65.8	66.0	66.2
11000	45.6	57.2	60.4	64.1	65.9	66.3	67.2	67.5	67.5	67.9	68.0	68.0	68.2	68.2	68.4	68.6
10000	46.9	58.9	62.4	66.3	67.9	68.3	69.3	69.6	69.6	70.0	70.1	70.1	70.3	70.3	70.5	70.7
9000	49.1	62.0	65.6	69.6	71.5	72.0	73.0	73.4	73.4	73.8	73.9	73.9	74.1	74.1	74.4	74.5
8500	50.6	64.4	68.2	72.4	74.4	74.9	76.0	76.4	76.5	76.9	76.9	76.9	77.2	77.2	77.4	77.6
8000	51.8	65.9	69.9	74.2	76.3	76.8	78.1	78.4	78.5	78.9	79.0	79.0	79.2	79.2	79.5	79.6
7500	53.2	67.9	71.9	76.4	78.7	79.2	80.4	80.8	80.9	81.3	81.4	81.4	81.7	81.7	82.0	82.1
7000	54.7	70.2	74.4	79.1	81.4	82.0	83.3	83.8	83.8	84.3	84.4	84.4	84.7	84.7	84.9	85.1
6500	56.1	72.4	76.8	81.7	84.2	84.8	86.2	86.7	86.8	87.3	87.4	87.4	87.7	87.7	87.9	88.1
6000	57.2	74.3	78.9	84.1	86.6	87.3	88.8	89.3	89.4	89.9	90.0	90.0	90.3	90.3	90.6	90.7
5500	57.5	75.0	79.5	84.9	87.5	88.1	89.7	90.2	90.3	90.8	91.0	91.0	91.3	91.3	91.5	91.7
5000	57.8	75.7	80.4	85.8	88.4	89.1	90.7	91.2	91.3	91.9	92.1	92.1	92.4	92.4	92.6	92.8
4500	58.1	76.5	81.2	86.8	89.5	90.2	91.8	92.5	92.5	93.2	93.3	93.3	93.6	93.7	93.9	94.1
4000	58.2	76.7	81.6	87.2	90.0	90.7	92.5	93.1	93.2	93.9	94.0	94.0	94.4	94.4	94.6	94.8
3500	58.2	76.9	81.8	87.6	90.4	91.1	92.9	93.6	93.7	94.4	94.5	94.5	94.9	94.9	95.1	95.3
3000	58.3	77.1	82.0	87.8	90.6	91.4	93.2	94.0	94.1	94.8	94.9	94.9	95.3	95.3	95.5	95.7
2500	58.3	77.2	82.1	88.0	90.9	91.7	93.6	94.4	94.5	95.2	95.4	95.4	95.7	95.8	96.0	96.2
2000	58.3	77.3	82.2	88.3	91.2	92.0	94.0	94.8	94.9	95.7	95.9	95.9	96.3	96.3	96.5	96.7
1500	58.3	77.3	82.3	88.4	91.4	92.3	94.4	95.3	95.4	96.3	96.5	96.5	96.9	96.9	97.2	97.3
1000	58.3	77.4	82.4	88.6	91.7	92.6	94.8	95.8	96.0	97.0	97.2	97.2	97.7	97.7	98.0	98.1
900	58.3	77.4	82.4	88.7	91.8	92.7	95.1	96.2	96.3	97.5	97.8	97.8	98.3	98.3	98.6	98.8
800	58.3	77.4	82.4	88.7	91.8	92.8	95.2	96.3	96.5	97.8	98.2	98.2	98.8	98.8	99.2	99.4
700	58.3	77.4	82.4	88.7	91.8	92.8	95.2	96.4	96.6	97.9	98.3	98.3	99.0	99.0	99.5	99.8
600	58.3	77.4	82.4	88.7	91.8	92.8	95.3	96.4	96.6	97.9	98.3	98.3	99.0	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 87613

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

723267 | MCGHEE TYSON AIRPORT TN | 74-83 | JAN

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	27.6	.3		6.7	.2	.4	1.0		1.8	8.5	53.4	6.5	927
	03-05	25.6			7.4						9.7	57.4	6.8	922
	06-08	21.1	.2		8.0	.8	.1	.8		1.2	7.8	60.1	7.1	928
	09-11	14.5			12.2						14.8	58.5	7.6	926
	12-14	12.9	1.0		12.5	1.1	.9	1.2		1.9	14.7	53.9	7.4	930
	15-17	14.7			15.1						18.5	51.7	7.3	930
	18-20	21.2	.6		11.8	.4	.4	1.0		2.2	9.8	52.6	6.8	930
	21-23	26.5			10.7						11.5	51.3	6.5	929
TOTALS		20.5	.3		10.6	.3	.2	.5		.9	11.9	54.9	7.0	7422

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

72306 | MCGHEE TYSON AIRPORT TN | 74-87 | 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	32.7	.4		7.1	.6	.2	.5		1.3	7.0	50.2	[illegible]	846
	03-05	32.[illegible]			6.[illegible]					.1	9.5	52.3	[illegible].3	843
	06-08	25.8	.6		8.[illegible]	.7	.5	.7		2.1	9.9	51.4	6.6	842
	09-11	18.2			15.7						17.5	48.7	6.9	842
	12-14	17.5	1.5		12.3	.8	1.3	.9		2.5	16.1	46.9	6.9	844
	15-17	19.4			10.2						15.9	49.5	6.8	841
	18-20	23.2	.9		10.2	.1	.5	.[illegible]		2.7	11.7	49.8	[illegible].6	846
	21-23	29.3			11.3						10.4	48.9	6.2	846
TOTALS		24.8	.4		10.8	.3	.3	.4		1.1	12.3	49.7	6.5	6750

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72326? MCGHEE TYSON AIRPORT TN 74-83 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	28.6	.1		8.9	.8	.2	.6		2.3	8.4	50.1	6.3	93?
	03-05	28.0			9.9						8.8	52.4	6.4	923
	06-08	21.2	1.3		9.1	1.0	.5	.3		2.6	9.8	54.1	6.9	924
	09-11	16.1			13.7						20.9	49.4	7.2	928
	12-14	14.8	.9		12.8	1.4	.9	1.1		3.4	15.6	49.1	7.1	930
	15-17	14.6			17.7						20.6	47.0	7.1	930
	18-20	19.5	1.4		13.4	1.6	.6	.4		2.9	14.6	45.5	6.6	931
	21-23	28.0			12.9						14.7	44.4	6.2	930
TOTALS		21.4	.5		12.3	.6	.3	.3		1.4	14.3	49.?	6.7	7425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72726? MCGHEE TYSON AIRPORT TN 74-8? 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	35.8	.4		9.0	1.1	.?	.6		2.?	11.1	39.0	5.5	899
	03-05	36.9			13.7						11.6	37.9	?.2	898
	06-08	26.8	1.4		13.7	.?	.9	1.?		3.?	11.9	4?.2	5.9	897
	09-11	23.1			19.9						19.7	37.3	6.1	899
	12-14	20.3	1.0		17.3	1.1	.4	1.6		4.4	18.2	35.6	6.2	900
	15-17	19.8			21.2						23.1	35.9	6.3	900
	18-2?	22.1	.9		16.9	.9	.4	1.1		2.4	15.2	40.0	6.?	900
	21-23	29.7			15.4						19.0	35.9	5.8	899
TOTALS		26.8	.5		15.9	.5	.3	.5		1.5	16.2	37.7	5.9	7192

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

723260 MCGHEE TYSON AIRPORT TN 74-[illegible] MAY

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		
MAY	00-02	32.5	.7		13.7	1.[illegible]	.5	1.4		2.2	10.6	37.4	[illegible].4	922
	03-05	28.4			15.8						1[illegible].[illegible]	4[illegible].8	[illegible].9	905
	06-08	17.2	1.0		13.9	.8	.4	1.2		3.3	16.5	45.7	6.9	919
	09-11	19.2			18.4						22.4	39.9	6.6	927
	12-14	13.7	1.8		23.4	1.6	1.3	1.7		3.8	16.9	36.2	6.4	930
	15-17	11.7			27.1						22.5	38.7	6.7	930
	18-20	15.6	1.4		18.9	1.[illegible]	.5	.5		3.3	13.7	45.1	6.7	930
	21-23	27.2			17.3						15.3	40.2	5.9	929
TOTALS		20.7	.6		18.6	.6	.3	.6		1.6	16.6	40.5	6.3	7392

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

72326? MCGHEE TYSON AIRPORT TN 74-?? 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	39.0	.8		12.9	.8	.9	1.2		2.1	10.0	32.3	4.8	899
	03-05	34.2			16.7						15.7	33.4	5.3	884
	06-08	22.8	1.0		17.3	.7	1.0	1.7		3.3	16.9	36.2	6.1	897
	09-11	21.7	.1		26.1						22.3	29.8	5.8	900
	12-14	10.2	2.4		34.2	2.9	1.3	2.2		4.8	20.6	21.3	5.7	900
	15-17	7.9			40.9						28.4	22.8	6.1	899
	18-20	16.0	2.4		29.6	1.4	1.1	1.1		6.2	18.9	28.2	6.0	900
	21-23	26.3			24.0						19.1	30.6	5.5	900
TOTALS		22.2	.8		24.6	.7	.5	.8		2.1	19.0	29.3	5.7	7172

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72326? MCGHEE TYSON AIRPORT TN 74-83 JUL

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	38.4	.7		16.4	1.3	1.[illegible]	1.6		[illegible]	13.[illegible]	24.1	4.6	923
	03-05	37.[illegible]			20.2						1[illegible].5	26.3	4.[illegible]	91[illegible]
	06-08	18.7	2.[illegible]		2[illegible].[illegible]	1.6	1.[illegible]	1.1		[illegible].[illegible]	18.[illegible]	32.[illegible]	[illegible].[illegible]	916
	09-11	20.2			28.1						[illegible].2	29.9	5.[illegible]	925
	12-14	7.9	1.[illegible]		34.3	3.4	2.[illegible]	1.[illegible]		4.2	21.7	22.1	5.9	929
	15-17	8.1	.1		38.[illegible]						27.6	25.[illegible]	5.2	929
	18-20	16.6	1.5		22.7	1.[illegible]	1.[illegible]	1.[illegible]		[illegible].[illegible]	19.4	30.[illegible]	[illegible].1	929
	21-23	27.7			24.4						2[illegible].6	27.3	[illegible].3	927
TOTALS		21.8	.8		25.7	1.0	.8	.8		2.1	19.9	27.1	5.6	7388

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72726	MCGHEE TYSON AIRPORT TN	74-83	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	43.0	.3		12.9	1.7	.7	1.6		2.2	12.5	25.8	4.4	921
	03-05	41.1			13.5						14.6	30.6	4.8	896
	06-08	21.8	1.0		17.8	1.7	.6	1.2		4.2	16.4	35.2	6.2	904
	09-11	22.3			23.0					.1	23.4	31.5	6.3	922
	12-14	9.1	2.6		32.6	3.0	2.2	1.9		4.6	21.4	22.7	5.9	927
	15-17	10.4			40.0						27.7	21.8	5.9	933
	18-20	17.7	2.2		23.6	1.4	1.5	1.1		4.7	19.9	27.9	5.9	928
	21-23	31.1			21.8						18.2	28.9	5.2	925
TOTALS		24.5	.9		23.2	.8	.6	.7		2.0	19.3	28.1	5.5	7353

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

723260 MCGHEE TYSON AIRPORT TN 73-82 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	33.6	.2		13.7	1.6	.2	1.3		2.2	10.5	36.6	5.4	893
	03-05	33.4			15.6	.1					13.4	37.5	5.4	865
	06-08	20.3	1.1		14.8	1.1	1.1	1.0		3.4	16.5	40.5	6.4	873
	09-11	18.4			17.0		.1				25.6	39.0	6.7	896
	12-14	13.6	1.9		22.1	1.8	1.3	2.2		4.7	21.4	31.0	6.4	900
	15-17	12.8			29.2						27.0	31.0	6.4	900
	18-20	18.8	2.2		20.7	1.8	.3	1.8		4.9	17.0	32.6	6.0	900
	21-23	29.0			17.7						21.0	32.3	5.7	897
TOTALS		22.5	.7		18.9	.8	.4	.8		1.9	19.1	35.1	6.1	7124

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

723260 | MCGHEE TYSON AIRPORT TN | 73-82 | OCT
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	47.4	.7		10.7	.3	.3	.8		2.5	7.5	29.8	4.3	919
	03-05	46.1			13.3						9.3	31.4	4.4	899
	06-08	33.3	1.6		11.6	.9	.4	.9		2.8	13.5	35.3	5.4	899
	09-11	30.5			20.7						16.1	32.6	5.3	917
	12-14	26.7	2.2		22.0	1.5	.4	.8		4.3	16.9	26.2	5.3	931
	15-17	27.9			23.6						15.4	33.1	5.4	929
	18-20	34.3	2.2		18.1	.9	.1	.9		3.1	11.7	28.8	4.8	973
	21-23	45.3			12.5						12.8	29.4	4.5	928
TOTALS		36.4	.8		16.6	.5	.2	.4		1.6	13.3	30.5	4.9	7351

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

MCGHEE TYSON AIRPORT TN

STATION — CITY NAME — STATE — NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN SKY COVER	STA.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-03	37.9	.7		1.6	3.7	.7	.6		1.7	8.2	45.5	5.2	69
	03-06	37.1			5.0						11.1	46.	.7	69
	06-09	29.7	.7		11.9	.7	.7	.6		2.7	13.7	39.7	5.3	69
	09-11	21.1			16.7					.7	17.1	45.3	.7	69
	12-14	19.7	.7		15.2	.6	.7	.9		2.1	15.	43.	.7	69
	15-17	24.			15.9						9.	43.2	.7	69
	18-21	37.1	.9		12.7	.9	.7	.9		1.7	12.7	40.2	5.9	69
	21-23	37.4			12.4						12.4	37.9	5.7	69
TOTALS		29.5	.4		17.2	.5	.3	.4		1.2	13.2	41.3	5.2	7156

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

CL FAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: FATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	REPORT	YEARS
72[illegible]	NASHVILLE TYSON AIRPORT TN	[illegible]	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	0-02	33.7	.4		9.4	.1	.7	1.7		1.4	7.0	44.7	5.9	925
	03-05	33.9			8.8						9.8	47.4	5.9	917
	06-08	28.1	.8		9.7	.7	.7	1.1		1.9	9.5	49.7	6.3	917
	09-11	21.9			15.5	.1					15.9	46.6	6.6	909
	12-14	20.7	1.4		14.1	.4	.5	1.7		2.7	14.3	45.3	6.5	929
	15-17	23.1			13.7						13.3	44.9	6.6	917
	18-20	27.6	.9		1 .0	.4	.4	.5		2.2	9.2	47.5	6.2	933
	21-23	33.8			10.4						9.7	46.1	5.8	929
TOTALS		27.5	.4		11.8	.2	.2	.5		1.1	11.7	46.7	6.2	7408

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

723286	MCGHEE TYSON AIRPORT TN	73-82	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	20.5	.3		12.6	.3	.2	.5		.9	11.9	54.9	7.0	7422
FEB		24.8	.4		10.8	.3	.3	.4		1.1	12.3	49.7	6.5	6750
MAR		21.4	.5		12.3	.6	.3	.3		1.4	14.3	49.0	6.7	7425
APR		26.8	.5		15.9	.5	.2	.5		1.5	16.2	37.7	5.9	7192
MAY		20.7	.6		18.6	.6	.3	.6		1.6	16.6	40.5	6.3	7392
JUN		22.2	.8		24.6	.7	.5	.8		2.1	19.0	29.3	5.7	7172
JUL		21.8	.8		25.7	1.0	.8	.8		2.1	19.9	27.1	5.6	7388
AUG		24.5	.9		23.2	.8	.6	.7		2.3	19.3	28.1	5.5	7353
SEP		22.5	.7		18.9	.8	.4	.8		1.9	19.1	35.1	6.1	7124
OCT		36.4	.8		16.6	.5	.2	.4		1.6	13.3	30.5	4.9	7351
NOV		29.5	.4		13.2	.5	.3	.4		1.2	13.2	41.3	5.9	7166
DEC		27.5	.4		11.8	.2	.2	.5		1.0	11.7	46.7	6.2	7408
TOTALS		24.9	.6		16.9	.6	.4	.6		1.5	15.6	39.2	6.0	87143

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 (σx). The number of observations used in the computation for each element is also shown.

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

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

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

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

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

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

723260 MCGHEE TYSON AIRPORT TN 48-83
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
100	-	-	-	-	-	.4	.2	.3	.5	-	-	-	.2
95	-	-	-	-	-	2.8	9.1	6.4	2.4	-	-	-	1.8
90	-	-	-	.1	3.3	19.4	36.9	31.0	10.7	.4	-	-	8.6
85	-	-	.1	4.4	21.4	56.1	75.8	73.1	36.8	3.0	-	-	22.8
80	-	.1	2.2	20.4	49.0	83.3	93.6	94.4	64.7	15.7	.9	.1	35.7
75	.3	.8	9.8	37.7	72.4	95.3	98.3	98.6	83.2	38.6	4.4	.7	45.4
70	2.6	5.4	22.3	57.8	86.1	98.8	100.0	99.7	94.4	60.6	17.4	3.3	54.4
65	9.1	14.7	38.3	73.9	95.2	99.5		99.9	98.5	77.7	34.4	11.2	63.0
60	17.1	26.9	52.8	86.9	98.7	100.0		100.0	99.8	89.9	51.9	19.7	72.5
55	27.7	41.7	69.2	93.9	99.7				99.9	96.3	66.1	32.9	77.4
50	40.6	57.3	82.3	98.2	100.0				100.0	98.7	80.1	49.4	84.0
45	56.1	71.1	91.3	99.6						99.8	89.2	69.7	89.8
40	71.5	84.8	96.2	100.0						100.0	96.1	85.5	94.5
35	86.3	93.2	98.7								99.1	93.1	97.5
30	95.0	97.4	99.7								99.7	98.2	99.2
25	97.9	99.2	100.0								99.9	99.6	99.7
20	98.9	99.9										99.9	99.9
15	99.6	100.0										100.0	100.0
10	99.9										100.0		100.0
5	100.0												100.0
MEAN	47.1	51.6	60.1	70.6	78.3	84.8	87.6	87.1	81.6	71.0	58.9	50.2	69.1
S D	11.787	11.444	11.092	9.404	7.471	5.687	5.245	5.045	7.080	8.524	10.516	10.479	16.984
TOTAL OBS	1116	1017	1116	1080	1116	1080	1116	1116	1050	1085	1050	1085	13027

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 48-83 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75	.	.	.	.	.	.9	2.5	.6	.1	.	.	.	.4
70	.	.	.	.1	1.1	11.9	39.2	33.3	6.4	.	.	.	8.0
65	.	.	.3	1.3	12.0	55.5	86.1	78.9	36.5	2.6	.3	.1	23.1
60	.3	.2	1.9	11.2	41.7	81.6	96.2	94.0	62.8	10.6	1.4	.4	33.8
55	1.5	1.8	6.0	27.4	63.8	95.3	99.5	99.7	82.1	26.6	6.4	2.1	43.0
50	4.2	6.0	15.7	45.6	81.6	99.2	100.0	100.0	94.2	45.0	13.9	5.3	51.2
45	9.1	12.3	29.8	63.1	92.3	99.7	.	.	99.1	64.8	25.7	11.0	59.2
40	18.5	22.3	46.1	79.3	98.5	100.0	.	.	99.9	84.2	40.0	20.3	67.7
35	31.3	39.3	63.2	92.6	99.9	.	.	.	100.0	95.2	61.3	36.4	76.8
33	38.1	46.0	72.7	96.2	100.0	.	.	.	.	97.6	70.4	44.2	80.6
30	50.6	58.6	83.0	98.6	.	.	.	.	.	99.3	83.2	57.9	86.0
25	68.9	77.0	95.2	100.0	.	.	.	.	.	100.0	94.5	77.7	92.8
20	81.5	88.2	98.5	.	.	.	.	.	.	.	98.5	90.9	96.5
15	90.4	95.0	99.5	.	.	.	.	.	.	.	99.6	97.0	98.5
10	95.6	97.5	99.8	.	.	.	.	.	.	.	99.9	99.3	99.3
5	98.1	99.2	99.9	.	.	.	.	.	.	.	100.0	99.8	99.8
0	99.1	99.9	100.0	.	.	.	.	.	.	.	.	99.9	99.9
-5	99.7	100.0	.	.	.	.	.	.	.	.	.	100.0	100.0
-10	100.0	.	.	.	.	.	.	.	.	.	.	.	100.0
MEAN	29.4	31.8	38.9	47.9	56.5	64.2	68.2	67.3	61.2	48.4	38.2	31.9	48.7
S D	11.455	10.712	9.768	8.967	7.241	5.169	3.829	4.072	6.668	8.660	9.489	9.949	16.260
TOTAL OBS	1116	1017	1116	1080	1116	1080	1116	1116	1050	1085	1050	1085	13027

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
723260 MCGHEE TYSON AIRPORT TN 45-83
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
90							.1						.0
85						1.2	4.3	1.7	.5				.7
80					.8	13.7	35.7	31.3	7.0				7.5
75			.1	1.3	13.9	55.5	83.9	79.5	35.7	1.8			22.9
70		.1	1.0	12.6	45.0	87.6	97.6	96.7	65.1	10.3	.8	.2	35.1
65	.5	.9	6.5	31.2	71.1	97.1	99.9	99.7	86.7	29.5	3.6	1.0	44.3
60	3.0	4.1	17.3	51.4	86.8	99.4	100.0	100.0	96.9	53.6	12.8	3.8	52.8
55	7.7	10.6	31.4	71.4	96.2	100.0			99.6	75.4	27.2	10.0	61.1
50	16.3	23.3	49.6	87.6	99.6				99.9	90.7	46.8	18.4	69.6
45	28.4	40.8	68.7	96.1	100.0				100.0	98.1	68.2	33.1	77.9
40	45.6	58.7	86.0	99.3						99.6	83.1	55.9	85.8
35	64.5	77.0	95.2	100.0						100.0	94.6	77.3	92.4
30	80.4	88.4	98.3								98.7	90.7	96.4
25	91.0	95.6	99.6								99.5	96.5	98.5
20	95.5	98.2	99.7								99.9	99.3	99.4
15	98.4	99.4	100.0									99.8	99.8
10	99.2	99.9									100.0	99.9	99.9
5	99.9	100.0										100.0	100.0
-5	100.0												100.0
MEAN	38.5	41.9	49.8	59.5	67.7	74.7	78.2	77.5	71.6	60.0	48.8	41.3	59.1
S D	10.945	10.267	9.569	8.274	6.534	4.746	3.869	3.845	6.021	7.601	9.082	9.472	16.217
TOTAL OBS	1116	1017	1116	1080	1116	1080	1116	1116	1050	1085	1050	1085	13027

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 48-87 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	7[illegible]	75	82	86	87	97	99	102	9[illegible]	8[illegible]	84	7[illegible]	102
49	76	75	83	80	89	94	97	96	89	87	76	69	97
50	77	71	81	86	89	94	91	9[illegible]	91	84	81	68	94
51	69	75	76	87	91	98	98	96	100	91	73	77	100
52	75	69	78	85	89	101	103	93	92	86	75	67	103
53	66	65	76	85	92	99	98	98	99	91	75	69	99
54	64	73	82	86	9[illegible]	100	101	99	103	9[illegible]	73	71	103
55	7[illegible]	73	77	88	91	89	97	97	96	83	76	73	97
56	63	71	79	87	91	92	95	97	9[illegible]	84	77	73	97
57	73	72	73	9[illegible]	90	95	95	98	97	77	76	68	98
58	63	66	65	84	89	96	93	91	91	82	79	63	96
59	72	72	79	84	93	96	96	95	91	89	76	67	96
60	71	71	75	89	9[illegible]	91	94	95	96	82	74	58	96
61	6[illegible]	73	77	79	82	87	89	9[illegible]	92	82	83	68	92
62	7[illegible]	74	76	88	94	91	96	95	96	84	68	66	96
63	68	67	86	86	88	91	88	92	89	83	73	51	92
64	65	56	78	84	87	96	92	93	89	82	75	73	96
65	68	73	74	89	90	89	91	96	92	83	73	7[illegible]	96
66	66	66	83	83	86	94	98	89	88	81	71	72	98
67	72	70	81	85	90	92	87	89	87	83	72	74	92
68	65	57	81	84	88	91	93	99	88	84	77	64	99
69	69	65	73	82	92	93	95	90	88	83	69	65	95
70	67	63	72	87	89	92	97	93	90	83	72	75	97
71	65	71	78	85	84	93	92	89	90	85	77	73	93
72	72	75	75	83	84	91	93	90	90	76	77	69	93
73	66	64	84	83	83	89	89	93	94	82	74	70	94
74	70	68	79	84	88	90	92	92	88	81	82	69	92
75	71	72	78	84	90	91	94	94	96	82	76	69	96
76	65	74	82	87	87	90	93	91	89	80	71	68	93
77	49	83	80	85	90	95	97	96	91	83	74	69	97
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AWS 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 46-83 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	63	62	81	86	87	96	94	90	91	81	77	75	96
79	67	68	79	83	86	89	88	94	89	83	78	69	94
80	61	76	74	87	88	92	101	100	92	81	72	68	101
81	61	70	82	83	85	92	98	95	88	86	76	64	98
82	66	75	81	82	88	88	92	91	89	86	80	80	93
83	61	67	80	81	85	90	95	101					
MEAN	67.2	69.9	78.3	84.9	88.3	92.9	94.5	94.1	91.7	83.8	75.5	69.2	96.3
S D	5.267	5.443	4.092	2.511	2.726	3.454	3.843	3.634	3.892	3.354	3.681	5.233	3.102
TOTAL OBS	1116	1017	1116	1080	1116	1080	1116	1116	1050	1085	1050	1085	13027

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

8 (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

723265 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 48-83 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	2	20	22	38	43	52	59	57	52	29	30	14	2
49	22	24	19	30	46	56	67	60	41	40	27	20	19
50	24	19	23	26	53	51	57	56	44	40	5	17	5
51	16	5	24	33	42	56	58	60	46	38	22	9	5
52	15	23	27	33	41	62	55	56	49	25	23	19	15
53	24	22	28	31	47	55	59	59	46	34	21	9	9
54	11	20	21	33	37	52	63	61	51	28	17	21	11
55	14	6	14	35	48	51	65	65	56	33	15	17	6
56	17	28	25	32	44	43	57	53	45	40	21	28	17
57	11	25	30	33	39	62	61	56	49	28	24	5	5
58	17	-2	26	32	39	58	63	58	48	35	24	10	-2
59	6	15	25	33	43	55	63	63	54	36	17	22	6
60	15	7	6	27	41	56	63	65	51	33	26	7	
61	5	20	31	31	39	54	51	58	47	29	26	9	5
62	1	13	27	29	44	56	57	58	43	25	26	-2	-2
63	-6	5	28	34	34	56	54	56	43	31	25	8	-6
64	7	17	22	27	44	52	57	53	47	33	20	16	7
65	8	3	18	39	51	53	60	56	47	32	23	20	3
66	-9	8	23	32	40	44	64	55	50	37	25	14	-9
67	19	5	21	36	41	55	52	57	36	30	21	21	5
68	11	8	20	36	40	52	61	53	51	29	22	14	8
69	7	20	18	31	40	51	62	58	49	32	16	19	7
70	-4	0	20	32	42	56	59	63	45	38	13	17	-4
71	14	3	21	34	35	54	63	59	55	40	26	22	3
72	1	15	23	29	45	44	55	61	45	32	25	13	1
73	11	13	29	28	38	59	60	58	48	38	26	15	11
74	28	16	30	35	43	50	62	61	48	33	26	19	16
75	15	18	18	29	45	55	60	66	48	35	23	11	11
76	7	16	26	34	38	50	58	56	44	27	16	11	7
77	-1	14	23	36	39	48	64	60	54	35	28	10	-1
MEAN													
S.D													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 66 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

72326 MCGHEE TYSON AIRPORT TN 45-83
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	4	10	17	35	44	55	62	65	56	35	34	19	4
79	9.	4.	29.	34.	38.	54.	63.	58.	57.	34.	19.	19.	4
80	18	12	1	35	41	51	60	66	52	35	24	14	1
81	7.	2.	25.	36.	41.	61.	63.	64.	46.	34.	22.	10.	2
82	-5	17	27	27	45	53	60	59	44	30	23	18	-5
83	16.	15.	23.	25.	41.	46.	58.	61.	.	.	.	.	
MEAN	9.7	12.9	22.5	32.2	42.0	53.3	59.8	59.2	48.3	33.2	22.1	14.6	8.9
S D	8.773	7.790	6.250	3.440	4.018	4.583	3.621	3.676	4.736	4.215	5.248	5.967	6.419
TOTAL OBS	1116	1017	1116	1080	1116	1080	1116	1116	1050	1085	1050	1085	13027

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

2

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

PSYCHROMETRIC SUMMARY

... MEMPHIS TOCA AIRPORT TN 74-87 JA...
STATION STATION NAME YEARS MONTH

DATE 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
.../ 85			.1	.0																	
.../ 83			.1	.1																	
.../ 81			.1		.	.2															
.../ 79		.0	.0																		
.../ 77		.1	.1																		
.../ 75	.0	.0	.1																		
.../ 73	.1	1.0		.2		.1															
.../ 71	.0	1.3		.2		.1															
.../ 69		.4	.1			.1															
.../ 67	.1	1.7	.9	.1	.1	.0	.1														
.../ 65	.3	2.2	.3	.2	.1	.0															
.../ 63	.1	1.3	1.4	.7	.1																
.../ 61	.1	2.5	.9	.6																	
.../ 59	.2	3.1	1.3	.3	.1																
.../ 57	.4	2.7	1.2	.9	.2																
.../ 55	1.9	4.1	1.7	.5	.1																
.../ 53	1.5	4.2	1.6	.8																	
.../ 51	.8	3.7	3.7	.4																	
.../ 49	1.3	4.0	3.1	.5																	
.../ 47	1.0	1.8	2.0	.1																	
.../ 45	.6	2.9	1.5	.3																	
.../ 43	.1	2.4	1.7	.1																	
.../ 41	.4	1.3	.6																		
.../ 39	.0	1.6	.2																		
.../ 37	.5	2.4	.2																		
.../ 35	.2	1.4	.3																		
.../ 33		.7																			
.../ 31		.5																			
.../ 29		.1																			
.../ 27		.3																			
.../ 25		.2																			
.../ 23		.1																			
.../ 21		.1																			
.../ 19		.1																			
.../ 17		.1																			
.../ 15		.1																			
.../ 13		.1																			
.../ 11		.1																			
.../ 9		.1																			
.../ 7		.1																			
.../ 5		.1																			
.../ 3		.1																			
.../ 1		.1																			
.../ -1																					

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | 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
-/-																					
-/-																					
-/-																					
-/-11																					
-/-12																					
-/-1																					
-/-17																					
[illegible]																					

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.	[illegible]6467	72631	7[illegible].1	13.[illegible]59	93[illegible]							
Dry Bulb	121[illegible]332	31162	34.3	11.586	93[illegible]	.[illegible]	30.6					
Wet Bulb	1 7663	2[illegible]7[illegible]	3[illegible].1	11.724	93[illegible]	.[illegible]	49.4					53
Dew Point	886413	25[illegible]1	27.9	13.[illegible]1[illegible]	93[illegible]	1.7	56.5					93

USAFETAC FORM AS 84 0265 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

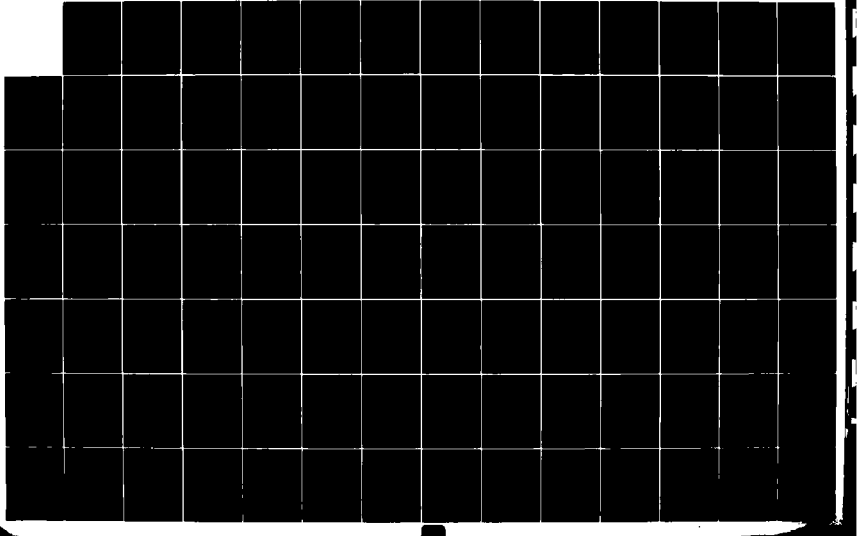
STATION _____ STATION NAME _____ YEARS _____ MONTH _____

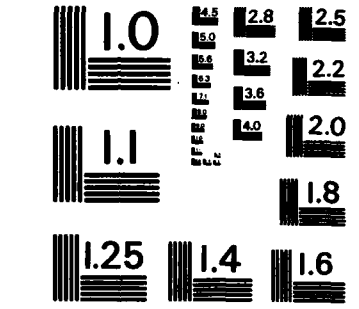
HOURS L.S.T.

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
/																					
/																					
/																					

AD-A140 245 MCGHEE-TYSON AIRPORT TENNESSEE REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 30 JAN 84 4/5

UNCLASSIFIED USAFETAC/DS-84/006 SBI-AD-E850 814 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 — STATION
MCGHEE TYSON AIRPORT TN — STATION NAME
74-83 — YEARS
JAN — 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
-6/ -5																					1
-4/ -7																					1
-8/ -9																					3
-10/-11																					4
-12/-13																					3
-14/-15																					2
TOTAL	13.	96	1.	19.2	3.8	1.9	.3											930	930	930	930

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	6105198	74344	79.9	13.212	930							
Dry Bulb	1145055	30717	33.0	11.852	930	.7	44.2					93
Wet Bulb	1026560	28972	31.2	11.553	930	.8	51.2					93
Dew Point	859297	25355	27.3	13.449	930	2.0	61.3					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

723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | JAN MONTH

PAGE 1 | 2600-2800 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					.7													3	3		
64/ 63		.2																2	2		
62/ 61		.1	.3															4	4	2	
60/ 59		.6	.4															10	10	4	3
58/ 57	.1	.8	.3															11	11	15	4
56/ 55	.1	.9	.1															10	10	11	16
54/ 53	.3	1.3		.1														16	16	10	8
52/ 51		.4	.3	.1														8	8	14	17
50/ 49	.1	1.2	.2															14	14	5	10
48/ 47	.9	1.4	.1	.1	.4													27	27	25	19
46/ 45	.5	1.8	.1	.2														25	25	22	15
44/ 43	.3	2.4	.4	.4	.1													34	34	22	21
42/ 41	.8	3.8	.3	.2	.3													50	50	41	34
40/ 39	1.0	3.3	1.2	.3	.2													56	56	49	29
38/ 37	.8	4.0	1.1	.1														55	55	46	30
36/ 35	.5	3.4	1.7	.4	.2													59	59	56	40
34/ 33	1.6	5.6	2.9	.2														96	96	72	48
32/ 31	1.0	3.1	2.3															59	59	77	83
30/ 29	1.3	4.4	1.2	.1														65	65	63	43
28/ 27	1.4	4.6	.9															68	68	81	57
26/ 25	1.1	2.0	1.6	.2														46	46	60	59
24/ 23	.6	1.4	.2															21	21	40	44
22/ 21	.6	1.4	.3	.1														23	23	31	60
20/ 19	1.7	2.5	.3															42	42	30	50
18/ 17	.4	2.9	.2															33	33	38	38
16/ 15	.3	1.7	.3															22	22	25	26
14/ 13	.2	1.4																15	16	23	34
12/ 11	.9	1.3	.1															21	21	18	26
10/ 9	.4	1.1	.1															15	15	16	25
8/ 7	.1	.8																8	8	14	28
6/ 5		.3																3	3	4	8
4/ 3		.3																3	3	3	9
2/ 1																				3	18
0/ -1	.3	.3																6	6	3	3

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JAN (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
-2/ -3		.3																	3	3	4	4
-4/ -5																					2	2
-8/ -9																						4
-11/-11																						6
-12/-13																						4
-16/-17																						3
TOTAL	17.4	61.1	17.1	2.7	1.6														929	930	929	929

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6239692	75212	81.0	12.736	929							
Dry Bulb	1102617	29955	32.2	12.178	930	.9	45.7					93
Wet Bulb	997352	28362	30.5	11.903	929	.9	53.6					93
Dew Point	842935	24925	26.8	13.701	929	2.3	63.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723260 MCGHEE TYSON AIRPORT TN 74-83 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 ~~0000-1100~~ 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				
64/ 67				.1	.1													2	2		
66/ 65			.1	.5	.3													9	9		
64/ 63		.1	.1	.2														4	4		
62/ 61			.1	.1														2	2	6	
60/ 59		.4	.5	.1		.1												11	11	7	3
58/ 57		.6	.2	.1		.1												10	10	10	5
56/ 55	.1	.9	.5	.2	.2													18	18	12	14
54/ 53	.3	1.1	.4	.1		.4	.1											23	23	15	14
52/ 51		1.0	.3		.1	.1												14	14	17	16
50/ 49	.2	.8	.6		.4													19	19	19	16
48/ 47	.8	1.4	.6	.4														30	30	21	22
46/ 45	.3	1.9	.6	.6		.1												34	34	23	20
44/ 43	.3	2.3	.6	.6	.4													40	40	39	28
42/ 41	.4	2.9	1.8	.8	.3													54	54	49	34
40/ 39	.6	3.3	2.3	.5	.2													65	65	38	41
38/ 37	.1	4.1	1.5	1.1														63	63	54	21
36/ 35	.8	3.7	2.6	.8	.1													73	73	74	40
34/ 33	1.1	4.8	3.7	.5	.1													94	94	77	63
32/ 31	.5	3.9	1.9	1.2	.2													72	72	85	74
30/ 29	.3	2.9	2.0	.2														51	51	66	65
28/ 27	.6	2.4	.9	.6														42	42	54	57
26/ 25	.2	2.8	1.5	.2														88	88	60	52
24/ 23	.1	1.6	.8															23	23	42	37
22/ 21	.4	2.2	1.1															38	38	33	51
20/ 19	.5	1.9	.2	.1														25	25	34	56
18/ 17		1.3	.6															18	18	24	25
16/ 15	.1	1.7	.1															18	18	16	27
14/ 13		1.1	.2															12	12	17	33
12/ 11	.1	.3	.1															5	5	11	30
10/ 9	.1	.6																7	7	9	24
8/ 7			.2															2	2	4	17
6/ 5		.4																8	8	3	9
4/ 3		.2																2	2	4	11
2/ 1		.4																8	8	2	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	≥ 75 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

723260 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-83 (YEARS) JAN (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				
0/ -1		.1																1	1	3	3
-2/ -3																				1	
-4/ -5		.1																1	1		8
-6/ -7																				1	4
-8/ -9																					2
-10/-11																					1
-12/-13																					1
-14/-15																					2
-16/-17																					1
-18/-19																					1
TOTAL	8.1	53.1	26.0	9.2	2.6	.9	.1											930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5583988	70804	76.1	14.430	930							
Dry Bulb	1268267	32549	35.0	11.788	930	.2	36.5	.2				93
Wet Bulb	1107912	30290	32.6	11.430	930	.5	56.9					93
Dew Point	896120	25936	27.9	13.639	930	2.3	60.1					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

2

723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | JAN MONTH

PAGE 1 1230 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					.2													2	2		
68/ 67				.6	.6	.2												14	14		
66/ 65				.5	.1	.2	.1	.1										10	10		
64/ 63			.1	.1	.3		.3											8	8	3	
62/ 61		.1	.1	.2	.2	.3												9	9	6	
60/ 59		.6	.2	.1	.8	.4												20	20	14	3
58/ 57	.1	.6	.5	.3	.3		.1	.1										20	20	12	17
56/ 55	.2	1.0	.2	.6	.1	.1	.4											25	25	18	17
54/ 53	.3	.8	.2	.4	1.1	.2	.4											32	32	21	12
52/ 51	.1	.9	.6	.5	.9	.5	.1											34	34	28	19
50/ 49	.2	.4	1.2	1.6	.3	.8	.2											44	44	24	18
48/ 47	.1	1.3	1.5	.9	.5	1.1												50	50	21	13
46/ 45	.2	2.3	1.0	1.3	1.2	.3												58	58	49	28
44/ 43	.5	1.5	.6	1.7	1.2	.4												58	58	67	42
42/ 41	.1	1.8	1.9	1.3	1.5	.4												61	61	41	37
40/ 39	.2	1.8	2.7	1.6	.6	.2												67	67	59	33
38/ 37	.3	1.5	1.4	1.7	1.2	.1												58	58	72	42
36/ 35	.4	1.9	1.7	1.7	1.3	.1												67	67	71	48
34/ 33	.2	3.0	2.4	1.4	1.0													74	74	65	38
32/ 31		1.1	2.8	1.8	.6													51	51	60	78
30/ 29	.2	1.1	2.2	1.4	.1													46	46	71	45
28/ 27		1.2	1.9	.8	.1													37	37	45	51
26/ 25		.8	1.0	.3														19	19	34	46
24/ 23		.2	.9	.3														13	13	43	36
22/ 21		.1	1.4															14	14	17	47
20/ 19		.3	1.1															13	13	15	53
18/ 17		.3	1.0															12	12	14	17
16/ 15		.2	.3															5	5	16	41
14/ 13		.3	.1															4	4	7	29
12/ 11			.1															1	1	5	26
10/ 9		.1	.1															2	2	1	27
8/ 7		.1	.3															4	4	3	18
6/ 5		.1																1	1	4	11
4/ 3		.1																1	1	1	13

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 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
0/ 1																				1	7
-0/ -1																					2
-2/ -3																					7
-4/ -5																					3
-6/ -7																					3
-8/ -9																					1
-10/-11																					1
-16/-17																					1
-18/-19																					1
TOTAL	3	325	629	121	13	5	5	1	7	0								930	93	930	93

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.	4318505	61119	65.7	18.029	930							
Dry Bulb	1635450	37478	40.3	11.606	930		22.3	1.6				93
Wet Bulb	1320801	33509	36.0	11.050	930		35.7					93
Dew Point	963810	26886	28.9	14.155	930	2.7	56.5					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

72406 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | JAN MONTH

PAGE 1 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					.2	.3		.2										9	9		
68/ 67				.1	.2	.4	.1											11	11		
66/ 65		.1	.3	.2	.1	.1	.5											13	13		
64/ 63		.1	.1	.3	.1	.1												7	7	3	
62/ 61		.8	.2	.1	.3	.4	.5	.1	.2									25	25	9	3
60/ 59		.2	.9	.5	.5			.4										24	24	21	6
58/ 57		.8	.5	.2	.2	.4	.4	.2										26	26	8	7
56/ 55	.2	.6	.2	.1	.4	.4	.6	.1										27	27	20	16
54/ 53	.1	.8	.1	.5	1.2	.9	.3	.2										39	39	23	23
52/ 51		.5	.4	1.0	1.4	.6	.4											41	41	23	18
50/ 49		.4	1.1	1.2	.5	.6	.2											44	44	12	14
48/ 47	.3	1.9	1.2	1.7	1.9	1.3												76	76	33	16
46/ 45	.5	.4	.8	1.1	.9	1.5	.4											52	52	70	58
44/ 43	.3	.6	.8	1.9	.6	.2	.3											45	45	57	26
42/ 41	.1	2.0	1.6	1.4	2.1	.1	.2											70	70	46	24
40/ 39	.2	1.3	1.4	1.1	1.3	1.4												62	62	69	32
38/ 37	.1	2.0	.9	1.3	1.7	.2												58	58	78	45
36/ 35	.6	1.9	1.3	1.5	1.3	.4												66	66	63	66
34/ 33	.2	1.9	1.6	1.2	.5	.2												53	63	44	
32/ 31	.1	1.1	1.5	2.0	1.2	.1												56	56	70	68
30/ 29	.2	.6	1.5	1.1														32	32	51	52
28/ 27		.8	1.0	1.0	.2													27	27	49	42
26/ 25		.1	1.2	1.1														22	22	49	46
24/ 23		.1	.8	.3														11	11	33	29
22/ 21		.1	.9															8	8	24	47
20/ 19		.1	.2															3	3	14	43
18/ 17		.1	.9															9	9	8	33
16/ 15			.8															7	7	3	35
14/ 13			.2															2	2	3	30
12/ 11																				6	29
10/ 9																				2	28
8/ 7			.3															3	3		15
6/ 5																				3	17
4/ 3																					7

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 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72:26? MCGHEE TYSON AIRPORT TN 74-83 JAN
STATION STATION NAME YEARS MONTH

PAGE ? 15??-17??
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																					5
/ -1																					1
-?/ -3																					5
-4/ -5																					1
-6/ -7																					3
-18/-19																					1
-?/-21																					1
TOTAL	6.	11	9.	7	22.	4	21.	17.5	9.9	4.8	1.4	.2							?3?		93
																		93?		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.	3852152	56?36	61.2	19.86	93?							
Dry Bulb	1798552	39488	42.5	11.45	93?		18.?	2.0				93
Wet Bulb	1396883	34641	37.2	10.71	93?		32.?					93
Dew Point	965112	26836	28.9	14.32	93?	2.6	55.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | JAN MONTH

PAGE 1 | 1800-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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													2	2		
66/ 65		.1			.2													3	3		
64/ 63		.2	.3		.1	.1												8	8	4	1
62/ 61		.3	.2	.3	.2													10	10	3	1
60/ 59	.2	.4	.4	.3	.2	.1												16	16	11	7
58/ 57		.5	1.0	.4	.5	.1												24	24	8	4
56/ 55		1.2	.2	.4	.4	.1	.3											25	25	19	6
54/ 53		.8	.6	.3	.2	.4	.3											25	25	24	19
52/ 51	.3	.4	.2	.3	.6	.2		.1										21	21	24	28
50/ 49	.3	.6	.6	1.3	.6	.5	.1											39	39	14	11
48/ 47	.2	2.6	.3	1.0	1.1	.2												50	50	24	14
46/ 45	.3	1.4	.9	1.1	.3	.5	.1											43	43	40	30
44/ 43	.5	1.3	1.4	1.7	.7	.3												52	52	50	34
42/ 41	.1	2.7	1.9	1.3	.6	.2												65	65	54	23
40/ 39	.4	2.5	2.4	1.6	1.0	.1												74	74	61	32
38/ 37	.3	3.8	1.5	2.4	1.2													85	85	78	45
36/ 35	.9	2.3	2.2	2.2	.9													74	74	79	65
34/ 33	.5	2.0	2.0	1.1	.3													56	56	73	59
32/ 31		2.7	2.5	1.8	.4													69	69	86	79
30/ 29	.1	.9	1.9	.8	.1													35	35	74	36
28/ 27	.2	.9	1.7	.6														32	32	47	36
26/ 25		.9	1.1	.2														20	20	43	62
24/ 23		.5	1.6	.3														23	23	37	22
22/ 21		.4	2.2	.2														26	26	19	45
20/ 19		.9	1.2															19	19	26	58
18/ 17		.5	.9															13	13	23	33
16/ 15		.4	.6															10	10	14	27
14/ 13		.3	.1															4	4	14	27
12/ 11		.2																2	2	7	27
10/ 9		.1																1	1	2	24
8/ 7		.1	.1															2	2	1	16
6/ 5																				1	10
4/ 3																				1	12
2/ 1		.1																1	1		9

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) AM 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | JAN MONTH

PAGE [illegible] | 1 [illegible] 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																1	1	1	1
-2/ -3																				1	2
-4/ -5																					1
-16/-17																					1
-18/-19																					
TOTAL	4.5	32.3	19.7	9.5	3.0	.9	.1											930	[illegible]	930	927

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4693562	63982	69.8	17.721	930							
Dry Bulb	1508345	36203	38.7	11.105	930	.1	25.8	.2				93
Wet Bulb	1250628	32592	35.0	10.804	930	.2	37.1					93
Dew Point	941323	26627	28.6	13.879	930	2.9	55.1					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

2

[illegible] MCGHEE TYSON AIRPORT TN 74-87 APR
STATION STATION NAME YEARS MONTH

PAGE [illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]			.1															1		[illegible]		
[illegible]			.2															[illegible]		[illegible]		
[illegible]		.1	.4	.1	.1	.1												[illegible]		[illegible]		
[illegible]	.1	.4	.6	.3		.1												[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.1		.6															[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		1.1	.6	.5	.1													[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		1.3	.7	.3	.1		.2											1		21	24	[illegible]
[illegible]	.1	.2	.8	.1	.1	.2												[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.1	.6	.6	.3	.5	.1												[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.3	2.6	.5	.9	.3													[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		1.4	.8	1.2	.7													[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		2.7	1.6	.2	.1	.1												[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.6	1.6	1.4	.4		.7												[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.2	3.2	1.3	1.6	.3													[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.6	5.5	1.7	1.5														[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	1.8	3.5	2.9	1.7	.2													[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		7.1	2.7	.2														[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.1	4.3	3.5	.6														[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.9	5.1	2.9	.6														[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.2	1.6	1.7															[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.3	2.4	.9	.1														34		34	[illegible]	[illegible]
[illegible]		1.2	.6															[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.2	1.2	2.3															34		34	[illegible]	[illegible]
[illegible]	.1	2.3	1.1															[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.3	1.1	.9															[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		1.2	.4															[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		1.2	.3															[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		.6	.1															[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		.3																[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		.1																[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		.1																[illegible]		[illegible]	[illegible]	[illegible]
[illegible]																		[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		.2																[illegible]		[illegible]	[illegible]	[illegible]

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72736 — STATION
MEMPHIS TYSON AIRPORT TN — STATION NAME
74-87 — YEARS
JULY — MONTH
PAGE — 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/-3		.1																1	1	1	1
-4/-9																					1
-6/-7																					1
-14/-15																					1
TOTAL	.9	47.	23.	16.	10.9	2.4	.9	.2										930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5414131	69619	74.9	14.766	930							
Dry Bulb	1302244	33163	35.7	11.265	930	.3	35.3					93
Wet Bulb	1126168	30710	33.0	10.984	930	.3	45.2					93
Dew Point	897914	26120	28.1	13.299	930	1.7	57.1					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFG WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723063 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | JAN MONTH

PAGE 1 | 111 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] / 69					.1	.0		.[illegible]										11	11		
68/ 67				.1	.2	.1	.0											29	29		
66/ 65		.0	.1	.2	.1	.0	.1	.[illegible]										42	42		
64/ 63		.1	.2	.1	.1	.1	.0											41	41	7	1
62/ 61		.0	.3	.1	.1	.1	.1	.	.0									71	71	30	4
60/ 59	.1	.5	.5	.2	.2	.1		.1										113	113	73	7
58/ 57	.0	.6	.5	.1	.1	.1	.1	.										116	116	83	52
56/ 55	.1	.9	.3	.2	.2	.1	.2	.1										149	149	125	68
54/ 53	.2	1.1	.2	.3	.3	.3	.2	.[illegible]										192	192	142	109
52/ 51	.1	.6	.3	.3	.4	.2	.1	.[illegible]										145	145	147	153
50/ 49	.3	.8	.7	.6	.4	.3	.2											244	244	118	118
48/ 47	.4	1.8	.6	.6	.6	.3												326	326	191	133
46/ 45	.3	1.6	.7	.7	.4	.3	.1											300	300	280	191
44/ 43	.3	2.1	.9	1.0	.3	.1	.0											364	364	315	217
42/ 41	.4	2.9	1.3	.7	.6	.1	.[illegible]											459	459	400	257
40/ 39	.5	2.6	1.8	.9	.1	.2												485	485	439	254
38/ 37	.7	3.5	1.3	1.1	.5	.0												538	538	497	321
36/ 35	.8	3.1	2.3	1.2	.5	.1												568	568	544	425
34/ 33	.7	3.6	2.5	.7	.2	.0												580	580	548	410
32/ 31	.5	3.3	2.5	1.[illegible]	.3	.0												563	563	557	591
30/ 29	.7	2.2	2.3	.6	.[illegible]													408	408	583	402
28/ 27	.5	2.1	1.3	.4	.2													329	329	461	306
26/ 25	.3	1.9	1.1	.3														271	271	428	415
24/ 23	.2	1.0	.7	.1														162	162	332	262
22/ 21	.3	1.1	1.2	.[illegible]														197	197	194	416
20/ 19	.4	1.6	.6	.[illegible]														198	198	195	446
18/ 17	.2	1.4	.6															160	160	212	239
16/ 15	.1	1.1	.4															119	119	136	256
14/ 13	.1	1.0	.1															97	68	121	222
12/ 11	.2	.6	.1															63	63	103	207
10/ 9	.1	.4	.0															39	39	64	207
8/ 7	.0	.3	.1															30	30	30	162
6/ 5		.2																14	14	26	81
4/ 3		.2																12	12	16	85

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

72726 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 74-8[illegible] (YEARS) JAN (MONTH)

PAGE [illegible] 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] / 1		.1																9	9	[illegible]1	1[illegible]2
[illegible] / -1	.1	.2																17	17	11	43
-2 / -3	.	.1																7	7	17	29
-4 / -5		.																1	1	[illegible]	3[illegible]
-6 / -7																				1	12
-8 / -9																					14
-10 / -11																					13
-12 / -13																					6
-14 / -15																					8
-16 / -17																					7
-18 / -19																					7
-20 / -21																					1
TOTAL	9.5	44.6	25.[illegible]	11.7	6.3	2.7	1.[illegible]	.2	.0										7[illegible]		7439
																		7439		74[illegible]	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.	42[illegible]63745	544667	73.2	17.137	7439							
Dry Bulb	10974832	271212	36.5	12.[illegible]95	7440	2.5	286.7	4.0				744
Wet Bulb	9304930	248948	33.5	11.442	7439	3.1	350.0					744
Dew Point	7254529	208548	28.0	13.798	7439	17.0	967.0					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

2

72226 — STATION
MCGHEE TYSON AIRPORT TN — STATION NAME
74-83 — YEARS
FEB — MONTH

PAGE 1 — ~~SORC-82-8~~ NCDC (C. Y. L.)

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
77/ 69								•	•2									3	3		
69/ 67						•1												1	1		
67/ 65				•2	•4													5	5		
64/ 63			•1			•1	•1											3	3		
62/ 61		•1		•1		•1	•1											4	4		
60/ 59		•1	•4	•2	•2	•1	•4											12	12	7	
58/ 57		1•5	1•1	•1		•2	•4											28	28	11	6
56/ 55	•5	1•3	•6			•4	•1											24	24	23	12
54/ 53	1•3	2•2	•1	•1	•1	•1	•2											36	36	32	29
52/ 51	•2	1•4	•2	•2	•5	•8												25	25	29	26
50/ 49	•4	1•1	•6	•5	•2		•1											24	24	22	26
48/ 47	•1	1•4	1•2	•5	•5	•1												32	32	17	12
46/ 45		1•2	1•4	1•1	•4	•1												35	35	32	16
44/ 43	•4	1•4	1•2	•9	•4	•4												39	39	29	17
42/ 41	•1	•7	1•5	•9	•5													33	33	35	28
40/ 39	•2	2•4	2•2	•9	•9													55	55	27	21
38/ 37		3•5	2•4	2•1	•2													73	70	66	27
36/ 35		2•8	3•4	•8														60	60	52	35
34/ 33	•1	3•8	3•1	•6														64	64	66	58
32/ 31	•4	4•7	4•4	•8														87	87	93	70
30/ 29	•1	1•9	2•7	•2														42	42	56	51
28/ 27	•6	2•6	2•8															51	51	51	42
26/ 25	•1	1•7	•9															23	23	63	62
24/ 23		•7	•7															12	12	35	41
22/ 21	•5	1•4	•8															23	23	18	57
20/ 19	•4	3•3	•4															34	34	23	54
18/ 17		1•2																10	10	32	32
16/ 15		•2																2	2	7	38
14/ 13	•2	•2																4	4	3	28
12/ 11	•2																	2	2	4	21
10/ 9		•1																1	1		25
8/ 7		•1																1	1	1	7
6/ 5		•1																1	1	2	2
4/ 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
Ref. 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

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723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | FEB MONTH

PAGE 2 | 0000-0300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 1																					1
-2/ -3																					3
TOTAL	5	8	43	43	2	10	5	4	4	2	1	1	4					846	846	846	846

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.	9812279	62529	73.9	15.22	846							
Dry Bulb	1322170	32054	37.9	11.289	846		29.1	.9				84
Wet Bulb	1125612	29504	34.9	10.696	846		39.5					84
Dew Point	883218	25238	29.8	12.430	846	.3	52.7					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-82 YEARS | FEB 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				
66/ 65			.1	.5	.1													6	6		
64/ 63			.1															1	1		
62/ 61			.1			.2	.4											6	6	2	
60/ 59		.2	.1	.2			.2											7	7	6	
58/ 57	.2	.6	.5			.1	.2											14	14	6	7
56/ 55	.2	2.4	.2		.1	.1												26	26	17	12
54/ 53	1.1	1.9	.5	.1		.2												32	32	32	28
52/ 51	.8	1.4	.5	.2	.1	.4												29	29	31	26
50/ 49	.2	.8	.8	.2	.4													21	21	12	20
48/ 47		2.1	.8															25	25	25	13
46/ 45		1.3	.2	.2														15	15	29	14
44/ 43		2.5	.6	.7	.4	.2												37	37	26	19
42/ 41		2.4	2.1	.6	.5													47	47	20	22
40/ 39		3.1	1.3	1.2	.6													52	52	31	25
38/ 37		5.1	1.3	2.3														71	71	59	32
36/ 35		2.5	1.8	.4														39	39	56	39
34/ 33	.4	4.4	3.1	.2														68	68	57	45
32/ 31	.2	7.1	3.0	.2														89	89	75	73
30/ 29	1.1	2.8	2.3	.2														54	54	97	44
28/ 27	.2	2.6	2.0	.1														42	42	41	54
26/ 25		3.4	.9															37	37	49	58
24/ 23	.1	1.7	.6															20	20	52	43
22/ 21	.5	1.4	.6															21	21	26	48
20/ 19	.8	3.2	.1															35	35	25	61
18/ 17	.4	2.6																25	25	33	39
16/ 15	.2	1.4																14	14	25	31
14/ 13	.2	.2																4	4	4	31
12/ 11		.1																1	1	2	25
10/ 9	.2																	2	2	3	19
8/ 7	.1	.1																2	2	1	7
6/ 5		.1																1	1	2	4
4/ 3		.1																1	1	1	3
-4/ -5																					3

Element (X)	Σ_{Σ}'	Σ_{Σ}	$\bar{X}$	σ_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

2

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | FEB MONTH

PAGE [illegible] 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
TOTAL	7	157	723	7	2	2	1	3										844	844	844	844

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Rel. Hum.	5262076	65682	77.8	13.364	844							
Dry Bulb	1205564	30404	36.0	11.439	844		39.6					84
Wet Bulb	1056651	28391	33.6	10.979	844		43.4					84
Dew Point	862320	24850	29.4	12.450	844	.3	53.9					84

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | FEB MONTH

PAGE 1 [illegible]-2800 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]/ 63			.(															5	5		
62/ 61			.1															1	1		
6 / 59		.5			.1													5	5	6	
58/ 57		.4	.2		.2	.5	.1											12	12	5	11
56/ 55	.1	1.7			.1	.1												17	17	7	5
54/ 53	.7	3.0	.1	.1	.5	.2												39	39	25	20
52/ 51	.5	.7	.1		.2	.2												15	15	28	26
50/ 49	.2	1.7		.2	.2	.1												21	21	15	13
48/ 47	.6	2.2	.6		.1		.1											29	29	24	17
46/ 45		1.2	1.4		.1													23	23	20	19
44/ 43	.4	2.2	1.2	.1														33	33	32	6
42/ 41		2.1	.7	.7	.2													32	32	30	24
40/ 39	.5	2.8	1.5	.8	.6													53	53	35	35
38/ 37	.4	4.4	1.5	.8														60	60	47	32
36/ 35	.1	4.6	1.4	.5														56	56	48	40
34/ 33		5.1	2.2	.1														63	63	80	41
32/ 31	.4	6.4	3.5	.4														90	90	60	76
30/ 29	.9	4.5	1.2															56	56	77	47
28/ 27	.4	3.[illegible]	1.1	.1														38	38	72	38
26/ 25	.4	3.8	.9															43	43	38	73
24/ 23	.4	1.4	.6															20	20	47	44
22/ 21	1.3	.9	.5															23	23	30	49
20/ 19	1.8	2.8																39	39	27	64
18/ 17	.5	3.3																32	32	82	33
16/ 15		2.8																24	24	17	21
14/ 13	.8	.1																8	8	24	35
12/ 11		.4																3	3	1	39
10/ 9																				3	17
8/ 7	.4																	3	3	3	8
6/ 5																					8
4/ 3		.2																2	2	2	5
2/ 1		.1																1	1	1	1
-4/ -5																					3

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | FEB 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	1	562	119	6	3	9	2	F	1	2	.	2									
																		846	846	846	846

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5527576	67546	79.8	12.621	846							
Dry Bulb	1123876	29296	34.6	11.378	846		37.9					84
Wet Bulb	998379	27551	32.6	10.941	846		49.1					84
Dew Point	827695	24343	28.8	12.271	846	.3	55.3					84

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

72226 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | FEB MONTH

PAGE 1 | CYCLE 11 D 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
77/ 71						.1				.1								2	2			
72/ 69				.1					.1									2	2			
67/ 67				.1				.1										2	2			
66/ 65			.1	.2		.2	.4											8	8	1		
64/ 63			.4	.2				.1		.1								7	7			
62/ 61		.2	.2	.5		.2	.1											11	11	4	1	
60/ 59		.6		.1	.2	.4		.1										12	12	6		
56/ 57		.7	.2	.1	.2	.2	.4											16	16	10	15	
56/ 55	.1	1.5	.2	.1	.5	.5	.2											27	27	19	21	
54/ 53	.4	2.0	.5	.8	.7	.4												40	40	25	23	
52/ 51	.1	.7	.4	.8	.9	.4												28	28	22	15	
50/ 49		1.8	.2	.6	.4													25	25	23	17	
48/ 47	.6	1.3	.5	.9	.5	.5												36	36	34	19	
46/ 45		.6	2.2	1.3	.9	.4												48	48	32	13	
44/ 43		1.5	1.3	1.1	.4													40	40	29	16	
42/ 41	.1	1.4	2.8	1.7	.5	.1												56	56	45	19	
40/ 39	.4	1.7	2.2	1.2	.5													48	48	56	36	
38/ 37	.1	3.2	3.2	2.0	.5													76	76	57	45	
36/ 35	.1	4.3	2.5	1.7														72	72	62	51	
34/ 33	.5	2.7	2.8	.6														56	56	45	57	
32/ 31		2.4	4.3	1.1														63	63	64	79	
30/ 29		1.8	2.2	.6														39	39	57	47	
28/ 27		2.2	2.2	.1														39	39	53	47	
26/ 25	.1	.9	1.1	.2														20	20	46	52	
24/ 23		.6	1.2															15	15	29	27	
22/ 21	.1	1.3	.6															17	17	20	58	
20/ 19	.1	2.7	.4															27	27	23	47	
18/ 17	.1	.9																9	9	27	36	
16/ 15		.5																4	4	7	24	
14/ 13		.1																1	1	3	23	
12/ 11		.1																1	1	1	29	
10/ 9																				1	17	
8/ 7	.1																	1	1	1	7	
6/ 5																					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	≥ 88 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

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72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | FEB MONTH

PAGE [illegible] | [illegible]-11-0 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]		.1																1	1	1	5
[illegible]																					2
[illegible]																					1
-[illegible]																					1
TOTAL	.3	.3	.3	1.6	16.2	6.2	3.3	1.1	.4	.1	.2							845	845	845	845

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.	9461365	60021	71.0	15.318	845							
Dry Bulb	1411553	33187	39.3	11.320	845		23.6	.6				84
Wet Bulb	1171359	30189	35.7	10.486	845		33.1					84
Dew Point	892379	25439	30.1	12.249	845	.2	50.2					84

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 STATION | MCCHEE TYSON AIRPORT TN STATION NAME | 74-67 YEARS | FEB MONTH

PAGE 1 OF 14 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	1		
78/ 77												.1						1	1		
76/ 75											.1							1	1		
74/ 73								.1	.2	.1	.1							6	6		
72/ 71				.2		.2			.1	.1								6	6		
70/ 69				.1	.1	.2		.4	.1	.4								11	11		
68/ 67				.1	.7	.4	.6	.1	.8	.2								21	21		
66/ 65			.2	.2	.1	.1	.2	.3	.6		.1							22	22	3	
64/ 63		.1	.1	.6	.2	.2	.1	.5	.4	.1								21	21	2	
62/ 61		.1	.1	.6	.5	.5	.9	.6	.1									29	29	10	4
60/ 59		.7	.5	.1	.4	1.3	.4	.7	.2									37	37	15	5
58/ 57	.1	.8	.9		.4	.4	.9	.4										33	33	21	12
56/ 55	.1	.6	.1	.1	.5	1.7	.3	.1										32	32	33	17
54/ 53	.1	1.2	.5	.5	.4	1.5	.1	.1										37	37	26	16
52/ 51		.5	.4	.6	.7	1.3	.7	.1										36	36	38	20
50/ 49	.1	1.2	.7	.7	.8	1.1	.4	.1										43	43	45	20
48/ 47		.5	.2	.7	1.1	1.5	.1											35	35	43	13
46/ 45		.6	1.1	1.2	.7	1.1	.2											43	43	45	20
44/ 43		1.7	2.0	1.2	1.7	1.3												66	66	43	20
42/ 41		1.8	1.5	1.3	1.8	.7	.1											61	61	59	31
40/ 39		.6	2.3	1.4	1.5	.1												48	48	59	44
38/ 37		.7	2.2	1.6	1.2													50	50	59	48
36/ 35	.2	2.2	1.2	2.4	.6	.1												57	57	54	44
34/ 33	.1	.9	2.3	1.7	.9													48	48	61	57
32/ 31		.5	1.2	1.9	.9													38	38	50	70
30/ 29		.6	.9	.7	.2													21	21	51	48
28/ 27			.4	.8														10	10	34	40
26/ 25			.7	.2														8	8	26	55
24/ 23			.8															7	7	19	32
22/ 21	.1	.6	.9															14	14	15	47
20/ 19		.2																2	2	14	36
18/ 17			.1															1	1	5	33
16/ 15																				1	28
14/ 13																					28

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

2

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | FEB MONTH

PAGE 1 | 1[illegible]-14 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
11/ 11																					[illegible]
10/ 9																					10
9/ 7																					7
8/ 5																					8
7/ 3																					5
6/ 1																					
TOTAL	.916	.320	.919	.115	.513	.4	5.2	4.[illegible]	1.9	.8	.5	.1							-46		845
																		846		846	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3200383	49523	58.5	18.887	846							
Dry Bulb	1915909	38955	46.0	12.725	846		10.2	4.7	.9			84
Wet Bulb	1426644	33634	39.8	10.290	846		21.3					84
Dew Point	948150	26236	31.0	12.617	846		47.2					84

USAFETAC FORM AWS 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] STATION MCGHEE TYSON AIRPORT TN STATION NAME 64-67 YEARS [illegible] MONTH

PAGE 1 [illegible] 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/ 83																		1	1		
82/ 81													.1					1	1		
/ 79													.1					1	1		
76/ 75									.2	.2	.1							5	5		
74/ 73						.1		.1	.2	.1	.2							7	7		
72/ 71						.1				.4	.5							8	8		
7 / 69				.4		.8		.1	.2	.2	.1	.1						26	26		
68/ 67					.3	.5	.2	.1	1.4	.4								33	33		
6/ 65			.2	.2	.3	.5	.4	.2	.2	.5								31	31		
64/ 63			.4	.1	.2		.1	.1	.5	.2								24	24	.4	
62/ 61		.5	.4	.2	1.3	.2	.6	1.4	.2									46	46	.8	
60/ 59		.7	.4	.1	.5	.4	.4	.1	.5									30	30	.1	.6
58/ 57		.5	.2	.1	.4	.5	.6	.4										25	25	.6	.6
56/ 55	.1	1.2	.2	.2	.5	.3	2.4	.1	.2									34	34	.1	.1
54/ 53		.8	.6	.6	.2	.6	.8	.1	.1									36	36	.2	.2
52/ 51		.1	.6	.5	.6	.8	1.2	.1										37	37	.4	.8
50/ 49		.7	.4	.9	.3	1.1	.9											38	38	.8	1.0
48/ 47		.5	.8	.7	.6	1.7	.4											39	39	.7	1.5
46/ 45		.9	.1	.8	1.1	1.5	1.2											42	42	.2	3.4
44/ 43		1.1	1.3	2.4	.5	2.4	.6											69	69	.3	1.7
42/ 41		1.2	1.2	.7	1.1	.7												41	41	.2	.3
40/ 39		.4	1.2	1.4	.9	.5												37	37	.9	.9
38/ 37	.1	1.4	1.2	1.4	1.2	.5												49	49	.5	.2
36/ 35	.1	1.5	1.5	1.7	2.3	.4												61	61	.6	.7
34/ 33		.5	1.1	1.2	1.1	.4												35	35	.4	.7
32/ 31		1.2	.5	.7	.7													26	26	.9	.6
30/ 29			.7	.4														9	9	.9	.3
28/ 27		.1	.2	.7														8	8	.2	.4
26/ 25			.6	.6														10	10	.2	.4
24/ 23		.1	.1															2	2	.1	.2
22/ 21		.1	.1															2	2	.1	.3
20/ 19		.1	.1															2	2	.1	.1
18/ 17																				.2	.2
16/ 15																					.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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

TC 26	MCGHEE TYSON AIRPORT TN	74-83	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 15 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
94/ 93																						
92/ 91																						26
90/ 89																						42
88/ 87																						14
86/ 85																						3
84/ 83																						5
82/ 81																						2
TOTAL	.414	.114	.116	.114	.714	.310	.4	6.6	5.9	2.7	.9	.1	.2	.1					844		844	844

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.	2772589	45085	53.42	20.766	844							
Dry Bulb	2144642	41274	48.91	12.237	844		6.0	8.2	1.5	.3		84
Wet Bulb	1520482	34800	41.21	10.077	844		17.8					84
Dew Point	944607	26033	30.81	12.962	844		48.1					84

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-1262 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | FEB MONTH

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

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

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | FEB MONTH

PAGE [illegible] | 1800-2100 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] / 7																						17
[illegible] / 5																						7
[illegible] / 3																						4
TOTAL	2	1	324	10	16	9	6	7	3	0	0	5	0	5	0	1	0	0	0	846		846
																			846		846	

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.	3348311	50601	59.8	19.514	846							
Dry Bulb	1818253	38 41	45.	11.29C	846		11.5	1.8	.3			84
Wet Bulb	1374922	33040	39.1	C.004	846		23.7					84
Dew Point	924666	25824	30.5	12.705	846		48.6					84

FORM AR 66 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-80 YEARS | FEB MONTH

PAGE 1 | 2100-2700 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/ 71										•1	•1							2	2		
108/ 69									•1									1	1		
106/ 67						•1												1	1		
104/ 65			•1		•4		•4											5	5		
102/ 63		•1			•1		•5											7	7		
100/ 61		•1		•2	•1	•1	•2	•2										9	9	•	•
98/ 59			•7	•7	•7	•5	•1											18	18		2
96/ 57	•7	•4	•5	•4	•2	•4	•1	•2										24	24	12	6
94/ 55	•9	1•3	1•1	•5	•2	•7	•3											44	44	24	13
92/ 53	•5	2•7	•7	•7	•7	•5	•3	•1										54	54	30	18
90/ 51	•6	•7	•6	•4	•7	•5	•1											70	70	36	37
88/ 49		•6	•8	•7	•6	•4												26	26	26	28
86/ 47		•1	•5	•7	1•1	•6												73	33	27	15
84/ 45		1•8	1•1	•7	•6													35	35	31	14
82/ 43	•4	1•4	1•4	1•4	•9	•7												72	52	46	31
80/ 41	•1	1•1	1•4	1•7	•5	•1												48	48	41	32
78/ 39		2•2	3•4	2•2	•3													74	74	47	23
76/ 37	•2	2•2	2•6	2•4	•8													72	70	48	22
74/ 35	•1	1•9	2•1	2•7														58	58	64	58
72/ 33		2•5	3•7	1•3	•2													65	65	75	65
70/ 31		2•1	2•7	1•8	•1													56	56	66	61
68/ 29		•9	3•7	•7														45	45	71	63
66/ 27	•4	1•3	1•4	•4														29	29	40	45
64/ 25		•4	1•2	•4														16	16	63	49
62/ 23		•4	•8	•1														11	11	17	36
60/ 21		•5	1•4															16	16	24	46
58/ 19		1•3																11	11	18	68
56/ 17		•2	•2															4	4	12	28
54/ 15		•1	•1															2	2	2	26
52/ 13		•4																3	3	3	26
50/ 11																				3	42
48/ 9		•1																1	1		13
46/ 7																				1	13
44/ 5																					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 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

72726 MCGHEE TYSON AIRPORT TN [illegible]-67 FEB
STATION STATION NAME YEARS MONTH

[illegible] 21 0-2[illegible]
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
4/ 3																					3
2/ 1																					3
0/ -1																					
TOTAL	3	27	73	3	2	8	6	4	5	2	1								846		846
																		846		846	

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.	4155035	57601	68.1	16.612	846							
Dry Bulb	1506435	34501	40.8	10.848	846		19.3	.4				84
Wet Bulb	1228426	31058	36.7	10.219	846		31.4					84
Dew Point	911566	25702	30.4	12.438	846	.1	50.5					84

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72366 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | FEB 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
4/ 83														•				1	1		
82/ 81													•					1	1		
80/ 79											•		•					2	2		
78/ 77											•	•						3	3		
76/ 75									•	•	•							6	6		
74/ 73						•	•	•	•	•	•							14	14		
72/ 71				•		•			•	•	•							19	19		
70/ 69				•	•	•		•	•	•	•	•						47	47		
68/ 67				•	•	•	•	•	•	•	•							68	68		
66/ 65			•	•	•	•	•	•	•	•	•							94	94	4	
64/ 63		•	•	•	•	•	•	•	•	•								89	89	6	
62/ 61		•	•	•	•	•	•	•	•	•								134	134	3	8
60/ 59	•	•	•	•	•	•	•	•	•									157	157	81	19
58/ 57	•	•	•	•	•	•	•	•										195	195	116	70
56/ 55	•	1	•	•	•	•	•	•	•									270	270	192	109
54/ 53	•	1	•	•	•	•	•	•	•									322	322	270	187
52/ 51	•	•	•	•	•	•	•	•										234	234	274	194
50/ 49	•	1	•	•	•	•	•	•										239	239	202	159
48/ 47	•	1	•	•	•	•	•											268	268	241	116
46/ 45	•	1	1	•	•	•	•											292	292	291	138
44/ 43	•	1	1	1	1	•	•											386	386	304	153
42/ 41	•	1	1	1	1	•	•											372	372	332	218
40/ 39	•	1	1	2	1	•	•											424	424	364	252
38/ 37	•	1	2	1	1	•	•											492	492	492	267
36/ 35	•	1	2	2	1	•	•											468	468	447	374
34/ 33	•	1	2	2	•	•	•											445	445	578	409
32/ 31	•	1	3	2	1	•												500	500	514	556
30/ 29	•	3	1	1	•	•												285	285	525	388
28/ 27	•	2	1	1	•													233	233	356	366
26/ 25	•	1	1	•	•													171	171	341	457
24/ 23	•	1	•	•	•													90	90	276	292
22/ 21	•	3	•	•														122	122	153	392
20/ 19	•	1	1	•	2													156	156	142	438
18/ 17	•	1	1	•	0													82	82	156	255

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-82 YEARS | DEC MONTH

PAGE [illegible] | 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
[illegible] / 15	.	.7	.[illegible]															47	47	63	2.5
[illegible] / 13	.[illegible]	.1																30	2[illegible]	38	222
12/ 11	.[illegible]	.1																7	7	11	2[illegible]7
[illegible] / 9	.	.[illegible]																4	4	7	142
[illegible] / 7	.1	.1																7	7	7	8[illegible]
[illegible] / 5	.	.[illegible]																2	2	4	36
[illegible] / 3	.	.1																4	4	4	32
[illegible] / 1	.	.[illegible]																1	1	1	11
[illegible] / -1																					[illegible]
-[illegible] / -3																					4
-4/ -5																					[illegible]
TOTAL	4.2	34.4	24.[illegible]	14.[illegible]	[illegible].7	6.2	3.6	[illegible].[illegible]	1.2	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]				6763		6763	6763

Element (X)	Σ_R'	Σ_R	$\bar{X}$	σ_R	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	33539614	458568	67.8	19.09	6763							
Dry Bulb	12448[illegible]2	277712	41.1	12.429	6763		172.[illegible]	16.0	2.7	.3		672
Wet Bulb	9902475	248167	36.7	[illegible].050	6763		259.8					672
Dew Point	7194597	203661	30.1	12.529	6763	1.2	806.5					672

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MCGHEE TYSON AIRPORT TN [illegible] 74-83 MAR
STATION STATION NAME YEARS MONTH

PAGE [illegible] [illegible]
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] / 71																					
[illegible] / 69																					
[illegible] / 67																					
[illegible] / 65																					
[illegible] / 63																					
[illegible] / 61																					
[illegible] / 59																					
[illegible] / 57																					
56 / 55																					
[illegible] / 53																					
[illegible] / 51																					
[illegible] / 49																					
48 / 47																					
[illegible] / 45																					
[illegible] / 43																					
[illegible] / 41																					
[illegible] / 39																					
[illegible] / 37																					
[illegible] / 35																					
[illegible] / 33																					
[illegible] / 31																					
[illegible] / 29																					
[illegible] / 27																					
[illegible] / 25																					
[illegible] / 23																					
[illegible] / 21																					
[illegible] / 19																					
[illegible] / 17																					
16 / 15																					
[illegible] / 13																					
[illegible] / 11																					
[illegible] / 9																					
[illegible] / -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	≥ 88 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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-264 MEMPHIS TYSON AIRPORT TN 74-82 MAR
STATION STATION NAME YEARS MONTH

PAGE 2 0000-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	4.23	.13	.11	8.5	11.2	3.8	1.4	.1											930		930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5162886	67806	72.9	15.360	930							
Dry Bulb	2188658	43626	46.9	10.487	930		7.3	2.5				93
Wet Bulb	1808303	39969	43.0	9.872	930		19.6	.3				93
Dew Point	1477873	35481	38.2	11.563	930	.3	30.3					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 — STATION
MCGHEE TYSON AIRPORT TN — STATION NAME
74-83 — YEARS
APR — MONTH

PAGE 1 — HOURS (L.S.T.) 13-16-19-22

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 69				.4	.6	.1												9	9		
68/ 67			.4	.1	.3	.3	.1	.2										14	14		
66/ 65		.1	.3	.1	.2	.5	.2	.1										10	20		
64/ 63	.3	.1	.3	.3	.2	.2	.2											12	22	13	3
62/ 61		.3	.1	.5	.5	.2												16	16	16	9
60/ 59	1.1	.4	.1	.1	.6	.3												24	24	24	16
58/ 57	.3	2.3	.5		.9	.4	.1											38	38	25	14
56/ 55	.4	2.4	.9	.8	.1	.2												44	44	45	24
54/ 53	.6	1.6	.9	.9	.9	.3	.2											51	51	45	45
52/ 51	.1	2.9	1.1	.3	1.2	.2												54	54	38	36
50/ 49	.1	2.1	2.3	1.1	.4													54	54	38	37
48/ 47	.2		1.1	.6	.4	.1												39	39	53	37
46/ 45	.8	1.3	2.2	1.1	.3	.2												52	52	41	49
44/ 43	.5	2.4	1.3	.8	.1													47	47	64	62
42/ 41	.8	2.5	2.7	1.3														67	67	41	51
40/ 39	.2	2.9	3.3	.5		.1												67	67	51	58
38/ 37	.4	3.1	2.	1.2	.4													67	67	73	57
36/ 35	.2	2.5	2.2	.5														50	50	66	52
34/ 33	.9	1.4	2.1	.3	.1													45	49	51	59
32/ 31	.1	2.9	2.2	.3														51	51	51	67
30/ 29	.1	1.6	1.4															29	29	58	54
28/ 27		.9	.4															12	12	33	35
26/ 25	.2	.6	.2															10	10	27	51
24/ 23		.2																2	2	8	29
22/ 21		.5																5	5	6	25
20/ 19		.5																5	5	2	23
18/ 17		.3																3	3	6	13
16/ 15																				2	8
14/ 13																					6
12/ 11																					7
10/ 9		.1																1	1		1
8/ 7		.2																2	2	2	
6/ 5																				1	
4/ 3																					2
2/ 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	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MEMPHIS TYSON AIRPORT TN 74-83 MAY
STATION STATION NAME YEARS MONTH

PAGE [illegible] 0300-1500
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]																						
TOTAL	[illegible]	74	527	811	2	[illegible]	3	[illegible]	[illegible]										[illegible]	930	930	93

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5702549	71517	76.9	14.778	930							
Dry Bulb	1983[illegible]32	41[illegible]3	44.9	[illegible]0.909	93[illegible]		12.[illegible]	2.3				93
Wet Bulb	1709280	38728	41.6	10.193	93[illegible]		19.2					93
Dew Point	1838432	34976	37.6	11.508	930	.1	32.8					93

USAFETAC FORM AS 64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] MCGHEE TYSON AIRPORT TN 74-82 YEARS [redacted] MONTH

PAGE 1 [redacted] 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
[redacted] / 69				.1	.1													6	6		
[redacted] / 67			.1	.1	.2	.2												7	7		
[redacted] / 65		.1	.2	.3	.2													13	13		
[redacted] / 63	.2	.4		.5	.5	.1												17	17	6	3
[redacted] / 61	.2	.5	.2	.3	.1		.2											16	14	15	12
[redacted] / 59		1.7	.6	.3	.1		.1											27	27	17	9
[redacted] / 57	1.1	1.5	1.2	.3	.1	.2	.1											42	42	39	26
[redacted] / 55	.1	2.0	.9	1.2	.1	.2	.2											42	42	35	26
[redacted] / 53	.4	2.5	.3	.6	.2	.2												40	40	33	26
[redacted] / 51	.2	1.7	1.1	.5	.5	.1	.1											39	39	43	45
[redacted] / 49		1.5	2.4	.6	.5	.1												49	49	50	32
[redacted] / 47	.3	4.1	1.2	.4	.2													56	56	40	24
[redacted] / 45	1.1	3.8	1.9	.5	.2													70	70	86	48
[redacted] / 43	.1	2.9	2.7	.4														57	57	59	59
[redacted] / 41	.5	4.1	2.4	.3	.2													70	70	59	54
[redacted] / 39	.5	2.7	2.9	.5														62	62	72	55
[redacted] / 37	.4	2.3	2.4	1.5	.2													64	64	62	57
[redacted] / 35		4.0	2.6	.4														67	67	47	29
[redacted] / 33	1.1	2.2	2.2	.3	.2													54	54	74	49
[redacted] / 31	.3	3.3	2.3	.2														57	57	65	77
[redacted] / 29	.2	1.4	1.2															26	26	55	43
[redacted] / 27		1.7	.2															16	18	29	49
[redacted] / 25		.6	.4															10	10	[redacted]	46
[redacted] / 23	.1	.4																5	5	11	23
[redacted] / 21		.2																2	2	6	33
[redacted] / 19	.1	.5																6	6	2	26
[redacted] / 17	.1	.3																4	4	6	17
[redacted] / 15		.1																1	1	3	14
[redacted] / 13																					7
[redacted] / 11																					6
[redacted] / 5		.1																1	1	1	
[redacted] / 1	.2																	2	2	2	2
[redacted] / -1																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | [illegible] MONTH

PAGE [illegible] | [illegible] 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	7.346	29.	9.6	3	1.2	.1												930	[illegible]	[illegible]	[illegible]	[illegible]

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.	6004747	73673	79.2	13.467	930							
Dry Bulb	1685521	40677	43.7	10.700	930		17.2	1.3				[illegible]
Wet Bulb	1659753	38113	41.	10.261	930		21.0					[illegible]
Dew Point	1424731	34779	37.4	11.558	930	.1	33.9					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 3264 MCGHEE TYSON AIRPORT TN 74-83 1
STATION STATION NAME YEARS MONTH

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
77/ 75					•														1		
74/ 73				•2		•2												4	4		
72/ 71			•2	•1	•2	•2	•2	•1										11	11		
70/ 69			•1	•3	•2	•2	•2	•1	•1									12	12		
68/ 67			•4	•5	•4	•5	•4	•1										23	23	3	
66/ 65		•5	•5	•5	•6	•9	•4		•1									36	36	1	1
64/ 63	•1	•6	•6	•6	•4	•6	•2											37	37	1	1
62/ 61	1	1•1	•5	•5	•5	•5	•3	•2										37	37	2	••
60/ 59	•1	1•2	•5	•6	•4	•5	•2	•2										37	37	10	11
58/ 57	•2	1•1	•9	•6	1•1	•5	•4											45	45	42	36
56/ 55	•2	1•2	•3	•2	1•2	•2	•1	•2										54	54	47	41
54/ 53	•2	1•3	•3	1•2	•6	•6	•1											63	63	60	54
52/ 51	•1	1•2	1•4	1•2	•3	•2	•4											1	1	44	4
50/ 49	•2	1•3	1•2	1•1	1•1	•6												1	63	52	••
48/ 47	•1	2•4	1•4	1•6	1•1	•2												4	64	74	58
46/ 45		2•3	2•8	1•8	•9	•3												25	25	73	66
44/ 43	•5	1•5	2•2	2•4	•6	•2	•1											69	69	69	67
42/ 41	•1	•8	1•9	1•6	•8													46	46	63	66
40/ 39		•1	1•2	1•2	•9	•2												63	63	59	56
38/ 37	•1	1•1	1•6	1•2	•2	•1												46	46	61	62
36/ 35	•2	1•2	1•5	•8														41	41	42	44
34/ 33	•2	•3	•8	•4														16	16	64	64
32/ 31		•2	1•1	•2														13	13	76	69
30/ 29		•1	•4															5	5	77	74
28/ 27		•1	•5															6	6	75	73
26/ 25			•2															2	2	74	64
24/ 23		•2																2	2	6	24
22/ 21																				1	22
20/ 19		•1	•1															2	2		1
18/ 17		•1																1	1		3
16/ 15		•2																2	2	3	11
14/ 13																				1	1
12/ 11																					1
10/ 9		•1																1	1		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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | MAY MONTH

PAGE [illegible] 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]																					
[illegible]																					
TOTAL	[illegible]	22.	923.	920.	13.	[illegible]	6	4	2.	[illegible]	7							930	93	930	930

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.	4615518	63618	69.41	16.546	930							
Dry Bulb	2423857	46428	49.90	17.664	930		3.4	6.6	.5			93
Wet Bulb	1969737	41806	45.0	9.367	93		8.8	.4				93
Dew Point	1557052	36440	39.21	11.799	930		28.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] MEMPHIS INTERNATIONAL AIRPORT TN — [illegible] YEARS — MAR MONTH

PAGE [illegible] 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								•		.2	.2							6	6		
78/ 77					.1	.1	.2	.1	.5	.4	.1							17	17		
76/ 75			.1	.1	.1	.6	.4	.4	.8	.3								27	27		
74/ 73					.5	.3	.4	1.0	.8	.2								32	32		
72/ 71		.1	.1	.4	.5	1.1	.9	.5	1.1	.1								45	45		
70/ 69			1.0	.2	.6	1.2	.6	.2	.5	.2	.1							54	54	2	2
68/ 67			1.0	.4	.5	1.7	1.	1.	.3	.3								54	54	9	3
66/ 65		.1	.5	.5	.6	.1	.8	1.3	1.0	.1								47	47	3	4
64/ 63		.3	.6	.6	.4	.2	.6	.1	.9	.1								44	44	75	27
62/ 61		.2	.4	.1	.2	.3	.5	1.1	.4									41	41	55	28
60/ 59		.5	.1	.2	.5	1.3	.8	.5	.2									42	42	56	32
58/ 57		.4	.4	.2	1.2	.4	1.2	1.1	.2									54	54	45	35
56/ 55	.2	1.1	.4	.6	.8	1.2	1.2	.4										59	59	46	33
54/ 53	.1	1.1	.6	1.1	1.1	1.0	1.3											57	57	47	32
52/ 51	.1	1.1	1.3	.5	1.1	.4	1.1	.2										54	54	53	43
50/ 49		1.1	1.1	.9	.3	1.0	.6	.1										56	56	75	62
48/ 47		.5	1.	.4	1.1	.5	.7	.1										40	40	72	48
46/ 45		1.6	.2	1.2	.4	.8	.2											47	47	70	49
44/ 43		.6	1.	.6	.5	1.0	.2											39	39	66	53
42/ 41		.5	1.3	1.1	1.1	.1												36	36	63	54
40/ 39		.3	.3	.5	.6	.1												18	18	46	27
38/ 37	.1	1.0	1.1	.6														26	26	44	53
36/ 35		.8	.2	.4														13	13	36	48
34/ 33		.2		.1														3	3	39	48
32/ 31		.1	.1	.5	.1													8	8	13	69
30/ 29		.1	.3															4	4	5	58
28/ 27		.2	.1	.1														4	4	4	42
26/ 25																				2	42
24/ 23				.1														1	1	1	26
22/ 21			.1															1	1	1	26
20/ 19		.2																2	2	2	16
18/ 17																				2	15
16/ 15																					13
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
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | [redacted]-82 YEARS | [redacted] MONTH

PAGE [redacted] 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								
[redacted] / 11																									
[redacted] / 9																									
[redacted] / 7																									
[redacted] / 5																									
[redacted] / 3																									1
TOTAL	.6	1.1	3.4	12.4	13.5	14.1	12.6	10.[redacted]	6.7	3.7	.4											93[redacted]	[redacted]3	97	93

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.	3354714	52796	56.8	19.617	930							
Dry Bulb	3113443	52681	56.6	11.796	930		2.0	23.5	8.2	.2		93
Wet Bulb	2283626	45142	48.5	9.975	930		3.7	1.3				93
Dew Point	1629919	37160	40.0	12.498	930		28.7	.3				93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION MCGHEE TYSON AIRPORT TN STATION NAME [illegible] YEARS MAY MONTH

PAGE 1 [illegible] 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	.3	.2							7	7		
[illegible] / 79						.2			.1	.2	.4	.4						15	15		
[illegible] / 77				.2	.2		.1	.2	.9	.2	.5							25	25		
[illegible] / 75				.1	.2	.2	.4	.5	1.1	.3	.4							24	24		
[illegible] / 73				.4	.6	.8	.5	.9	1.6	.6	.6							57	57		
[illegible] / 71			.2	.2	.4	1.3	.2	.4	.8	1.0								48	48	4	
[illegible] / 69			.1	.3	.2	1.4	.4	.2	.4	.6	.2							39	39	5	2
[illegible] / 67			.3	.2	1.1	1.1	1.3	.1	2.4	.8	.3							26	26	3	1
[illegible] / 65		.2	.4	.2	.2	.1	.3	1.1	2.0	1.0	.2							21	21	20	8
[illegible] / 63		.5	.4	.4		.2	.4	1.2	.5	.1								16	16	12	10
[illegible] / 61		.4	.1	.3	.2	.2	.3	.2	1.3									13	13	19	9
[illegible] / 59		.2	.2	.1	.3	.6	.6	1.3	.6	.1								25	25	7	24
[illegible] / 57	1.6	.4		.4	1.2	.8	1.0	.1	.1									60	60	47	17
[illegible] / 55	.1	.9	.8	.1	1.2	.3	1.3	1.4	.5									65	65	56	42
[illegible] / 53		.9	.2	1.3	.6	.3	1.7	1.										56	56	54	33
[illegible] / 51	.1	1.2	1.3	.1	.3	.6	.9	.2										41	41	52	49
[illegible] / 49	.1	.9	1.2	.1	.3	.6	.5	.2										35	35	60	44
[illegible] / 47	1.6	.3	.5	1.0	.6	.6	.1											39	39	85	43
[illegible] / 45	.2	.9	.4	.8	.8	1.1	.4											41	41	56	54
[illegible] / 43	.4	.4	1.1	.6	1.1													34	34	57	49
[illegible] / 41	.6	.3	.6	.2														17	17	47	54
[illegible] / 39	.1	.5	.6	.2														14	14	60	46
[illegible] / 37	.3	.9	.4	.1														16	16	32	57
[illegible] / 35	.2	.4	.4	.3														13	13	41	50
[illegible] / 33	.4		.4															8	8	26	36
[illegible] / 31		.1		.1														2	2	7	54
[illegible] / 29			.1															1	1	4	47
[illegible] / 27		.1																1	1	2	51
[illegible] / 25	.3		.2															5	5	5	43
[illegible] / 23		.1																1	1	1	20
[illegible] / 21																					28
[illegible] / 19																				1	16
[illegible] / 17																					22
[illegible] / 15																					14

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MCGHEE TYSON AIRPORT TN 74-82 MAR
STATION STATION NAME YEARS MONTH

PAGE [illegible] 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
[illegible] / 22																						4
17 / 11																						4
[illegible] / 9																						1
[illegible] / [illegible]																						
4 / 3																						1
[illegible] / 1																						
TOTAL	611	9	9	10	13	11	31	12	6	5	3	1							930	93	930	93

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.	2937590	48338	52.0	21.393	930							
Dry Bulb	3370241	54907	59.0	11.763	930		1.2	29.6	13.3	1.4		93
Wet Bulb	2357654	45976	49.4	9.552	930		2.7	1.7				93
Dew Point	1587043	36577	39.3	12.642	930		30.7	.3				93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-80 YEARS | MAY MONTH

PAGE 1 | 1 JUL 1980 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL O.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
79/ 77						.1		.2	.1	.2								6	6		
76/ 75				.1		.1		.2		.1								6	6		
74/ 73				.2		.4	.2	.2	.4	.1								19	19		
72/ 71			.2			.3	.5	.5	.9	.5								33	33		
70/ 69			.2	.3	1.1	.6	.6	.3	.8	.2	.1							47	47	3	
68/ 67		.1	.4	.6	1.	1.1	1.5	.3	.6	.1								54	54	4	
66/ 65	.1	.4	.2	.8	1.	.4	.6	1.	1.1	.2								57	57	9	
64/ 63		.5	.6	.6	.3	1.3	1.2	1.	.4	.3								59	59	23	10
62/ 61		1.0	.4	.3	.2	.9	1.4	1.0	.2	.1								56	56	38	6
60/ 59	.1	1.3	.4	.1	.6	.6	1.4	1.0	.4									56	56	54	27
58/ 57	.1	.8	.4	.2	1.	.9	1.0	.5	.2									58	58	51	28
56/ 55	.4	1.2	.2	.5	1.8	1.0	1.1	1.1										67	67	54	30
54/ 53	.4	1.3	.2	1.2	1.	.5	1.6	.4	.2									72	72	64	47
52/ 51	.1	.5	.0	.6	.2	1.4	1.0											43	43	57	41
50/ 49	.3	.9	1.3	.8	.8	1.3	.6	.2										57	57	72	29
48/ 47		1.1	.5	.5	1.3	1.6	.5											52	52	83	33
46/ 45	.1	1.4	.6	.2	.9	.3	.2											32	32	67	48
44/ 43		.8	1.2	.8	1.4	1.4												51	51	51	57
42/ 41		.9	.3	.6	.8	.9												31	31	68	53
40/ 39	.3	.9	.4	.6	1.0	.2												32	32	59	60
38/ 37		.3	.2	1.0	.3													17	17	43	58
36/ 35		.2	1.3	.2														16	16	31	50
34/ 33		.4	.5	.1	.1													11	11	42	38
32/ 31			.2	.2														4	4	32	43
30/ 29			.3	.1														4	4	5	38
28/ 27		.1	.2	.2														5	5	3	51
26/ 25																				9	50
24/ 23				.1														1	1	3	23
22/ 21	.1																	1	1	1	30
20/ 19	.1		.1															2	2	2	22
18/ 17			.1															1	1		14
16/ 15																				1	22
14/ 13																				1	8
12/ 11																					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	≥ 90 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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MCGHEE TYSON AIRPORT TN 74-83 MAR
STATION STATION NAME YEARS MONTH

PAGE [illegible] 1200-2200
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]																						
[illegible]																						
[illegible]																						
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
																				930	930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	3427947	53067	57.1	20.688	930							
Dry Bulb	2942126	51314	55.2	10.921	930		1.8	15.5	3.1			93
Wet Bulb	2173198	44072	47.4	9.546	930		5.7	.7				93
Dew Point	1534883	35933	38.6	12.558	930	.2	30.8	.2				93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 — STATION
MCGHEE TYSON AIRPORT TN — STATION NAME
74-82 — YEARS
MAR — MONTH

PAGE 1 — 21:00-23:00 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/ 72								•										1	1		
72/ 71				•1	•2	•1	•1	•2										7	7		
70/ 69				•1	•2	•1	•6	•1	•									15	16		
68/ 67				•2	•3	•4	•8	•5	•1									23	23	3	
66/ 65	•1	•4	•3	1•		•9	•5	•7	•3									36	36	7	4
64/ 63		•6	•4	•8	•6	•6	•4	•2										35	35	12	6
62/ 61	•1	1•4	•5	1•		•5	1•6	•2	•1									51	51	17	4
60/ 59		1•5	•9	•6	1•4	1•1	•3	•1										55	55	44	•6
58/ 57	•3	•3	•6	•2	1•	1•1	•5											38	38	43	19
56/ 55	•3	1•9	•9	•8	2•6	•9	•5	•2										77	77	52	31
54/ 53	•6	1•4	•6	2•0	1•5	•8	•9											73	73	53	40
52/ 51	•5	•3	1•3	1•6	1•5	•8												53	53	55	56
50/ 49	•5	•4	2•4	1•2	•8	1•1												56	56	45	27
48/ 47	•1	2•3	1•5	•9	1•8	•2												61	61	91	35
46/ 45	•8	1•5	•4	1•3	1•4	•1												49	49	78	55
44/ 43	•2	1•2	1•5	2•2	1•5	•3												64	64	61	58
42/ 41	•1	1•1	2•6	1•7	1•													60	60	48	61
40/ 39	•6	1•1	1•1	1•0	1•1													44	44	72	77
38/ 37		•3	1•0	1•8	•6													35	35	66	38
36/ 35		•5	1•2	2•2														36	36	42	67
34/ 33		1•2	1•3	•4														27	27	35	38
32/ 31		•5	•3															12	12	46	54
30/ 29			•7															3	3	39	41
28/ 27			•5															5	5	5	47
26/ 25			•5															5	5	3	42
24/ 23			•2															2	2	7	17
22/ 21																				5	26
20/ 19		•3																3	3	2	35
18/ 17																				1	17
16/ 15			•2															2	2		9
14/ 13		•1																1	1	1	12
12/ 11																				2	1
10/ -1																					1
-2/ -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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-82 YEARS | MAR MONTH

PAGE 1 | 2200-2700 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	4.	31	9.	32	1.	22	1.	31	0.	7	1	.	5	4.		1.	?	930	93	930	93

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.	4396782	61934	66.6	17.119	930							
Dry Bulb	2436796	46606	50.1	10.436	930		3.3	4.7	.1			93
Wet Bulb	1955358	41682	44.8	9.688	930		11.3	.3				93
Dew Point	1517981	35937	38.6	11.798	930	.3	29.5					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

72706 MEMPHIS TYSON AIRPORT TN 74-83 YEARS MAR MONTH

HOURS (C.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31								
80/ 81						.0			.0	.0	.0								7	7		
78/ 79						.0			.0	.1	.1								21	21		
76/ 77					.0	.0	.1	.1	.2	.1	.1								48	48		
74/ 75				.0	.0	.1	.1	.1	.2	.1	.1								63	63		
72/ 73					.1	.1	.2	.1	.4	.3	.1	.1							113	113		
70/ 71			.0	.1	.1	.2	.4	.3	.2	.3	.2								143	143	6	
68/ 69		.0	.2	.4	.5	.5	.3	.3	.2	.1	.1								196	196	10	4
66/ 67		.0	.4	.3	.6	.7	.6	.4	.4	.1	.0								269	269	21	4
64/ 65	.0	.3	.4	.4	.7	.4	.4	.6	.2	.2	.0								291	291	65	27
62/ 63	.1	.4	.4	.6	.6	.4	.4	.4	.2	.1									276	276	163	56
60/ 61	.1	.8	.3	.5	.3	.5	.4	.5	.2	.0									274	274	222	66
58/ 59	.2	1.1	.5	.3	.7	.7	.4	.5	.2	.0									338	338	326	161
56/ 57	.3	1.2	.7	.3	.5	.7	.5	.5	.1	.0									374	374	336	199
54/ 55	.3	1.6	.6	.8	1.2	.7	.6	.6	.1										457	457	389	232
52/ 53	.4	1.6	.7	1.3	.5	.6	.8	.2	.0										477	477	394	312
50/ 51	.2	1.3	1.1	.9	.9	.5	.4	.1											398	398	424	341
48/ 49	.2	1.2	1.9	.8	.6	.7	.2	.1											412	412	421	269
46/ 47	.2	1.9	1.1	.7	1.0	.5	.2	.0											412	412	564	284
44/ 45	.5	2.4	1.3	1.0	.7	.4	.1												472	472	571	414
42/ 43	.2	1.4	1.4	1.2	.7	.5	.0												403	403	518	437
40/ 41	.2	1.6	1.8	1.1	.5	.1													398	398	434	458
38/ 39	.3	1.8	1.7	.8	.4	.1													357	357	501	466
36/ 37	.2	1.3	1.5	1.2	.4	.0													336	336	453	801
34/ 35	.1	1.3	1.4	.8	.1														273	273	379	430
32/ 33	.3	.9	1.1	.4	.1														202	202	374	381
30/ 31	.1	1.1	1.0	.2	.0														161	161	285	512
28/ 29	.0	.5	.6	.1															86	86	243	318
26/ 27		.4	.3	.0															57	57	116	347
24/ 25	.0	.2	.2	.0															37	37	104	358
22/ 23	.0	.2	.1	.0															19	19	37	186
20/ 21	.0	.1	.0																12	12	26	217
18/ 19	.0	.2	.0																22	22	16	196
16/ 17	.0	.1	.0																10	10	19	108
14/ 15		.0	.0																5	5	9	87

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

2

PSYCHROMETRIC SUMMARY

[illegible] MCGHEE TYSON AIRPORT TN [illegible]-87 MAR
STATION STATION NAME YEARS MONTH

PAGE [illegible] 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] / 13		•																	2	2	3	49
[illegible] / 11		•																	6	3	8	[illegible]
[illegible] / 9		•																	2	2	3	6
[illegible] / 7		•																	6	3	3	2
[illegible] / 5		•																	1	1	2	4
[illegible] / 3																						0
[illegible] / 1	•																		2	2	2	0
[illegible] / -1																						1
[illegible] / -3																						1
TOTAL	3,724	72[illegible]	814	412	[illegible]	76	14	[illegible]	3	1	2	[illegible]							[illegible]			744
																			744[illegible]		744[illegible]	

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.	35602729	492769	66.2	10.966	744[illegible]							
Dry Bulb	20[illegible]3667	377969	50.8	12.171	744[illegible]		44.[illegible]	86.9	25.[illegible]	1.6		744
Wet Bulb	15916902	335488	45.1	10.298	744[illegible]		87.[illegible]	4.7				744
Dew Point	12167909	287283	38.6	12.021	744[illegible]	1.3	295.9	.8				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

[illegible] MCGHEE TYSON AIRPORT TN 74-87 AP
STATION STATION NAME YEARS MONTH

PAGE 1 0000-2300 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
[illegible] / 77							•											1	1		
[illegible] / 75						•												3	3		
[illegible] / 73							.7	.7										5	5		
[illegible] / 71					.1	.4	.3											8	8		
[illegible] / 69				.1	.4	.7	.1	.1			.7	.1						17	17		
[illegible] / 67				.1	.7	1.0	.4	.4	.0									33	33	[illegible]	
[illegible] / 65	.1	.9	.0	2.4	.7	.6	.1	.2										51	51	5	1
[illegible] / 63	.6	3.0	1.6	1.6	1.4	.7	.2	.2										63	63	44	11
[illegible] / 61	.4	1.6	.2	1.4	1.1	.9	.7	.1	.1									67	67	61	36
[illegible] / 59	.6	1.8	1.2	1.4	1.1	.8	.1											68	68	76	46
[illegible] / 57	.9	2.3	1.4	.7	.9	.7												58	58	69	53
[illegible] / 55	.3	2.2	1.4	.9	1.2	.6	.3											65	65	56	64
[illegible] / 53	.6	1.3	.9	1.7	1.1	.7												55	55	76	56
[illegible] / 51	.3	1.2	2.3	1.6	2.1	.4												71	71	64	54
[illegible] / 49	.3	1.1	2.7	2.3	1.1													69	69	[illegible]	52
[illegible] / 47	.1	1.1	1.3	1.4	1.2	.2												58	58	62	54
[illegible] / 45	.1	1.3	2.7	1.4	.7													56	56	74	51
[illegible] / 43	.1	1.1	2.3	.9	.3	.1												47	47	76	49
[illegible] / 41		1.2	1.1	.3	.7													29	29	49	63
[illegible] / 39		.7	1.3	.1	.3													22	22	55	.7
[illegible] / 37	.3	1.0	.6	.6														22	22	34	58
[illegible] / 35		.8	.1	.4														12	12	27	53
[illegible] / 33		.1	.2															3	3	17	47
[illegible] / 31		.4	.3															7	7	7	43
[illegible] / 29																				1	17
[illegible] / 27																				3	13
[illegible] / 25																					13
[illegible] / 23																					3
[illegible] / 21																					11
[illegible] / 19																					11
TOTAL	.5	12.3	22.3	20.4	16.7	6.7	2.3	1.4	.4	.2								900	[illegible]	600	9.0

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.	49[illegible]4899	64857	72.1	16.C33	900							
Dry Bulb	2727816	4886	54.3	9.155	900		.7	6.9	1.0			9[illegible]
Wet Bulb	2279482	44625	49.6	8.653	900		2.0	.2				9[illegible]
Dew Point	1907957	40375[illegible]	44.9	8.371	9[illegible]		11.[illegible]					9[illegible]

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
USAF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION [illegible] MCGHEE TYSON AIRPORT TA STATION NAME [illegible] YEARS [illegible] MONTH

[illegible] 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
[illegible]/ 72					•	•1	•1														
[illegible]/ 71					•	•1	•2														
[illegible]/ 69			•2	•2	•4	•4												13	13		
[illegible]/ 67				•2	•3	•4	•1	•										12	12		
[illegible]/ 65		•2	1•2	•5	•		•1	•1										24	24	3	
64/ 63	•4	1•6	1•4	•6	•2	•3	•1											45	45	16	2
[illegible]/ 61	•3	1•9	1•1	1•2	•4	•9	•3	•1										51	51	19	10
[illegible]/ 59	1•1	2•2	1•7	•4	•4	•6	•2											67	67	24	09
[illegible]/ 57	•7	1•6	1•9	•4	•6	•7												45	45	15	07
[illegible]/ 55	1•1	2•9	1•9	1•6	•4													71	71	21	06
54/ 53	•6	2•2	1•4	1•2	•4	•1												53	53	23	02
[illegible]/ 51	•3	1•9	2•2	•6	•4													45	45	14	7
[illegible]/ 49	•4	1•2	2•6	1•4	•6													56	56	20	05
[illegible]/ 47		•1	2•4	1•1	•7													56	56	18	[illegible]
[illegible]/ 45	•2	2•1	3•6	1•4	•3		•1											75	75	25	04
44/ 43	•1	3•1	2•4	1•3	•4													67	67	22	7
[illegible]/ 41		2•8	2•7	•6	•1													57	57	[illegible]	[illegible]
[illegible]/ 39	•1	2•7	1•1	•1														56	56	14	01
[illegible]/ 37	•4	1•1	•2	•7														32	32	06	06
[illegible]/ 35	•2	1•4	•2	•6														26	26	03	05
34/ 33	•2	•8	•4															13	13	05	4
[illegible]/ 31		•7	•6															11	11	13	03
[illegible]/ 29		•4	•3															7	7	12	14
[illegible]/ 27																				7	11
[illegible]/ 25																				3	17
[illegible]/ 23																					11
[illegible]/ 21																					7
[illegible]/ 19																					6
[illegible]/ 17																					1
[illegible]/ 15																					1
TOTAL	•335	•331	•415	•1	7•7	3•3	1•4	•3										920	920	9 [illegible]	9 [illegible]

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.	565117	7,263	78.1	17.739	920							
Dry Bulb	2444955	46133	51.3	9.449	920		1.0	3.9	•3			[illegible]
Wet Bulb	2126469	43716	47.8	8.980	920		4.1	•2				[illegible]
Dew Point	1857966	39960	44.3	10.150	920		11.7					[illegible]

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

[illegible] STATION MCGHEE TYSON AIRPORT TN STATION NAME 74-87 YEARS 6 MONTH

FROM [illegible] 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] / 72					.0	.1												[illegible]	[illegible]		
120/ 69				.0	.1	.4	.1											[illegible]	[illegible]		
[illegible] / 67			.2	.7	1.0	.1	.1											[illegible]	[illegible]		
116/ 65			.9	.9	.6	.6	.2											[illegible]	[illegible]		
44/ 63	.7	1.1	1.2	.7	.3	.0	.1	.1	.1									[illegible]	[illegible]		
108/ 61	.2	2.3	1.1	.6	.3	.3												[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 59	1.3	2.1	1.3	.9	.7	.7												[illegible]	[illegible]	[illegible]	[illegible]
208/ 57	1.2	2.6	1.3	.6	.3		.1											[illegible]	[illegible]	[illegible]	[illegible]
224/ 55	1.2	2.7	1.9	.3	.7	.2												[illegible]	[illegible]	[illegible]	[illegible]
244/ 53	1.2	3.3	1.6	1.7	.2													[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 51	.1	2.7	2.9	.6	.7													[illegible]	[illegible]	[illegible]	[illegible]
220/ 49		1.9	3.1	1.1		.1												[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 47	.1	2.7	3.3	.7	.6													[illegible]	[illegible]	[illegible]	[illegible]
410/ 45		3.2	1.3	1.2	.2													[illegible]	[illegible]	[illegible]	[illegible]
144/ 43		3.6	3.7	.6														[illegible]	[illegible]	[illegible]	[illegible]
632/ 41	.1	2.7	2.6	.4	.3													[illegible]	[illegible]	[illegible]	[illegible]
4[illegible] / 39		.2	.2	.6														[illegible]	[illegible]	[illegible]	[illegible]
264/ 37	.4	1.6	.6	.2														[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 35	.1	1.4	.7	.2														[illegible]	[illegible]	[illegible]	[illegible]
248/ 33	.1	.8	.7	.4														[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 31		.3	.2															[illegible]	[illegible]	[illegible]	[illegible]
124/ 29	.1	.3	.2															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 27		.1	.1															[illegible]	[illegible]	[illegible]	[illegible]
104/ 25																				[illegible]	[illegible]
104/ 23																					[illegible]
104/ 21																					[illegible]
[illegible] / 19																					[illegible]
128/ 17																					[illegible]
TOTAL	6.4	38.4	31.9	13.4	6.9	2.4	.2	.1	.1									[illegible]	[illegible]	[illegible]	[illegible]
																		960	[illegible]	[illegible]	

Element	Σx'	Σx	x̄	σx	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5872869	71335	79.3	12.464	900							
Dry Bulb	2430630	46100	51.1	9.369	900		1.7	3.9				[illegible]
Wet Bulb	2136485	43113	47.9	9.125	900		3.2	.1				[illegible]
Dew Point	1684602	40158	44.6	10.188	900		11.2					[illegible]

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

2

CL[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MEMPHIS TYSON AIRPORT TN STATION NAME | 70-87 YEARS | APR MONTH

PAGE 1 | 0[illegible]-11 P 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] / 79						.1	.1	.1	.1									[illegible]	[illegible]		
[illegible] / 77						.1	.1	.1	.2									7	7		
[illegible] / 75					.1	.4	.5	.7	.6	.1								23	23		
4[illegible] / 73					.3	.7	.8	1.[illegible]	.6	.2								34	34		
[illegible] / 71				.2	.2	.2	.9	.[illegible]	.6	.1								30	30		
[illegible] / 69			.1	.6	.8	1.[illegible]	1.9	1.[illegible]	.4	.1								26	[illegible]	7	
[illegible] / 67			.2	1.2	.6	.[illegible]	1.[illegible]	1.4	.[illegible]		.1	.1						43	[illegible]	14	
6[illegible] / 65	.1	1.[illegible]	1.[illegible]	.6	1.[illegible]	1.3	1.[illegible]	.[illegible]	.2									71	71	39	1[illegible]
[illegible] / 63		1.2	.4	1.2	1.1	1.[illegible]	.[illegible]	.[illegible]	.1									64	64	62	2[illegible]
[illegible] / 61		1.6	.3	1.[illegible]	.[illegible]	1.6	1.[illegible]	.[illegible]										62	62	74	39
[illegible] / 59	.	2.3	.[illegible]	.4	1.2	1.[illegible]	.[illegible]		.1									62	62	76	56
[illegible] / 57	.[illegible]	1.[illegible]	.4	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]		.1									74	74	78	5[illegible]
[illegible] / 55	.	1.[illegible]	.[illegible]	1.1	[illegible].[illegible]	1.[illegible]	.[illegible]	.[illegible]										66	66	66	4[illegible]
4[illegible] / 53		.6	1.2	2.[illegible]	1.[illegible]	1.[illegible]	.4											71	71	[illegible]4	56
2[illegible] / 51		.4	.[illegible]	1.3	.[illegible]	.[illegible]	.[illegible]											41	41	57	38
[illegible] / 49		.6	1.2	1.1	.[illegible]	.[illegible]												33	33	75	4[illegible]
[illegible] / 47		.6	.4	1.1	.[illegible]	.6												29	29	[illegible]0	65
[illegible] / 45		.6	.2	1.[illegible]	.[illegible]	.[illegible]												33	33	[illegible]8	47
4[illegible] / 43		.8	.[illegible]	.2	.4													15	15	48	6[illegible]
[illegible] / 41		.3	.[illegible]	.1	.[illegible]													12	12	[illegible]2	65
[illegible] / 39			.[illegible]	.2	.1													5	5	34	55
[illegible] / 37		.[illegible]		1.[illegible]														[illegible]0	10	17	52
[illegible] / 35		.[illegible]	.2	.1														[illegible]	5	10	33
[illegible] / 33																				[illegible]	3[illegible]
[illegible] / 31																				1[illegible]	3[illegible]
[illegible] / 29																				1	16
[illegible] / 27																					[illegible]
[illegible] / 25																					17
[illegible] / 23																					[illegible]
[illegible] / 21																					[illegible]
[illegible] / 19																					11
[illegible] / 17																					[illegible]
TOTAL	1.[illegible]	3.[illegible]	11.2	17.5	18.[illegible]	18.6	10.[illegible]	[illegible].[illegible]	2.1	.[illegible]	.1							899	[illegible].9	899	899

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.	3762149	56029	62.3	17.347	899							
Dry Bulb	3[illegible]5490	5387[illegible]	59.9	9.289	899			24.1	7.9	.2		9[illegible]
Wet Bulb	2565771	47421	52.7	8.467	899		1.3	2.1				9[illegible]
Dew Point	2[illegible]4242	41424	46.1	[illegible].[illegible]40	899		10.6	.2				9[illegible]

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

[illegible] MCGHEE TYSON AIRPORT TN 74-67 APR
STATION STATION NAME YEARS MONTH

PAGE 1 OF 4
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 97											•1							1	1		
[illegible] / 95											•1							2	2		
[illegible] / 93									•3	•3	•6	•2						14	14		
[illegible] / 91							•1		•2	•6	1•2	•7	•2					31	31		
[illegible] / 89						•1	1•1	•1	2•2	•3	•7	•7						54	54		
78 / 87					•1	1•3	1•3	1•4	•4	1•1	•4	•3						61	61		
[illegible] / 85				•3	1•2	•9	1•1	•1	1•4	•2	•4	•1						59	59		
[illegible] / 83				•4	•6	•9	•7	•7	•8	•3	•3							44	44		
[illegible] / 81			•1	•1	•2	•6	•8	•9	1•3	•1	•2							32	32	1	
74 / 79		•2	•3	1•0	•6	1•1	1•1	1•1	•9	1•3	•4							79	79	25	
[illegible] / 77		•2	2•3	•6	•3	•6	1•3	1•2	1•0	•6	•1							60	60	49	3
[illegible] / 75		1•0	•4	•2	•2	•3	1•4	1•2	•4	•6								63	63	49	[illegible]
[illegible] / 73		•6	•7	•1	•2	•7	1•3	1•1	•1	•4								48	48	48	44
[illegible] / 71	•2	1•0	•5	•2	•6	•7	2•3	1•1	•6	•1								65	65	55	40
[illegible] / 69	•1	•5	•1	•4	•6	1•1	1•1	•1	•4									45	45	37	46
68 / 67	•2	1•0	•1	•3	•4	•7	1•8	•7	•1									48	48	69	[illegible]
[illegible] / 65		•3	•1	•7	•9	1•1	•9	•7										37	37	52	[illegible]
[illegible] / 63		1•3	•1	•4	•7	•7	•4	•4										37	37	35	44
[illegible] / 61			•7	•2	•3	•1	•5	•1										15	15	37	59
[illegible] / 59		•4	•9	•2	•7	•6	•2											27	27	50	35
[illegible] / 57		•1	•2	•3	•4	•2	•1											14	14	61	43
[illegible] / 55		•2	•3	•2		•1	•1											10	10	52	51
[illegible] / 53		•2			•2	•2												6	6	26	45
[illegible] / 51		•2	•1		•2	•1												6	6	24	46
[illegible] / 49				•1	•1													2	2	22	57
[illegible] / 47			•1		•1													2	2	5	48
[illegible] / 45																				4	48
[illegible] / 43																				6	32
[illegible] / 41																				1	42
[illegible] / 39																					14
[illegible] / 37																					16
[illegible] / 35																					9
[illegible] / 33																					7
[illegible] / 31																					13

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] MCGHEE TYSON AIRPORT TN — 74-87 — SEP
STATION — STATION NAME — YEARS — MONTH

[redacted] 12 (1-14)
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
/ 55																					1
/ 57																					1
/ 59																					1
TAL	.1	7.3	7.8	6.3	8.6	12.6	17.8	13.1	11.2	8.2	3.4	1.7							900		9.3
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2697644	46162	51.3	19.158	900							
Dry Bulb	4045023	59687	66.3	9.817	900			47.5	26.6	7.3		90
Wet Bulb	2845420	50044	55.6	8.355	900		.1	7.5				90
Dew Point	2039494	41528	46.1	11.711	900		12.4	.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

72326 STATION | MEMPHIS TYSON AIRPORT TN STATION NAME | 74-87 YEARS | APR MONTH

PAGE 1 ~~Typed 17-6~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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					1	1		
86/ 85										.2	.7	1.2	.2					19	19		
84/ 83									.2	.2	.7	.8	.4					22	22		
82/ 81								.8	.6	1.0	1.5	.7	.7	.2	.2			52	52		
80/ 79							.2	.6	2.0	1.7	.4	.5	.7					58	58		
78/ 77						.2	.4	1.6	1.2	.5	.7	2.1	.7					69	69		
76/ 75					.1	1.1	1.3	.3	.1	.4	.2	.4	.4	.1				59	59		
74/ 73					.4	.4	.8	.3	.8	1.0	1.2	.7	.4	.1				56	56		
72/ 71					.6	1.2	.2	.5	.5	.8	1.0	1.0	.1					59	59	1	
70/ 69		.1	1.1	.3	.7	1.1	.6	.4	1.3	2.0	1.1	.2						89	89	16	
68/ 67		.4	1.1	.3	.1	.2	1.3	1.1	2.4	.9	.6							93	90	47	1
66/ 65		.9	1.0	.1	.1		.7	1.7	1.7	1.2	.2							66	66	106	19
64/ 63		.2	.7	.3	.4	.3	.7	.4	.1	.0								73	33	87	43
62/ 61		.2	.3	.3	.6	.1	.4	1.6	1.2	.2								45	45	63	28
60/ 59	.1	.4	.4	.1	.2	.1	.5	.7	1.1	.1								35	35	61	6
58/ 57		.2	.6	.3	.2	.7	.3	.4	.4									30	30	71	39
56/ 55		1.6	.1	.7	.4	.3	.6	.5	.3									43	43	55	44
54/ 53	.2	.7		.1	.6	.1	.2	.4										20	20	68	65
52/ 51		.2	.6	.1	.3	.1	.2	.2										16	16	79	40
50/ 49		.2	.4	.6	.4		.4											19	19	61	33
48/ 47		.1	.2	.3	.3	.3												12	12	50	45
46/ 45		.3	.3			.2												8	8	37	41
44/ 43			.1	.1	.2													5	5	71	42
42/ 41				.1	.1													2	2	22	56
40/ 39																				10	56
38/ 37																				3	56
36/ 35																				5	36
34/ 33																				1	32
32/ 31																					46
30/ 29																					66
28/ 27																					21
26/ 25																					11
24/ 23																					15
22/ 21																					15

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

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 STATION | MEMPHIS TYSON AIRPORT TN STATION NAME | 74-87 YEARS | APR MONTH

PAST 15:0-17:00 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
[illegible]																					4
[illegible]																					4
TOTAL	.3	.7	7.	5.9	8.6	6.7	10.1	14.7	14.7	11.2	9.7	5.1	1.2	.2				90	90	90	90

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.	2325210	41949	46.6	20.286	900							90
Dry Bulb	4324732	61770	68.6	9.738	900			56.6	33.8	12.8		90
Wet Bulb	2896645	50535	56.2	7.953	900			6.4				90
Dew Point	1965285	40631	45.1	12.070	900		15.5	.1				90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] MCGHEE TYSON AIRPORT TN 74-67 APR
STATION STATION NAME YEARS MONTH

PAGE 1 [redacted]
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
[redacted]/ 85												.2	.1						3	3		
[redacted]/ 83												.2	.1						3	3		
[redacted]/ 81										.2	.4	.7	.3						14	14		
[redacted]/ 79							.1	.1	.2	.4	.4	.7	.1						[redacted]	[redacted]		
[redacted]/ 77							.2	.7	1.2	1.2	.3	.6							38	38		
[redacted]/ 75				.1	.2	1.	1.3	.8	1.1	.7	.6	.8							56	58		
[redacted]/ 73					.6	.7	1.1	1.2	1.7	1.4	.8	.4	.1						65	65		
[redacted]/ 71					.9	.8	.6	1.1	.4	1.2	.7	.6	.1						58	58		
[redacted]/ 69			1.1	1.2	.2	.9	.7	1.4	.9	1.		.1							72	72	5	1
[redacted]/ 67		.4	2.1	.7	.6	1.0	.8	.6	1.2	1.3	.4								82	82	22	
[redacted]/ 65	.1	.9	.8	.6	.4	.7	.6	1.1	1.6	.7									85	85	63	15
[redacted]/ 63	.1	1.6	.6	.4	.4	.6	1.3	1.6	1.4			.2							73	73	86	41
[redacted]/ 61		1.3	.9	.8	.3	.8	.8	1.2	.6	.7									62	62	81	41
[redacted]/ 59	.1	.4	.8	.2	.2	.9	1.2	1.4	.2	.1									51	51	65	48
[redacted]/ 57	.2	.4	.9	.7	.6	.6	1.2	.4	.6										51	51	74	39
[redacted]/ 55	.1	1.6	.4	.6	.6	1.1	.8	.2	.1										50	50	65	46
[redacted]/ 53	.1	.3	.3	.7	.6	.9	.7	.2											38	38	74	47
[redacted]/ 51		.2	.6	.3	.7	.3	.4		.1										24	24	64	58
[redacted]/ 49			.6	.8	.7	.3	.6												23	23	68	45
[redacted]/ 47		.2	.2	.4	.6	.3	.4												20	20	67	45
[redacted]/ 45		.1	.7	.7	.2	.2													17	17	52	34
[redacted]/ 43				.3		.3													6	6	38	46
[redacted]/ 41				.2	.7														8	4	13	51
[redacted]/ 39				.2	.1														3	3	16	45
[redacted]/ 37				.1															1	1	12	44
[redacted]/ 35																					7	52
34/ 33																					6	48
[redacted]/ 31																					2	46
[redacted]/ 29																						22
[redacted]/ 27																						42
[redacted]/ 25																						18
[redacted]/ 23																						9
[redacted]/ 21																						11
[redacted]/ 19																						14

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MCGHEE TYSON AIRPORT TN 74-83 APR
STATION STATION NAME YEARS MONTH

PAGE [illegible] 18 0-2300
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
[illegible]/ 17																					7
[illegible]/ 15																					3
[illegible]/ 13																					3
1[illegible]/ 11																					1
TOTAL	.[illegible]	7.[illegible]	.[illegible]	10.2	8.[illegible]	12.[illegible]	13.[illegible]	13.[illegible]	11.[illegible]	6.6	4.[illegible]	.9						900	[illegible]	900	[illegible]

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.	2634037	47011	52.2	20.517	900							
Dry Bulb	3828114	58110	64.6	9.203	900			41.2	20.0	3.2		90
Wet Bulb	2716457	48901	54.3	8.132	900		.2	2.8				90
Dew Point	1934861	40295	44.8	12.060	900		15.3	.1				90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MCGHEE TYSON AIRPORT TN [illegible] 74-82 YEARS [illegible] APR MONTH

STATION STATION NAME

[illegible] 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								2	2		
[illegible]							.1	.2	.1									4	4		
[illegible]				.1	.2	.8	.2	.4	.1		.2							18	18		
[illegible]				.6	.4	.6	.8	.2	.1	.2								26	26		
[illegible]			.7	.9	2.1	1.6	1.7	.7	.4	.1	.1							74	74		
[illegible]		.2	.4	1.2	2.2	.7	.9	.2	.3	.1								60	60	7	1
[illegible]		2.0	1.9	.9	1.7	1.9	.4	.1	.2									62	62	17	2
[illegible]	.3	1.6	.2	1.1	.6	.9	1.1	.4	.1									66	66	6	22
[illegible]	.3	1.7	.8	.4	1.9	.8	.7	1.2										68	68	71	4
[illegible]	1.3	2.1	.9	.6	1.6	1.1	.6	1.2	.1									58	38	84	56
[illegible]		1.0	1.1	.7	.9	1.6	1.3	.7										62	62	68	42
[illegible]	.1	1.6	.7	1.1	1.6	1.4	.9	.1										67	67	59	67
[illegible]		1.6	1.2	1.2	1.2	1.2	.7											64	64	74	47
[illegible]		.9	.9	1.2	1.4	.4	.2											47	48	52	55
[illegible]	.1	.4	1.2	1.7	1.4	1.2	.9											54	54	76	53
[illegible]	.1	.1	1.4	1.2	1.1	.9	.1											45	45	62	36
[illegible]		.6	.4	1.2	.1	.6												26	26	75	47
[illegible]			1.3	.6	.4	.3												24	24	58	46
[illegible]		.2	.4	.6	.6	.1												17	17	46	53
[illegible]		.1	.6		.2													9	9	31	41
[illegible]		.1		.4														5	5	29	57
[illegible]	.1		.1	.2														4	4	14	49
[illegible]			.2															2	2	0	51
[illegible]		.1																1	1	7	45
[illegible]																				4	23
[illegible]																					13
[illegible]																					11
[illegible]																					11
[illegible]																					15
[illegible]																					12
[illegible]																					3
TOTAL	2.1	18.4	9.9	18.1	15.9	18.9	9.9	14.9	8.0	5.2	1.7	.6	.2					898	899	898	898

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.	3915293	56931	63.4	18.870	898							
Dry Bulb	3133569	52489	58.4	8.762	899		.1	18.7	2.7			90
Wet Bulb	2455785	46355	51.6	8.376	898		1.1	.7				90
Dew Point	1929677	43791	45.6	11.221	898		13.1	.1				90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-82 YEARS | APR MONTH

[illegible] HOURS (L. S. T.) | 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
[illegible] 97											•1	•1	•2					4	4		
[illegible] 95										•1	•1	•1	•2					23	23		
[illegible] 93								•	•1	•1	•2	•2	•1					39	39		
[illegible] 91							•1	•1	•2	•4	•7	•2	•2	•1				97	97		
[illegible] 89						•1	•2	•4	•5	•2	•2	•1						137	137		
75/ 87					•1	•3	•5	•	•4	•7	•4	•1						176	179		
[illegible] 85				•1	•1	•5	•4	•4	•4	•7	•2	•1	•1					219	219		
[illegible] 83				•2	•3	•6	•5	•4	•4	•3	•2	•1	•1					226	226		
[illegible] 81			•1	•5	•6	•4	•6	•4	•5	•3	•2	•1						249	249	3	
[illegible] 79		•1	•7	•7	•9	•9	•7	•6	•5	•6	•2	•1						415	415	23	1
[illegible] 77		•3	1•0	•8	•9	•6	•8	•[illegible]	•7	•4	•2							441	441	144	7
[illegible] 75	•0	1•0	1•0	•7	•7	•5	•6	•[illegible]	•5	•7	•2							433	433	314	7[illegible]
[illegible] 73	•0	1•3	•9	•8	•8	•8	•7	•6	•7	•1	•0							4[illegible]	4[illegible]	491	2 9
[illegible] 71	•2	1•4	•7	•8	•8	•8	•[illegible]	•7	•3	•1								469	469	466	2[illegible]
[illegible] 69	•6	1•8	•9	•6	•7	•8	•6	•[illegible]	•3	•0								491	491	552	418
[illegible] 67	•5	1•3	1•[illegible]	•5	•7	•8	•7	•[illegible]	•2									427	427	537	379
[illegible] 65	•4	1•7	•9	•9	1•[illegible]	•8	•5	•[illegible]	•1									446	466	498	421
[illegible] 63	•3	1•5	•3	1•2	•5	•6	•3	•[illegible]										420	420	563	423
[illegible] 61	•1	•9	1•3	•6	•8	•3	•2	•	•[illegible]									320	321	490	436
[illegible] 59	•1	•7	1•6	1•2	•7	•3	•[illegible]											341	341	497	354
[illegible] 57	•[illegible]	•8	1•[illegible]	•8	•7	•3	•1											290	290	506	346
[illegible] 55	•[illegible]	1•2	1•[illegible]	1•[illegible]	•[illegible]	•2	•[illegible]											289	289	491	363
[illegible] 53	•[illegible]	1•1	1•2	•5	•[illegible]	•1												234	234	395	431
[illegible] 51	•[illegible]	•9	•9	•3	•[illegible]	•[illegible]												192	192	344	459
[illegible] 49	•[illegible]	•7	•7	•2	•[illegible]													120	120	283	456
[illegible] 47	•2	•5	•2	•4	•[illegible]													87	87	216	445
[illegible] 45	•1	•5	•3	•2														71	71	135	377
[illegible] 43	•[illegible]	•2	•2	•1														36	36	90	327
[illegible] 41		•3	•1															28	28	62	263
[illegible] 39	•[illegible]	•1	•1															13	13	42	151
[illegible] 37		•[illegible]	•[illegible]															[illegible]	[illegible]	16	116
[illegible] 35																				[illegible]	11[illegible]
[illegible] 33																					75
[illegible] 31																					8[illegible]

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION [illegible] MEMPHIS INTERNATIONAL AIRPORT TN STATION NAME — YEARS 74-83 — MONTH [illegible]

PAGE [illegible] — HOURS (L.S.T.) [illegible]

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]																					7
22/ 17																					1
16/ 15																					
14/ 13																					
12/ 11																					1
TOTAL	2.	91	0.	317	0.	113	0.	112	0.	9.	7.	8.	3.	4.	0.	5.	3.	3.	4.	2.	7198
																		7197		7197	

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.	31897227	854537	63.2	21.56	7197							
Dry Bulb	26239759	826919	59.3	11.299	7198		8.3	262.9	92.3	23.5		720
Wet Bulb	20026511	374025	52.0	9.48	7197		12.7	2 .0				720
Dew Point	15534284	328656	45.1	11.18	7197		1.0.6	.8				720

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MCGHEE TYSON AIRPORT TN — [illegible] — MAY

STATION — STATION NAME — YEARS — MONTH

[illegible] — [illegible]

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]			.0	.1														[illegible]	[illegible]		
[illegible]		.0	.0	.1	.0		.1	.1										[illegible]	[illegible]	[illegible]	
[illegible]		1.4	1.5	1.2	.7	.4	.4											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.0	3.3	2.5	1.2	.2	.7	.1											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.6	5.3	3.7	.9	.7	.1	.1											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2.9	6.3	1.8	1.2	.3	.4												[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2.8	5.5	1.5	.1	.0	.2	.1											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2.5	4.1	2.3	1.1	.7	.4												[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2.5	3.9	1.9	.8	.1	.3												[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.6	2.7	2.1	1.0	.2	.2												[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.4	2.6	1.3	1.6	1.1	.1	.0											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.3	1.5	1.8	.5	.1	.1												[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2	1.5	1.4	.5	.0	.1												[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	1.9	1.1	.4	.1													[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2	.6	1.0	.2	.1													[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2	.6	.3	.1	.1													[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	.3																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																		[illegible]	[illegible]	[illegible]	[illegible]
TOTAL	14.9	39.9	24.8	11.1	5.4	2.8	1.1	.1										[illegible]	[illegible]		[illegible]
																		970		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6828115	78751	84.7	13.107	930							
Dry Bulb	3562713	57211	61.5	6.823	930			25.0	1.4			93
Wet Bulb	3254396	54610	58.7	7.164	930			12.6	.3			93
Dew Point	3048200	52652	56.6	8.512	930		.7	7.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

[illegible] MEMPHIS TYSON AIRPORT TN [illegible] YEARS [illegible] MONTH
STATION NAME

DATE [illegible] 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] / 72		.2		.3	.2													8	[illegible]		
[illegible] / 71		.1		.4		.2	.1											6	6	[illegible]	[illegible]
[illegible] / 69	.1	2.3	1.[illegible]	.5	.1	.2												39	39	[illegible]	[illegible]
[illegible] / 67	1.4	4.9	1.9	.2	.2	.1	.1											43	43	41	36
[illegible] / 65	2.8	5.3	2.7	.8	.1													109	109	94	65
[illegible] / 63	4.1	6.3	.8	.2	.1	.1												156	156	129	1.0
[illegible] / 61	4.	6.5	.9	.4	.3	.1												113	113	110	111
[illegible] / 59	3.7	3.5	1.[illegible]	.8	.2	.1												76	76	98	101
[illegible] / 57	1.3	3.1	1.2	.9	.3	.1												[illegible]	[illegible]	91	54
[illegible] / 55	1.5	3.8	2.4	.2	.3													82	82	63	41
[illegible] / 53	.6	2.5	1.3	.6														[illegible]	53	49	43
[illegible] / 51	.4	2.4	1.7	.3		.1												46	46	52	32
[illegible] / 49	.3	2.0	1.4	.2	.1													45	45	54	52
[illegible] / 47	.6	2.3	.5	.2	.1													34	34	51	28
[illegible] / 45	.2	1.9	.2	.2														20	20	41	45
[illegible] / 43	.1	1.2	.3	.2														17	17	25	36
[illegible] / 41	.2	.4	.2															8	8	19	27
[illegible] / 39	.3		.1															6	6	12	27
[illegible] / 37	.2																	[illegible]	[illegible]	4	9
[illegible] / 35																				1	[illegible]
[illegible] / 33																					[illegible]
[illegible] / 29																					[illegible]
TOTAL	21.9	49.6	18.7	6.3	[illegible]	1.[illegible]	.2											538	[illegible]	930	93

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.	7465336	826923	88.9	11.31	930							
Dry Bulb	3290912	54912	59.[illegible]	7.197	930			17.8	.6			93
Wet Bulb	3084239	53108	57.1	7.449	930			5.1				93
Dew Point	2986427	51763	55.7	8.391	930		.4	4.1				93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION [redacted] MCGHEE TYSON AIRPORT TN [redacted] YEARS [redacted] MONTH [redacted]

HOURS (L. S. T.) [redacted]

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								
[redacted] / 77				.1														1	1						
/ 75			.1		.1													2	3						
74/ 73				.1														1	1						
/ 71			.4	1.1	.6	.2	.1											2	2	1					
/ 69			.3	.2	.5	.2	.2	.1										4	4	1					
/ 67	1.	4.7	3.	.2	.2	.2	.2											8	9	2	4				
/ 65	2.	7.	2.4	.4	.2	.1												11	11	2	5				
/ 63	2.3	6.7	1.1	.1		.1												11	11	1	6				
/ 61	3.9	5.5	1.2	1.1	.4	.2												11	11	1	7				
/ 59	1.3	2.2	1.3	1.5		.1												7	7	2	8				
/ 57	1.7	3.3	2.3	1.	.1													7	7	4	9				
/ 55	.4	2.7	1.9	.6	.4		.1											6	6	6	9				
54/ 53	.8	2.2	1.7	.6	.1	.1												5	5	7	9				
52/ 51	.4	2.3	1.2	.4	.2													4	4	11	9				
/ 49	.1	2.2	.5	.1	.2													3	3	17	9				
48/ 47	.1	1.6	.5	.5	.1													3	3	44	9				
46/ 45	.3	1.6	.4	.2														2	2	34	4				
44/ 43	.1	.6	.1	.1														1	1	13	4				
42/ 41		.6	.1															1	1	13	2				
/ 39	.1	.1	.1															1	1	11	1				
38/ 37	.1																	1	1	7	1				
/ 35																				1	1				
34/ 33																									
32/ 31																									
/ 29																									
/ 27																									
TOTAL	15.3	46.8	22.3	8.7	3.0	1.7	.4											970	954	930	91				

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	71434.7	83797	86.9	11.548	930							
Dry Bulb	3396758	55312	67.7	7.027	930			17.8	1.2			93
Wet Bulb	3145142	53640	57.7	7.431	93			7.4	.2			93
Dew Point	2976128	52018	55.9	8.465	930		.9	5.2				93

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

2

...TAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ... MCGHEE TYSON AIRPORT TN ... STATION NAME ... YEARS ... MONTH

HOURS ... S

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ /				.2	.2	.2	.2														
≥ /				.2	.2	.6	.2		.1												
/			.2	1.2	1.2	1.	.6	.2													
≥ /			.2	1.	2.2	1.3	.8	.2	.1												
/			1.2	1.2	2.2	.8	.2	.6	.2												
≥ /		.2	2.3	3.2	1.7	1.5	1.1	.3													
/		.6	.8	3.2	1.2	1.2	.4	.2													
≥ /		1.7	4.4	2.6	1.6	1.9	1.1	.3	.1												
/	.1	2.6	2.2	1.4	1.2	1.	.2	.1													
≥ /	.2	2.3	1.4	1.3	1.	1.4	.6	.1	.1												
/	.2	2.4	1.4	1.2	1.2	.5	.2		.1												
≥ /	.2	.5	.8	1.2	.6	.3	.2														
/	.2	.2	.5	.2	.2	.2	.2	.2													
≥ /	.2	.5	1.2	.1	.2	.6	.3														
/	.2	1.1	.2	.1	.2	.2															
≥ /		.3	.4	.3	.2	.2															
/		.1	.2		.1	.2															
≥ /			.1																		
/		.1																			
≥ /																					
/																					
≥ /																					
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≥ /																					
/																					
TOTAL	1.7	17.3	20.5	27.7	19.1	14.5	7.2	2.1	.3												

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.	4.85452	65558	71.1	14.95	928							
Dry Bulb	43839.7	63451	63.4	7.07	328			6.	27.	4.		
Wet Bulb	3643723	57	62.7	6.15	923			8.	3.			
Dew Point	3206477	53253	58.1	8.67	923		7.	13.6	4.			

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

2

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

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | [illegible] MONTH

[illegible] 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]/ 85										.1								1	1		
[illegible]/ 83							.1	.1	.1	.2	.2							6	9		
[illegible]/ 81						.4	1.1	1.3	.5	.2	.1							17	17		
[illegible]/ 79				.4	2.1	1.1	1.6	1.5	.9	.2	.2							68	65		
[illegible]/ 77			.2	.1	1.1	1.9	3.5	1.4	1.1	.6	.2							89	89		
[illegible]/ 75				.1	1.7	2.6	1.4	1.4	1.2	.1	.2							86	86		
[illegible]/ 73			.1	1.0	1.3	1.8	1.5	1.1	1.1	.2	.2							87	87	8	
[illegible]/ 71		.1	.2	1.5	2.1	1.7	1.2	1.3	1.4	.5	.1							99	99	24	5
[illegible]/ 69			.1	1.9	2.4	1.6	1.1	1.1	1.4	.7								94	94	55	5
[illegible]/ 67		.6	1.4	1.7	.5	1.5	2.1	1.2	.2	.1								95	95	81	27
[illegible]/ 65		.9	1.2	.1	.6	.5	1.2	.8	.1									64	64	103	63
[illegible]/ 63		1.3	.1	.2	1.2	.3	.3	.2										45	45	117	83
[illegible]/ 61		1.5	.1	1.3	.1	.9	.1	.1										7	57	96	124
[illegible]/ 59		.2	.7	.2	.1	.1	.5	.3	.5									31	31	6	85
[illegible]/ 57		1.3	.2	.3	.1	.1	.3	.4	.1									28	28	75	84
[illegible]/ 55		.4	.2	.1		.2	.1	.1										15	15	53	71
[illegible]/ 53	.1	.2	.3	.2			.2											10	17	10	47
[illegible]/ 51		.3	.1	.3														12	12	31	65
[illegible]/ 49		.2	.2															6	6	24	47
[illegible]/ 47		.1																	1	15	34
[illegible]/ 45			.2	.1														3	3	10	36
[illegible]/ 43																				12	
[illegible]/ 41																					0
[illegible]/ 39																					
[illegible]/ 37																					
[illegible]/ 35																					
[illegible]/ 33																					
[illegible]/ 31																					1
[illegible]/ 29																					
[illegible]/ 27																					
TOTAL	.1	8.5	6.9	10.2	14.5	14.2	16.7	15.7	9.4	2.6	1.3							933	951	933	933

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.	3691855	55693	59.9	16.622	933							
Dry Bulb	5155954	68896	74.1	7.483	933			77.1	57.7	25.2		93
Wet Bulb	3916367	60334	64.6	6.644	933			41.6	8.9			93
Dew Point	3238421	54221	58.3	9.117	933		1.5	16.3	1.2			93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

72226 STATION — MCGHEE TYSON AIRPORT TN STATION NAME — 74-82 YEARS — MAY 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
/ 89								.2		.2			.1					5	8		
88/ 87							.2	.1	.5	.3	.2							19	19		
/ 85					.1	.5	.6	2.7	1.3	.5	.7		.7					57	57		
84/ 83			.1		.1	.8	1.3	2.7	1.4	.8	.9	.1						75	75		
/ 81				.1	1.0	1.5	2.6	1.4	1.7	.4	.7							90	90		
80/ 79				.2	1.1	2.2	1.7	1.6	1.2	1.4	.6	.1						96	96	5	
78/ 77			.1	.5	2.5	1.9	2.7	2.0	1.9	1.7	.5	.1						117	120	5	
76/ 75			.3	1.2	1.7	.5	.5	.4	1.7	1.7	.3							79	76	11	1
74/ 73		.1	.2	.2	.5	1.1	1.7	.1	1.4	1.	.2							71	71	47	5
72/ 71		.5	1.2	1.7	.9	.4	.6	1.	.6	.1								67	67	101	16
70/ 69	.1	2.2	1.7	.6	1.0	.3	.5	.5	.5	.7	.1							74	74	109	30
68/ 67		1.6	1.1	.5	.4	.1	.2	.5	.2									90	90	149	85
66/ 65		1.5		.6	.1	.2	.1	.4	.2	.2								38	38	117	142
64/ 63		.5	.2	.5	.2	.2			.6									21	21	28	119
/ 61		.5	.2	.2	.1			.1										14	14	73	68
60/ 59		.5	.2	.2														9	9	62	66
/ 57		.2	.5		.1		.1											9	9	40	6
56/ 55	.2	.1	.3	.4														10	10	43	72
54/ 53			.4															4	4	18	30
52/ 51		.3	.3															6	6	21	44
/ 49			.2															3	3	18	44
48/ 47																				11	4
46/ 45																				2	44
44/ 43																					17
42/ 41																					18
40/ 39																					13
38/ 37																					11
36/ 35																					3
34/ 33																					7
32/ 31																					3
/ 29																					5
28/ 27																					2
TOTAL	.3	8.2	7.6	9.2	11.7	11.1	12.0	11.1	8.1	8.5	3.8	.5	.5					930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3355603	53072	57.1	8.743	930							
Dry Bulb	5315644	69960	75.2	7.542	930			81.6	62.5	29.1		93
Wet Bulb	3918163	60077	64.6	6.334	930			42.4	6.5			93
Dew Point	3166176	53556	57.6	9.397	930		1.5	13.9	.8			63

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

2

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] MCGHEE TYSON AIRPORT TN — STATION NAME — YEARS — MONTH: MAY

PAGE [illegible] — 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] / 87								•																		1	1		
[illegible] / 85						.2	.1	.1	.1	.1																14	14		
[illegible] / 83					.1	.4	.4	.4	.7	.1	.1	.1														19	19		
[illegible] / 81				.1	.2	1.0	1.4	.4	.4	.1		.1														32	30		
[illegible] / 79				.2	.2	2.0	1.1	.4	.9	.5	.1															4	64		
[illegible] / 77			1.0	2.2	1.6	1.2	1.1	.6	.7	.2		.1														79	79		
[illegible] / 75		.6	1.0	3.7	1.6	1.1	1.2	1.0	.4	.1																89	89	4	
[illegible] / 73	.2	.5	3.2	1.9	1.1	1.7	.5	1.6	.5	.2																110	110	16	4
[illegible] / 71	.9	1.6	1.4	.5	1.4	1.3	1.5	.9	.1																	61	59	41	6
[illegible] / 69	2.7	3.7	1.1	1.2	1.2	1.4	1.6	.5	.2																	135	135	79	21
[illegible] / 67	.2 2.9	2.7	.3	.4	.3	.7	.4	.4	.1																	79	79	154	86
[illegible] / 65	2.3	.6	.6	.5	1.5	.2	.0	.4	.1																	75	75	136	172
[illegible] / 63	.1 2..	.5	.6	.1	.3	.2	.1	.4																		45	45	89	124
[illegible] / 61	.5	.2	.1	.2	.2	.2	.1	.1																		16	16	90	78
[illegible] / 59	.2		.2	.1	.1	.0	.1	.1																		19	19	71	68
[illegible] / 57	.5	.6	.2	.3	.1	.1	.1																			19	19	64	57
[illegible] / 55	.5	.5	.1	.2		.1																				11	11	49	59
[illegible] / 53	.3	1.1	.3																							16	16	35	40
[illegible] / 51	.4	.3				.1																				9	9	22	47
[illegible] / 49		.2																								3	3	27	36
[illegible] / 47																												14	47
[illegible] / 45																												4	34
[illegible] / 43																												2	33
[illegible] / 41																												1	19
[illegible] / 39																													11
[illegible] / 37																													12
[illegible] / 35																													0
[illegible] / 33																													2
[illegible] / 31																													0
[illegible] / 29																													2
[illegible] / 25																													2
TOTAL	.3 1[illegible]	.2 1	3.3 1[illegible]	.6 1	3.3 1	3.5 1[illegible]	.3 1	0.1	7.5	2.7	.8	.3														970	931	530	97[illegible]

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.	4222972	64138	64.7	18.966	930							
Dry Bulb	4761031	66221	71.2	7.617	930			71.8	42.4	9.6		93
Wet Bulb	3739571	58677	63.1	6.348	930			33.6	2.2			93
Dew Point	3157839	53509	57.5	9.228	930		1.1	12.7	.8			93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | [illegible] YEARS | [illegible] MONTH

PACT [illegible] 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					•													2	2		
78/ 77			.2		.3	.3												13	13		
76/ 75		.1	.6	.7	.7	.5	.2		.1	.2								32	32		
74/ 73		.2	2.3	1.4	1.2	.2		.2										57	57	7	1
72/ 71		1.4	3.8	3.5	1.1	.3	.2	.2	.1									91	91	17	6
70/ 69	.1	2.2	5.3	1.6	1.2	1.2	.4	.1										110	110	54	23
68/ 67	.6	5.7	4.1	1.4	1.3	1.5	.4	.2										142	142	103	71
66/ 65	.8	5.8	1.5	2.2	1.3	.4	.1	.2	.1									115	115	155	123
64/ 63	1.0	3.9	1.1	1.2	1.2	.6	.4											85	85	173	129
62/ 61	.3	2.6	1.4	1.8	1.3	1.1	.3											81	81	64	97
60/ 59	.5	1.6	1.3	1.2	.5	.4	.2											53	53	85	66
58/ 57		1.3	1.2	1.1	.3	.4	.3											42	42	71	59
56/ 55		1.1	1.2	.3	.5	.2												35	35	64	55
54/ 53		.8	1.4	.5	.3	.2												30	30	46	54
52/ 51		1.1	.6	.4	.5	.1												24	24	44	47
50/ 49		.5	.5	.1		.1												12	12	32	35
48/ 47		.1	.1	.1		.1												4	4	29	48
46/ 45		.2																2	2	17	23
44/ 43																				8	24
42/ 41																				2	14
40/ 39																				2	8
38/ 37																					16
36/ 35																					11
34/ 33																					3
32/ 31																					2
30/ 29																					1
TOTAL	3.3	28.4	25.6	17.7	12.[illegible]	8.2	2.8	1.4	.3	.2								930	[illegible]		930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	57771.2	71948	77.4	15.113	930							
Dry Bulb	3990474	60626	65.2	6.422	930			88.7	10.8	.1		53
Wet Bulb	3470549	56465	60.7	6.746	930			16.6	.7			93
Dew Point	3181277	53451	57.5	8.670	930		.5	10.2	.2			93

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

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CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-82 YEARS | [illegible] MONTH

PAGE [illegible] | 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] / 89								•	•0	•0		•	•0					1	1			
[illegible] / 87						•0	•0	•1	•1	•0	•1							28	28			
[illegible] / 85					•1	•2	•2	•	•2	•1	•1		•0					1 4	1 4			
4[illegible] / 83			•0	•1	•2	•3	•4	•6	•3	•1	•1	•0						169	169			
[illegible] / 81			•0	•1	•4	•6	1•	•8	•8	•1	•1	•0						272	272			
[illegible] / 79			•0	•3	•6	1•0	•9	•8	•4	•3	•1	•0						295	295	4		
[illegible] / 77			•2	•0	1•1	1•0	•7	•6	•5	•3	•1	•0						368	368	10	3	
[illegible] / 75		•0	•4	•8	1•0	•6	•4	•5	•5	•4	•1							38[illegible]	38[illegible]	46	7	
74/ 73		•2	•9	1•6	•0	•7	•6	•0	•6	•2	•1							458	458	156	2[illegible]	
[illegible] / 71		•8	1•5	1•7	•6	•7	•7	•5	•2	•1								504	504	321	61	
[illegible] / 69	•1	2•2	2•7	1•1	•8	•9	•6	•0	•2	•1	•							669	669	537	197	
[illegible] / 67	•5	3•6	2•5	•6	•0	•5	•3	•2	•2	•1								691	691	810	529	
6[illegible] / 65	1•1	4•0	1•7	1•2	•7	•5	•2	•2	•2	•1								7 1	7[illegible]1	9[illegible]9	852	
[illegible] / 63	1•3	3•6	•9	•5	•3	•2	•1	•1	•2									5[illegible]5	565	885	9[illegible]6	
[illegible] / 61	1•4	2•7	•9	•8	•5	•3	•1	•1	•1									5[illegible]9	5[illegible]9	719	759	
[illegible] / 59	1•1	1•7	•8	•7	•2	•2	•1	•1	•1									371	371	659	589	
[illegible] / 57	•5	1•5	1•2	•5	•3	•2	•1	•										318	318	481	451	
[illegible] / 55	•4	1•5	1•1	•6	•3	•2	•1											305	305	432	474	
[illegible] / 53	•2	1•1	1•2	•4	•1	•1												233	233	391	370	
[illegible] / 51	•1	1•1	•8	•2	•2	•1												195	195	276	443	
[illegible] / 49	•1	•9	•6	•1	•1	•0												133	133	272	362	
[illegible] / 47	•1	•6	•3	•1	•	•0												89	89	220	375	
46/ 45	•1	•6	•2	•1	•													72	72	144	292	
[illegible] / 43	•0	•3	•1	•0														30	33	81	182	
[illegible] / 41	•0	•1	•0															17	17	51	175	
[illegible] / 39	•1	•0	•0															8	8	29	139	
[illegible] / 37	•0																	[illegible]	3	7	61	
[illegible] / 35																				[illegible]	32	
34/ 33																					30	
[illegible] / 31																					51	
[illegible] / 29																					19	
[illegible] / 27																					[illegible]	
[illegible] / 25																					2	

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

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION MCGHEE TYSON AIRPORT TN STATION NAME 78-82 YEARS MAY MONTH

PAGE [redacted] 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
TAL	2	26	517	511	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					7438	7436	7436
																		7438		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	43269230	549039	73.8	19.200	7438							
Dry Bulb	33856863	497179	66.8	9.257	7438			390.0	203.6	68.0		744
Wet Bulb	28172142	454416	61.1	7.426	7438			183.1	22.2			744
Dew Point	24881595	425123	57.2	8.857	7438		7.8	83.7	3.0			744

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | JUL MONTH

PAGE 1 | 0000-2300 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
[illegible] / 79			.1	.1		.2												4	4		
78/ 77		.4	1.1	.7	.1	.3	.1											25	25		
76/ 75		1.[illegible]	1.[illegible]	1.2	.2													39	38	7	2
74/ 73	.2	2.7	5.1	1.8	.3													91	91	26	13
72/ 71	1.3	5.[illegible]	5.[illegible]	2.4	1.[illegible]	.1												134	134	64	56
70/ 69	4.1	1.3	5.1	2.1		.1	.1											188	188	178	132
68/ 67	2.7	5.[illegible]	3.6	1.1	.[illegible]	.3												119	119	192	166
66/ 65	2.2	3.2	3.3	1.6	.2	.1	.[illegible]											98	98	106	142
64/ 63	.8	3.7	1.6	1.[illegible]	.6	.1												79	79	97	7[illegible]
62/ 61	1.[illegible]	2.2	1.[illegible]	1.[illegible]	.7													57	57	67	61
60/ 59	.3	1.3	1.[illegible]	.4		.1												34	34	57	64
58/ 57		.2	1.1	.4	.1													17	17	48	4[illegible]
56/ 55		.3	.1	.1	.1													6	6	27	44
54/ 53		.3	.2															5	5	19	[illegible]
52/ 51		.3		.1														4	4	9	13
50/ 49		.1																1	1	[illegible]	13
48/ 47																				1	12
46/ 45																					8
44/ 43																					[illegible]
42/ 41																					4
TOTAL	12.7	36.2	31.4	14.[illegible]	3.[illegible]	1.4	.[illegible]											[illegible]			900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6756252	774[illegible]	86.[illegible]	[illegible].539	900							
Dry Bulb	4198791	61313	68.1	4.925	900			59.9	15.8			90
Wet Bulb	3865767	58795	65.3	5.258	900			46.7	4.3			90
Dew Point	3684324	57310	63.7	6.235	900			37.1	1.5			90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72226 STATION — MCGHEE TYSON AIRPORT TN STATION NAME — [illegible] YEARS — JUL MONTH

PAGE 1 — [illegible] 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] / 77		.1		.4	.[illegible]													7	7		
[illegible] / 75		.9	.8	.3	.1													[illegible]	19	[illegible]	
[illegible] / 73		[illegible].7	1.[illegible]	.[illegible]	.[illegible]													41	41	21	7
[illegible] / 71	.6	4.2	2.7	.1	.1													63	69	66	35
[illegible] / 69	4.[illegible]1	.6	4.4	.[illegible]														185	[illegible]85	119	[illegible]
[illegible] / 67	4.8	2.6	3.8	.3														166	166	182	176
[illegible] / 65	2.2	6.2	1.9	.6	.[illegible]	.2	.3											174	174	130	136
[illegible] / 63	[illegible].2	3.4	1.6	.3														66	66	98	154
[illegible] / 61	1.9	4.2	1.6	.4	.[illegible]													74	74	[illegible]	7
[illegible] / 59	1.[illegible]	3.4	1.6	.6														67	67	66	7.
[illegible] / 57	1.[illegible]	2.2	1.7	.1														44	44	64	62
[illegible] / 55	.1	2.1	.3	.1														28	28	45	43
[illegible] / 53		1.[illegible]	.5	.2														16	16	32	35
[illegible] / 51	.1	.1	.5															7	7	12	[illegible]
[illegible] / 49		.[illegible]	.2															4	4	6	17
[illegible] / 47		.1																1	1	1	3
[illegible] / 45		.1																1	1	2	[illegible]
[illegible] / 43																					[illegible]
TOTAL	19.5	51.3	22.8	4.9	1.[illegible]	.[illegible]	.[illegible]												899		899
																		839		899	

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.	7812378	81278	90.4	8.448	899							
Dry Bulb	3913464	59116	65.8	5.396	899			82.8	6.7			9[illegible]
Wet Bulb	3702095	57473	63.9	5.569	899			36.4	2.3			9[illegible]
Dew Point	3585517	56503	62.9	6.176	899			30.8	.7			9[illegible]

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] MCGHEE TYSON AIRPORT TN [redacted] JUL
STATION STATION NAME YEARS MONTH

PART [redacted] 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
[redacted]/ 91						.1												1	1		
[redacted]/ 79			.4		.2		.1											7	7		
[redacted]/ 77		.3	1.3	.5	.3	.1												26	26		
[redacted]/ 75		.9	1.3	.9	.3	.1												30	30	7	4
[redacted]/ 73		.2	2.9	1.2	.3	.2												61	61	27	17
[redacted]/ 71	.9	5.3	4.2	1.1	.1													105	105	66	47
[redacted]/ 69	3.[redacted]	6.8	4.2	1.1	.3													157	157	142	101
[redacted]/ 67	4.1	8.4	4.4	.8		.1		.1										162	162	169	167
[redacted]/ 65	1.2	6.[redacted]	2.4	.9	.1													96	94	131	142
[redacted]/ 63	1.1	3.9	2.3	.8	.3	.2												61	61	96	91
[redacted]/ 61	1.2	2.6	1.6	.3	.1													53	53	70	83
[redacted]/ 59	.9	2.1	1.[redacted]	.6	.1													47	47	59	67
[redacted]/ 57	1.1	1.3	1.[redacted]	.1	.1													36	36	49	6
[redacted]/ 55	.4	.7	.6	.2														17	17	43	38
[redacted]/ 53		.[redacted]	.4															13	13	24	35
[redacted]/ 51		.1	.2															3	3	11	24
[redacted]/ 49	.1	.2	.1															4	4	6	15
[redacted]/ 47		.1																1	1	5	5
46/ 45																				1	1
44/ 43																					
[redacted]/ 41																					
TOTAL	14.1	44.0	29.4	8.[redacted]	2.6	.9	.1	.1											9[redacted]		9[redacted]
																		9[redacted]		9[redacted]	

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.	7017141	79017	87.8	9.416	900							
Dry Bulb	4075965	60365	67.1	5.496	900			59.9	12.5	.3		90
Wet Bulb	3793509	58223	64.7	5.479	900			40.5	3.4			90
Dew Point	3636684	56948	63.3	6.083	900			32.9	1.4			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

[illegible] STATION MEMPHIS INTCON AIRPORT TN STATION NAME 74-83 YEARS JUL MONTH

FACT [illegible] 0300-1100 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
[illegible] / 99								•										•	1		
98/ 97						•	•	.2										6	6		
96/ 95						.3	.9	.1	.3									14	19		
94/ 93				.1	1.[illegible]	1.7	1.3	.7	.1	.1								45	45		
92/ 91		.2	.2	1.4	2.7	2.8	.2	.1										69	69		
90/ 89			.6	3.7	4.4	2.6	.8	.2	.6									116	118	7	2
88/ 87		.4	1.9	4.[illegible]	4.	1.7	.6	.[illegible]	.1									119	119	26	9
86/ 85		.7	3.3	4.1	3.3	1.9	.8	.1	.1									127	127	53	20
84/ 83		1.1	2.6	3.8	1.6	1.6	1.											115	119	137	49
82/ 81	.3	2.8	1.4	3.1	1.6	1.1	.4											101	101	156	94
80/ 79	.3	2.6	2.6	2.4	1.	.8	.2		.1									[illegible]	[illegible]	175	136
78/ 77	.2	1.3	1.2	.8	1.[illegible]	.7	.2	.[illegible]	.1									42	42	156	164
76/ 75	.1	.3	.6	.6	.[illegible]	.2	.1											2	[illegible]	[illegible]	133
74/ 73			.1	.4	.6	.1												11	11	[illegible]	34
72/ 71		.2	.1	.2		.1												7	7	74	77
70/ 69		.2	.1		.1													4	4	29	55
68/ 67																				21	11
66/ 65																					3
64/ 63																				9	1
62/ 61																					17
60/ 59																					3
58/ 57																					1
56/ 55																					1
54/ 53																					1
52/ 51																					1
TOTAL	1.1	10.6	15.1	25.7	23.7	15.9	5.1	1.[illegible]	1.2	.2								900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4819293	64931	72.1	12.24	900							
Dry Bulb	5107945	67633	75.1	5.271	900			55.6	61.6	19.3		900
Wet Bulb	4279657	61897	68.8	5.128	900			63.9	22.2	.3		900
Dew Point	3869585	58731	65.3	6.815	900			46.8	7.4			900

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MCGHEE TYSON AIRPORT TN — [illegible] — [illegible]
STATION — STATION NAME — YEARS — MONTH

[illegible] — 13 2-14 2
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] / 98											.1							1	1		
[illegible] / 97								.1	.1									2	2		
[illegible] / 96							.1	.1	.1									3	3		
[illegible] / 95						.2	.2	.4	.7			.2						15	15		
[illegible] / 94					.2	.3	.5	1.0	.7	.2	.3							37	37		
[illegible] / 93				.3	.8	2.0	3.2	.6	.1	.3								107	107		
[illegible] / 92			.2	.3	3.1	4.3	3.9	2.2	.6	.2	.4							140	140		
[illegible] / 91			.1	1.7	3.9	4.2	3.[illegible]	[illegible]	1.[illegible]	.4	.1	.1						145	156	2	
[illegible] / 90			.3	1.[illegible]	1.[illegible]	[illegible].3	1.[illegible]	[illegible].[illegible]	1.[illegible]	.4	.1	.1						1[illegible]	1[illegible]5	17	
79 / 77		.1	.3	1.[illegible]	1.[illegible]	1.9	1.[illegible]	1.[illegible]	.6		.1	.2						[illegible]8	[illegible]8	54	11
[illegible] / 75			.[illegible]	1.4	1.[illegible]	1.2	.[illegible]	1.[illegible]	.[illegible]		.4							68	68	116	24
74 / 73		.1	1.1	.7	.4	.4	.[illegible]	.4	.[illegible]	.[illegible]	.1							49	49	1[illegible]7	6[illegible]
[illegible] / 71	.2	1.4	.[illegible]	.4	.[illegible]	.2	.[illegible]	.4	.3									77	77	135	110
[illegible] / 69	.1	.4	.1	.4	.[illegible]	.1	.4											1[illegible]	1[illegible]	1[illegible]8	1[illegible]3
[illegible] / 67		.[illegible]	.[illegible]		.[illegible]	.[illegible]	.1											7	7	94	121
[illegible] / 65			.[illegible]		.[illegible]													5	5	[illegible]9	79
[illegible] / 63			.1	.1														2	2	[illegible]2	73
[illegible] / 61				.1														1	1	[illegible]3	43
[illegible] / 59																				2[illegible]	47
[illegible] / 57																				13	37
[illegible] / 55																				[illegible]	39
[illegible] / 53																				1	27
[illegible] / 51																					[illegible]
[illegible] / 49																					1[illegible]
[illegible] / 47																					[illegible]
[illegible] / 43																					[illegible]
[illegible] / 41																					[illegible]
[illegible] / 39																					[illegible]
[illegible] / 37																					[illegible]
[illegible] / 35																					1
[illegible] / 33																					[illegible]
TOTAL	.3	3.3	3.9	9.7	14.	22.4	18.4	16.[illegible]	5.9	[illegible].7	[illegible].1	.6						[illegible]9	[illegible]7	899	

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.	3449856	54338	60.4	13.576	899							
Dry Bulb	5892717	72673	80.7	5.223	[illegible]99			89.2	83.0	55.1	.6	9[illegible]
Wet Bulb	4505982	63484	70.6	5.[illegible]50	899			72.4	38.6	1.2		9[illegible]
Dew Point	3868280	58604	65.2	7.311	899			49.2	9.8			9[illegible]

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] MCGHEE TYSON AIRPORT TN [redacted] [redacted] 1
STATION STATION NAME YEARS MONTH

[redacted] 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	Dew Point
[redacted]																					
[redacted]																					
[redacted]																					

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME MCGHEE TYSON AIRPORT TN YEARS [illegible] MONTH

HOURS [illegible]

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]																					
TOTAL	.2	.3	9.6	12.9	15.9	16.9	14.7	10.8	7.8	2.7	.1	.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.	7965356	58 3[illegible]	64.5	15.775	9[illegible]							
Dry Bulb	5971163	7[illegible]193	78.[illegible]	5.44[illegible]	9[illegible]			93.[illegible]	74.[illegible]	35.3	.1	
Wet Bulb	4331366	62782	69.2	4.[illegible]69	9.[illegible]			66.3	25.4			9[illegible]
Dew Point	3764647	57357	63.3	7.[illegible]97	90[illegible]			43.4	4.[illegible]			9[illegible]

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION MCGHEE TYSON AIRPORT TN [illegible] YEARS [illegible]

[illegible] HOURS [illegible]

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]																					
[illegible]																					
[illegible]																					

2

...AL CLIMATOLOGY BRANCH
...ETS
A ...ER-W SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ... STATION NAME ... YEARS ... MONTH

HOURS (L.S.T.) ALL

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
-/ 99									•	•											
-/ 98									•	•											
-/ 97								•	•	•											
-/ 96								•	•	•											
-/ 95							•	•	•	•								27	27		
-/ 94							•	•	•	•								65	65		
-/ 93						•	•	1•	•	•								193	193		
-/ 92						•	•	1•	1•	•								368	368		
-/ 91					•	•	1•	1•	•	•								466	466		
-/ 90				•	•	•	1•	1•	•	•								471	472	5	
-/ 89				•	•	1•	1•	1•	•	•								519	519	12	
-/ 88				•	1•	1•	1•	•	•	•								515	515	174	42
-/ 87			•	•	1•	1•	•	•	•	•								552	550	477	77
-/ 86		•	•	1•	1•	•	•	•	•	•								608	608	716	345
-/ 85		•	1•	1•	•	•	•	•	•	•								567	567	944	679
-/ 84		1•	1•	1•	•	•	•	•	•									526	526	1178	1184
-/ 83		1•	2•	2•	•	•	•	•	•									546	547	1184	1019
-/ 82		•	2•	1•	•	•	•	•										463	463	762	922
-/ 81		•	1•	•	•	•	•											291	291	564	620
-/ 80		•	1•	•	•	•												287	287	399	530
-/ 79		•	•	•	•	•												168	168	317	455
-/ 78		•	•	•	•													98	98	242	367
-/ 77		•	•	•	•													52	52	184	321
-/ 76			•	•														37	36	94	325
-/ 75		•	•	•														14	14	38	213
-/ 74		•	•															9	9	23	117
-/ 73		•																2	2	16	78
-/ 72		•																1	1	5	29
-/ 71																					3
-/ 70																					1
-/ 69																					1
-/ 68																					1
T'L	•5	2•1	1•3	1•3	•6	•2	•7	•3	•4	•1	•	•	•	•				7198		7196	

7196 7196

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
Wet Bulb	40234477	5366579	74.6	17.487	7196			567.8	377.7	183.1	1.5	72
Dew Point	2039 419	529367	73.5	7.297	7196			567.8	377.7	183.1	1.5	72
Wet Bulb	33 29653	485792	67.5	5.710	7196			453.0	141.1	2.4		720
Dew Point	29942253	461658	64.2	6.715	7196			327.7	34.7			720

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION MCGHEE TYSON AIRPORT TN STATION NAME [redacted] YEARS Jul MONTH

[redacted] 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
[redacted] / 95							.1											1	1		
[redacted] / 93					.1		.2											3	4		
[redacted] / 91				.1	.2	.1		.1										5	5		
[redacted] / 89			.2	.4	2.4	1.1	.1											35	35		
[redacted] / 87			.5	4.1	2.2	.5		.3										75	77	7	1
[redacted] / 85		.4	4.6	4.8	3.4	1.7	.1											137	137	27	9
[redacted] / 83	.2	1.5	6.3	3.5		.7	.1											202	222	135	67
[redacted] / 81	2.6	1.8	6.1	2.5	.3	.2												208	268	263	197
[redacted] / 79	3.2	9.1	3.1	.6	.4													171	251	199	231
[redacted] / 77	.5	2.5	1.9	.4	.1													51	51	166	176
[redacted] / 75	.6	1.2	1.3	.4														47	47	58	109
[redacted] / 73	.4	.5	.2	.1														14	14	48	65
[redacted] / 71	.1	.3																4	4	23	73
[redacted] / 69	.2																	1	1	7	22
[redacted] / 67																					10
[redacted] / 65																					1
[redacted] / 63																					1
TOTAL	1.7	4.3	2.8	1.1	5.2	4.4	1.1	.5										930	970		930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7.44502	[redacted]	65.6	9.137	930							
Dry Bulb	42.0523	67421	72.5	3.711	930			67.1	46.1	3.1		93
Wet Bulb	4522432	64780	69.7	3.061	930			79.4	16.2			93
Dew Point	433.364	63422	68.2	3.737	93			67.7	7.7			93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | [redacted] STATION NAME | [redacted] YEARS | JUL MONTH

PAGE 1 | [redacted] 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			.1	.1	.1	.1												5	5		
/ 77		.2	.2	.3	.2													42	42	1	1
/ 75		.4	3.2	1.4	.7													77	77	4	1
4/ 72	.2	.6	3.1	7.	.1													133	133	24	43
/ 71	.7	3.3	4.5	1.7	.1	.1												212	212	132	141
/ 66	7.	17.1	5.5	.6	.2													246	246	254	251
/ 67	3.3	7.3	2.2	.6	.1													97	97	179	193
/ 65	1.2	3.8	.6															3	53	98	1.8
4/ 63	1.1	1.7	.4	.4														30	34	53	6
2/ 61	.2	1.1		.2														12	17	36	37
/ 59	.4	.9		.1														12	13	21	29
/ 57		.1																1	1	6	17
1/ 55																					4
4/ 52																					1
1/ 49																					1
TOTAL	15.2	39.2	22.6	6.4	1.6	.2												[redacted]			92
																		550		550	

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.	7643622	83988	90.3	7.998	930							
Dry Bulb	4634384	6556	77.5	3.706	93			81.2	25.7	.2		93
Wet Bulb	4376569	6373	68.5	3.495	930			71.4	9.9			93
Dew Point	4253066	62192	67.5	3.906	93			63.0	4.5			93

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

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | ROBBINS [illegible] AIRPORT TN STATION NAME | [illegible] YEARS | [illegible] MONTH

[illegible] 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]				.7	.1													4	4		
[illegible]			.1	.4	.3													8	8		
[illegible]			.5	1.5	.4													2	2		
[illegible]		.2	2.4	1.3	1.2	.1												46	44	4	
[illegible]	.1	1.9	6.2	2.4	.7	.2												104	104	16	3
[illegible]	.2	7.8	5.6	2.2	.2													141	141	132	46
[illegible]	1.5	17.2	9.9	1.3	.7													200	206	193	147
[illegible]	3.9	9.9	4.6	1.1	.2													182	182	201	252
[illegible]	1.7	5.7	2.8	.8														102	102	165	192
[illegible]	.4	3.2	1.1	.2														46	46	91	123
[illegible]	.7	1.2	.2	.4															20	94	77
[illegible]	.6	1.1	.2	.1														12	12	22	49
[illegible]	.2	.3	.1															6	6	16	3
[illegible]	.2																	2	2	7	1
[illegible]																					
[illegible]																					
TOTAL	9.9	44.5	29.6	12.6	3.1	.3												929	929	945	893

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.	7249166	81704	87.9	8.068	929							
Dry Bulb	4744821	66289	71.4	3.987	929			83.6	34.7	1.7		93
Wet Bulb	4415662	63966	68.9	3.490	929			73.2	12.2			13
Dew Point	4254993	62777	67.6	3.721	929			63.5	4.3			91

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MEMPHIS TYSON AIRPORT TN 74-87 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 0901-1100
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								
[illegible] / 93								.1	.1													[illegible]	[illegible]		
[illegible] / 91							.1	.1	.1													[illegible]	3		
[illegible] / 89						.2	.2	.2	.1													[illegible]	[illegible]		
[illegible] / 87					.1	1.3	1.4	.3														3	23		
85/ 85					1.7	4.7	1.2	.1	.1													6	56		
83/ 83				.3	1.1	5.1	4.1	1.3	.4													114	114		
[illegible] / 81				.4	2.8	5.5	2.7	1.1	.3	.1												123	123	1	
[illegible] / 79			1.6	6.8	5.3	3.3	.2	.1	.2													165	165	24	1
[illegible] / 77		.5	3.3	5.1	3.3	1.6	.3															132	132	64	10
[illegible] / 75	.1	.8	5.6	2.4	1.9	.3	.2															105	105	157	52
73/ 73	.1	3.4	2.4	1.3	1.1	.2																69	69	259	98
[illegible] / 71		2.3	1.7	1.4	.6																	56	56	187	269
[illegible] / 69		.9	.9	.3	.3																	22	22	116	227
[illegible] / 67	.1	1.0	.1		.1																	17	17	65	139
65/ 65		.4		.1	.1																	6	6	35	71
[illegible] / 63																								16	62
[illegible] / 61																									24
[illegible] / 59																								3	13
[illegible] / 57																									7
[illegible] / 55																									4
[illegible] / 53																									3
TOTAL	.4	8.2	16.6	21.2	25.9	18.3	6.6	2.3	.9													929	929	929	929

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4994818	67388	72.5	10.718	929							
Dry Bulb	5833449	73471	79.1	4.969	929			92.4	83.3	45.4	.2	93
Wet Bulb	4581711	67267	72.4	3.450	929			87.4	50.6	1.0		93
Dew Point	4470902	64346	69.3	3.892	929			79.7	16.1			93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MCGHEE TYSON AIRPORT TN [illegible]
STATION STATION NAME YEARS MONTH

[illegible] 12 [illegible]
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] 99																					
[illegible] 97																					
[illegible] 95																					
[illegible] 93																					
[illegible] 91																					
[illegible] 89																					
87																					
[illegible] 85																					
83																					
[illegible] 81																					
[illegible] 79																					
[illegible] 77																					
[illegible] 75																					
[illegible] 73																					
[illegible] 71																					
[illegible] 69																					
[illegible] 67																					
[illegible] 65																					
[illegible] 63																					
[illegible] 61																					
[illegible] 59																					
[illegible] 57																					
[illegible] 55																					
[illegible] 53																					
[illegible] 51																					
[illegible] 49																					
TOTAL	.2	4.4	3.2	6.7	11.4	20.0	21.2	16.4	11.0	4.3	.2	.3	.1					929	[illegible]		929

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3575579	56892	60.8	12.306	929							
Dry Bulb	6685240	78684	84.6	5.477	93[illegible]			93.0	89.2	78.9	5.0	93
Wet Bulb	5094987	68729	78.[illegible]	3.331	929			9[illegible].8	66.7	3.0		93
Dew Point	4857967	64235	69.1	6.215	929			71.8	16.7	.1		43

USAFETAC FORM 0-26-5 (OL A) 8-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | JUL MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 99												.2						2	2		
[illegible] / 97										.1	.1			.1				3	3		
[illegible] / 95								.1	.5	2.3	.9	.3	.1	.1				36	38		
[illegible] / 93							.1	.	2.5	2.9	.6							46	48		
[illegible] / 91							.3	1.6	2.6	2.2	.9							71	71		
[illegible] / 89						.4	1.3	4.7	4.1	2.3	1.1	.1						134	134		
[illegible] / 87						.3	3.1	6.6	1.9	1.7	.5							141	141		
[illegible] / 85					.2	.2	4.2	3.4	4.5	1.4	.2	.1	.4					138	138		
[illegible] / 83					.4	2.1	2.9	2.5	1.3	1.4	.5							118	118		
[illegible] / 81				.1	1.2	.3	.4	.5	.1	.3								56	58	0	
[illegible] / 79				.4	1.5	1.2	1.3	.2	.1	.4								48	48	40	
[illegible] / 77			1.3	1.1	.3	.2	.1	.1										28	28	123	0
[illegible] / 75		1.1	1.1	.6	.6	.1												39	39	246	19
[illegible] / 73		1.1	1.9	.5	.3													35	35	236	102
[illegible] / 71	.3	1.5	.6	.1		.1												25	25	154	172
[illegible] / 69	.1	1.1	.2															13	13	73	213
[illegible] / 67																				46	156
[illegible] / 65																				17	115
[illegible] / 63																				3	57
[illegible] / 61																				1	36
[illegible] / 59																					24
[illegible] / 57																					12
[illegible] / 55																					5
[illegible] / 53																					5
[illegible] / 51																					2
TOTAL	.4	4.6	6.5	5.7	8.4	10.4	12.9	20.2	15.4	9.9	4.1	1.2	.1	.2				930	933	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3304203	54197	58.3	14.377	93[illegible]							
Dry Bulb	6798571	79[illegible]9	85.3	6.151	93[illegible]			93.0	89.2	77.2	9.2	93
Wet Bulb	5047825	68453	73.6	3.167	930			90.9	63.1	1.1		93
Dew Point	4343377	63425	68.2	4.385	930			66.5	12.7			93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72726 MCGHEE TYSON AIRPORT TN 74-82 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 1 to 24 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									
≥ 97												.1							1	1		
96/ 95										.1		.1		.1					4	4		
94/ 93								.2	.2	.1	.1								12	12		
92/ 91							.1	.2	.2	.4	.3								32	32		
90/ 89						.1	1.2	2.1	.8	.5	.3								45	45		
88/ 87						1.2	3.2	2.1	1.6	1.1		.1							23	93		
86/ 85					1.1	4.3	4.1	2.1	1.1	.1	.1	.2							126	126		
84/ 83				.1	3.1	4.4	1.7	2.3	.2	.4	.1								120	120		
82/ 81		.1	.2	1.9	4.	2.4	2.9	.9	.6										119	119		
80/ 79			.8	3.9	3.5	1.8	.8	.2	.2										124	124	14	
78/ 77		.3	3.1	2.5	1.4	1.3	.4	.4											87	87	8	
76/ 75		2.3	3.4	1.3	1.1	.3	.3												62	62	1.3	.1
74/ 73		2.3	1.8	.8		.7													59	59	25.7	1.5
72/ 71	.1	1.9	1.3	.2	.1	.1													32	32	19.6	2.6
70/ 69	.1	.9	.3		.1														17	17	17.2	2.9
68/ 67	.1																		1	1	4.7	1.7
66/ 65		.3																	3	3	2.1	.8
64/ 63																					1.5	.2
62/ 61																					1	.4
60/ 59																						1.6
58/ 57																						1.1
56/ 55																						1.1
54/ 53																						.1
52/ 51																						.2
≤ 49																						.1
TOTAL	.3	9.2	13.6	11.2	14.6	16.2	14.7	12.4	6.2	2.9	.9	.5		.1						930		930		93.1

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.	4227388	61176	65.8	14.789	930							
Dry Bulb	6227347	75925	81.6	5.572	930			92.7	88.2	60.7	1.7	93
Wet Bulb	4926330	67624	72.7	3.133	930			89.3	53.4	.5		93
Dew Point	4371813	63637	68.4	4.319	930			67.8	13.2	.1		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

2

PSYCHROMETRIC SUMMARY

[redacted] MCGHEE TYSON AIRPORT TN 74-83 JUL
STATION STATION NAME YEARS MONTH

[redacted] 21 C-23
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[redacted] / 99								•										1	1		
[redacted] / 97							•	•										2	2		
[redacted] / 95				•	•	1.1		•										19	19		
[redacted] / 93				•	1.5	•	•	•	•									37	33		
[redacted] / 91			•	1.0	2.7	1.4	•	•										61	61		
[redacted] / 89		.2	2.7	5.4	3.8	2.1	•	•										176	176	3	
[redacted] / 87		.4	4.4	5.0	2.6	1.3	•	•										139	139	22	2
[redacted] / 85		2.5	6.5	4.2	3.4	•	•											183	167	93	.9
[redacted] / 83	.1	7.8	5.5	3.[redacted]	•	•	•											144	164	213	91
[redacted] / 81	.5	7.4	3.3	1.4	•	•												125	125	239	216
[redacted] / 79	1.[redacted]	2.4	1.3	.6	.4		•											54	54	203	235
[redacted] / 77		.5	1.[redacted]	.4	•													20	22	93	156
[redacted] / 75	.3	.5	•															5	10	47	68
[redacted] / 73			.1															1	1	26	67
[redacted] / 71	.1																	1	1	[redacted]	42
[redacted] / 69																				[redacted]	18
[redacted] / 67																					11
[redacted] / 65																					[redacted]
[redacted] / 63																					4
[redacted] / 61																					1
TOTAL	.2	21.6	25.3	23.3	16.[redacted]	7.6	1.7	1.[redacted]	.3									930	[redacted]		930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5944250	73596	79.1	11.375	930							
Dry Bulb	5358279	70483	75.8	4.215	930			91.8	71.9	18.0		93
Wet Bulb	4700299	66749	71.[redacted]	3.193	930			84.6	32.1			[redacted]
Dew Point	4396717	63843	68.6	3.882	930			75.1	11.2			[redacted]

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] MEMPHIS INTERNATIONAL AIRPORT TN 74-87 JUL
STATION STATION NAME YEARS MONTH

DATE 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
/ 99												•						[illegible]	[illegible]		
[illegible]/ 97										•	•	•						7	7		
6/ 95									•	•1	•4	•1	•1	•[illegible]	•[illegible]			[illegible]2	[illegible]2		
[illegible]/ 93								•2	•[illegible]	•[illegible]	•2	•1						67	97		
[illegible]/ 91							•0	•2	•[illegible]	•[illegible]	•4	•1						173	177		
[illegible]/ 89						•[illegible]	•2	1•0	1•[illegible]	•6	•6	•2	•2					298	298		
[illegible]/ 87					•[illegible]	•[illegible]	•7	1•[illegible]	1•[illegible]	•7	•[illegible]	•[illegible]	•[illegible]					398	398		
[illegible]/ 85					•1.	•[illegible]	2•6	1•7	1•4	•5	•1	•1	•1					520	520		
4/ 83				•1	•[illegible]	2•[illegible]	2•3	1•	•[illegible]	•[illegible]	•1	•						521	521	1	
[illegible]/ 81			•0	•2	1•2	2•4	1•1	•[illegible]	•[illegible]	•2	•[illegible]							865	869	16	•
[illegible]/ 79			•1	•[illegible]	3•[illegible]	2•[illegible]	1•3	•7	•1	•1								938	938	178	4
73/ 77			•3	2•8	2•5	1•4	•6	•2	•1									582	582	420	35
[illegible]/ 75		•[illegible]	2•2	4•1	2•[illegible]	1•[illegible]	•[illegible]	•1										730	[illegible]10	957	[illegible]8
4/ 73		•2	5•4	3•3	1•8	•4	•1	•										642	642	1517	658
[illegible]/ 71	1•[illegible]	8•6	2•[illegible]	1•1	•7	•1												[illegible]86	[illegible]86	1516	1[illegible]23
[illegible]/ 69	1•9	4•8	3•[illegible]	•4	•2													[illegible]2	693	1312	1832
[illegible]/ 67	•6	1•9	1•	•3	•1													287	787	790	1[illegible]1
6/ 65	•3	1•3	•4	•1	•													15[illegible]	158	383	810
[illegible]/ 63	•2	•[illegible]	•1	•1														59	[illegible]9	221	527
[illegible]/ 61	•2	•3	•[illegible]	•[illegible]														[illegible]0	46	120	298
[illegible]/ 59	•1	•1	•[illegible]	•[illegible]														[illegible]0	20	4[illegible]	174
[illegible]/ 57	•[illegible]	•[illegible]																[illegible]3	[illegible]3	15	1•4
5/ 55																				4	4[illegible]
[illegible]/ 53																					[illegible]5
[illegible]/ 51																					[illegible]1
[illegible]/ 49																					3
TOTAL	4•52	3•41	7•81	3•11	[illegible]•[illegible]	•[illegible]	7•2	6•	4•[illegible]	2•1	•[illegible]	•[illegible]	•[illegible]	•[illegible]				7438			7437
																		7437		7437	

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.	44.427[illegible]9	559[illegible]33	75.2[illegible]	16.485	7437							
Dry Bulb	45[illegible]2344	577142	77.6	7.332	7438			715.0	528.3	284.7	16.1	744
Wet Bulb	37967812	530598	71.[illegible]	3.[illegible]80	7437			667.[illegible]	309.8	5.6		7[illegible]4
Dew Point	34[illegible]6919	508477	68.4	4.086	7437			548.6	85.8	.2		744

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

2

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MEMPHIS TYSON AIRPORT TN [illegible] 67-81 [illegible] APR
STATION STATION NAME YEARS MONTH

[illegible] 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													2	2		
[illegible] / 79				.1	.1	.1												3	4		
[illegible] / 77			.3	3.5	1.7	.5	.1											59	59		
[illegible] / 75		.1	.3	2.3	2.8	.5												178	139	28	4
[illegible] / 73	.7	1.5	9.2	2.5														210	210	112	33
[illegible] / 71	2.3	14.1	6.5	2.3	.4													277	277	279	169
[illegible] / 69	2.4	6.1	6.3	.4	.5													141	141	225	274
[illegible] / 67	.9	1.5	2.9	.4														33	33	139	143
[illegible] / 65	.5	1.6	1.1	.4														37	36	91	121
[illegible] / 63		1.5	.3	.1														15	15	42	75
[illegible] / 61		.5	.3	.1														9	9	24	33
[illegible] / 59			.3															7	7	16	23
[illegible] / 57																					1
[illegible] / 55																				3	1
[illegible] / 53																					
[illegible] / 51																					
TOTAL	6.4	40.0	39.4	12.4	5.4	.5	.1	.1										970	970	970	970

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7,640[illegible]1	64737	66.8	7.687	970							
Dry Bulb	4952507	67 99	72.1	3.518	970			86.5	43.4	.3		93
Wet Bulb	4490132	64646	69.4	3.343	930			76.5	13.3			93
Dew Point	4313856	63244	68.9	3.740	931			66.7	5.5			93

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

2

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH

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				.5	.1																
78/ 77			.2	1.2																	
76/ 75		1.7	.6	.1	.1																
74/ 73		1.1	1.1	.2	.3																
71	.1	1.2	.9	.4	.3	.1															
70/ 69	.5	2.1	2.0	.6					.1												
68/ 67	2.7	4.7	4.9	.5	.1	.1															
66/ 65	1.6	2.3	.8	.2																	
64/ 63		2.1	.7																		
62/ 61	.2	1.6	.3	.2																	
60/ 59		1.4	.2																		
58/ 57		.2	.2																		
56/ 55																					
54/ 53																					
52/ 51																					
TOTAL	11.1	25.2	12.2	3.4	4.4	.2	.1											927		927	

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7[illegible]5985	63737	9[illegible].3	6.786	927							
Dry Bulb	4504769	65105	72.2	3.047	927			[illegible].1	23.9	.1		[illegible]
Wet Bulb	4336521	63317	68.3	3.576	927			62.7	6.2			[illegible]
Dew Point	4211796	62362	67.[illegible]	3.665	927			[illegible].[illegible]	1.7			93

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

2

PSYCHROMETRIC SUMMARY

STATION MCGHEE TYSON AIRPORT TN. STATION NAME YEARS MONTH

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		
/ 75			•	•	•4																
7 / 77		•1	2•7	1•7														34	34		
/ 73	•1	•9	5•6	1•5														46	46	7	
/ 77	•1	7•6	5•5	•7	•	•1												1	1		1
/ 71	1•7	5•3	6•1	•6	•7													21	21		
/ 69	6•	8•3	6•2	•1	•													3			
/ 67	2•7	5•8	5•1		•													1	1	1	
/ 65	1•	2•6	1•7	•7														1		1	
/ 63	•3	1•1	•4															6		5	
/ 61	•1	1•7	•1	•7														1		2	
/ 59	•1	1•3	•6																		
/ 57		•7	•2																	1	
/ 55																					
/ 53																					
/ 51																					
TOTAL	12•9	4•2	34•7	5•4	1•2	•1												8 9	9	9	3

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.	7462747	83 49	89•4	7• 01	929							
Dry Bulb	6276 5	45467	7 •5	3•21	929			81•4	26•1	•6		
Wet Bulb	5356361	63•1	68•3	3•276	929			69•9	6•7			93
Dew Point	4211539	62445	67•2	3•264	929			62•4	1•7			93

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

2

PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME

YEARS MONTH

HOURS (L.S.T.)

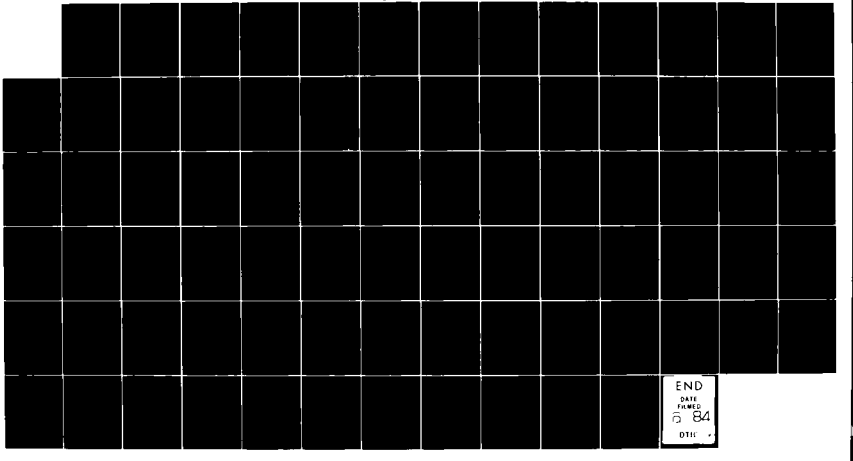
Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
/ 61																					
/ 97																					
/ 97																					
/ 93																					
/ 87				1.																	
/ 81																					
/ 75																					
/ 69																					
/ 63																					
/ 57																					
/ 51																					
/ 45																					
/ 39																					
/ 33																					
/ 27																					
/ 21																					
/ 15																					
/ 9																					
/ 3																					
TOTAL	3.2	.1	19.	29.	42	3.	13.	2	1.	.2											

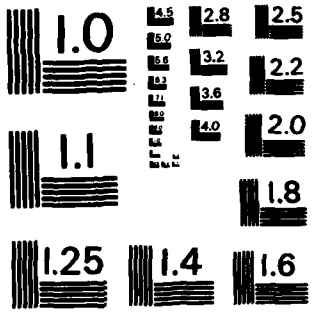
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

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

AD-A140 245 MCGHEE-TYSON AIRPORT TENNESSEE REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 30 JAN 84

UNCLASSIFIED USAFETAC/DS-84/006 SBI-AD-E850 614 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97									.1	.1	.3							5	5		
96/ 95									.2	.3	.1	.1						7	7		
94/ 93								.5	.6	.5	.2							19	19		
92/ 91						.1	.2	1.7	1.4	1.1	.7							44	44		
90/ 89						.3	2.0	4.3	1.6	.2	.1							80	80		
88/ 87					.2	2.3	5.8	4.	1.2	.5								131	131		
86/ 85				.1	1.3	8.1	5.2	2.2	.9	.3								167	167		
84/ 83				1.2	5.4	4.8	3.8	1.2	.6									156	156		
82/ 81			.1	2.8	3.3	2.6	3.1	.8	.3									121	121	5	
80/ 79		.2	.8	1.8	2.6	1.6	1.6	.2	.1	.1								85	85	25	
78/ 77		.3	1.2	1.3	.9	1.2	.6	.1										52	52	130	8
76/ 75		.5	1.3	.5	.4	.1	.2	.1										30	30	292	36
74/ 73		.3	.4	.8	.4		.1											19	19	220	129
72/ 71		.9	.4															12	12	112	224
70/ 69	.1		.1															2	2	79	198
68/ 67																				49	121
66/ 65																				14	89
64/ 63																				3	53
62/ 61																				1	33
60/ 59																					26
58/ 57																					7
56/ 55																					4
54/ 53																					1
52/ 51																					1
TOTAL	.1	2.3	4.3	8.3	14.6	21.1	22.7	15.3	7.1	3.2	1.0	.1						930	937	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 92 F	Total
Rel. Hum.	3637580	57212	61.5	11.270	930							
Dry Bulb	6598983	78211	84.1	4.823	930			93.0	91.6	77.4	3.1	93
Wet Bulb	5077164	68654	73.8	3.116	930			91.2	67.2	1.4		93
Dew Point	4455132	64258	69.1	4.052	930			71.6	17.3			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

723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | AUG MONTH

 ~~15-0=1767 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/ 99											.2	.2	.1					5	5		
98/ 97										.1	.4	.3	.2					10	10		
96/ 95									.7	.2	.2	.8						13	13		
94/ 93							.1	.2	1.6	.9	.4							32	32		
92/ 91							.2	1.7	2.3	1.5	.4	.1						58	58		
90/ 89						.3	1.5	4.7	4.2	1.1	.4	.1						115	115		
88/ 87					.1	1.1	5.9	7.[illegible]	3.1	1.1	.2							172	172		
86/ 85					.6	4.2	5.1	4.3	1.4	.6	.2	.1						164	164		
84/ 83			.1	.3	2.2	2.4	1.8	1.8	1.4	.1	.1							95	95	1	
82/ 81			.5	2.4	2.9	1.5	2.4	1.2	.1	.1								103	103		
80/ 79		.3	.8	2.0	1.4	1.8	.8	.5	.2	.4								77	77	17	1
78/ 77		.2	1.1	1.3	.[illegible]	.2												33	33	117	5
76/ 75	.1	.8	1.4	1.2	.4	.3												39	39	250	20
74/ 73	.1	.2	.5	.5														13	13	275	92
72/ 71	.1	.8																8	8	125	174
70/ 69	.2																	2	2	87	191
68/ 67	.1																	1	1	40	189
66/ 65																				12	105
64/ 63																				5	68
62/ 61																				1	40
60/ 59																					25
58/ 57																					14
56/ 55																					3
54/ 53																					3
52/ 51																					5
50/ 49																					1
TOTAL	.6	2.3	4.4	7.7	8.4	11.8	17.7	21.5	14.5	6.1	2.9	1.6	.3					930	930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	3290318	53922	58.0	13.282	930							
Dry Bulb	6775750	79234	85.2	5.207	930			93.0	91.9	81.2	6.0	93
Wet Bulb	5043667	68433	73.6	2.953	930			91.2	66.0	.8		93
Dew Point	4335870	63376	68.1	4.282	930			66.3	11.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | AUG 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
98/ 97												.1						1	1		
96/ 95									.1	.1		.1						3	3		
94/ 93									.3		.3							6	6		
92/ 91							.1	.6	.3	.9								16	16		
90/ 89							.5	1.9	1.2	.1	.1							36	36		
88/ 87					.1	.3	1.9	2.2	.6	.2	.1							51	51		
86/ 85					.3	3.4	3.6	1.6	1.1									95	95		
84/ 83			.1	1.2	2.0	4.7	3.0	1.4	.4		.1							121	121		
82/ 81			.2	2.7	4.3	2.8	2.2	1.2	.4	.3								136	136		
80/ 79			1.3	4.2	5.1	2.5	1.2	.5		.1								138	138	5	
78/ 77		.4	1.9	4.4	2.1	1.6	.3	.1	.1									120	120	42	2
76/ 75		1.3	5.4	3.1	1.4	1.1	.3	.1										118	118	162	13
74/ 73	.1	2.2	1.7	1.1	.3		.1	.1										52	52	299	95
72/ 71	.4	1.1	.6	.5			.1											26	26	205	165
70/ 69	.3	.1	.2	.1														7	7	123	223
68/ 67	.1					.1												2	2	52	182
66/ 65																				26	79
64/ 63																				6	57
62/ 61																				3	50
60/ 59																				3	19
58/ 57																					3
56/ 55																					4
54/ 53																					4
52/ 51																					5
50/ 49																					1
48/ 47																					1
TOTAL	1.6	5.1	13.5	17.3	16.9	16.6	13.4	9.6	4.6	1.7	.6	.2						928	928	928	928

Element (X)	$\Sigma_{\bar{x}}'$	$\Sigma_{\bar{x}}$	$\bar{x}$	$\sigma_{\bar{x}}$	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4371098	62428	67.3	3.600	928							
Dry Bulb	60649905	74881	80.7	4.949	928			93.0	89.5	53.3	1.0	93
Wet Bulb	4867327	67151	72.4	2.977	928			89.0	50.9	.3		93
Dew Point	4387357	63399	68.3	3.168	928			70.2	11.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-87 YEARS | AUG 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
88/ 87								.2										2	2		
86/ 85						.2	.1											3	3		
84/ 83				.3	.9	.5												15	15		
82/ 81			.3	2.0	1.3	.9		.1										43	43		
80/ 79		.2	1.7	2.7	3.7	.4	.1											82	82		
78/ 77		.3	4.3	8.2	2.2	.8												143	143	11	
76/ 75		3.6	12.9	5.5	3.2	.2	.3											239	239	51	14
74/ 73	.3	5.6	8.8	4.1	.9	.3												186	186	198	70
72/ 71	.9	6.8	2.9	1.8	.2	.2												119	119	304	195
70/ 69	.5	1.8	2.7	.6	.3	.1												57	57	172	283
68/ 67	.3	.4	1.1	.3	.3	.1												24	24	106	145
66/ 65	.1	.5	.5	.1	.1													13	13	43	67
64/ 63				.1														1	1	26	73
62/ 61																				10	36
60/ 59																				3	14
58/ 57																				3	5
56/ 55																					7
54/ 53																					2
52/ 51																					2
TOTAL	2.2	19.3	35.1	25.9	12.9	3.8	.5	.3										927	927	927	927

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6099837	78701	80.6	9.308	927							
Dry Bulb	5223287	69503	75.0	3.631	927			91.6	71.5	9.5		93
Wet Bulb	4639655	65519	70.7	3.095	927			88.5	26.1			93
Dew Point	4362910	63508	68.5	3.685	927			70.9	8.8			93

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

723263 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 74-83 YEARS | AUG 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] / 99											.0	.0	.0					5	5		
98 / 97									.0	.0	.1	.1	.0					16	16		
96 / 95									.1	.1	.0	.1						23	23		
94 / 93							.0	.1	.3	.2	.1							57	57		
92 / 91						.0	.1	.5	.5	.4	.1	.0						120	120		
90 / 89						.1	.6	1.4	.9	.2	.1	.0						238	238		
88 / 87					.1	.6	1.8	1.7	.6	.2	.0							375	375		
86 / 85				.0	.4	2.5	1.9	1.1	.4	.1	.0	.0						479	479		
84 / 83			.0	.5	1.8	1.9	1.1	.6	.3	.0	.0							463	463	1	
82 / 81		.0	.2	1.7	2.4	1.3	1.0	.4	.1	.1								530	530	6	
80 / 79		.1	.8	2.7	2.3	1.0	.5	.2	.0	.1								562	562	58	2
78 / 77		.3	2.5	3.3	1.1	.6	.1	.1	.0									594	594	333	19
76 / 75	.0	1.7	5.7	2.3	1.2	.3	.1	.0										843	843	936	112
74 / 73	.1	5.0	4.5	1.7	.3	.1	.0	.0										870	870	1493	566
72 / 71	1.2	7.3	3.1	1.0	.2	.1	.0											928	928	1651	1511
70 / 69	2.0	3.9	2.8	.3	.2	.0												677	677	1314	1937
68 / 67	.8	1.5	1.3	.2	.1	.0												335	335	772	1287
66 / 65	.4	1.0	.5	.2	.0													152	152	423	793
64 / 63	.0	.8	.1	.0														72	72	229	528
62 / 61	.0	.4	.1	.1														46	46	112	305
60 / 59	.0	.3	.1															37	37	54	182
58 / 57		.1	.1															9	9	33	94
56 / 55																				13	40
54 / 53																				3	30
52 / 51																					22
50 / 49																					2
48 / 47																					1
TOTAL	4.6	21.9	22.3	13.9	10.1	8.4	7.3	6.0	3.3	1.4	.6	.2	.0					7431	7431		7431
																		7431		7431	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	44791660	565068	76.0	15.663	7431							
Dry Bulb	44902746	572019	77.0	7.266	7431			712.9	518.1	258.8	10.1	744
Wet Bulb	37625968	527982	71.1	3.877	7431			657.2	283.0	2.7		744
Dew Point	39689383	506813	68.2	3.993	7431			588.1	70.0			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

723268 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | [illegible] YEARS | SEP MONTH

PAGE 1 ~~0000-0200~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
~~80~~/ 79					.1	.1												2	2		
~~78~~/ 77			.6	.7	.1	.1												~~13~~	~~13~~		
~~76~~/ 75	.1	.1	3.3	1.7	.4													51	51	1	1
~~74~~/ 73		5.1	3.2	1.1	.1													~~56~~	~~86~~	15	
72/ 71	.6	6.3	3.3	1.4	.1	.1												107	107	125	71
~~70~~/ 69	1.3	9.1	4.4	.4														~~136~~	~~138~~	~~112~~	~~117~~
68/ 67	1.9	5.9	3.9	1.0														114	114	144	139
~~66~~/ 65	1.2	5.1	2.8	.7														~~88~~	~~88~~	~~99~~	~~106~~
~~64~~/ 63	1.3	4.2	1.7	.3	.1													69	69	100	97
~~62~~/ 61	.8	3.2	1.6	1.1														~~60~~	~~60~~	~~66~~	~~76~~
~~60~~/ 59	.3	3.3	1.6	.6	.1													53	53	57	63
~~58~~/ 57	.7	2.4	.7	.3														~~37~~	~~37~~	~~51~~	~~58~~
~~56~~/ 55	.2	2.0	.8	.7														33	33	44	45
~~54~~/ 53		1.2	1.2	.7														~~28~~	~~28~~	~~30~~	~~39~~
52/ 51		.8	.6															12	12	18	36
~~50~~/ 49		.8																7	7	25	7
48/ 47		.1																1	1	11	24
~~46~~/ 45		.1																1	1	1	~~13~~
44/ 43																				1	9
42/ 41																					1
TOTAL	8.4	49.9	29.6	10.8	1.0	.3												900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	6988805	78747	87.5	8.053	900							
Dry Bulb	4011005	59811	66.5	6.383	900			51.1	15.2			90
Wet Bulb	3729847	57659	64.1	6.318	900			39.7	1.6			90
Dew Point	3570516	56356	62.6	6.805	900			32.7	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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72326[illegible] MCGHEE TYSON AIRPORT TN 73-8[illegible] SEP
STATION STATION NAME YEARS 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
79/ 77				.1														1	1		
76/ 75			1.3	.1	.2													12	12		
74/ 73		3.6	2.2	.7	.1													59	59	3	
72/ 71	.6	7.1	2.6	.6	.1													98	98	78	32
70/ 69	1.8	10.6	2.4															133	133	118	120
68/ 67	2.3	6.7	2.0	.4														103	103	124	122
66/ 65	3.3	6.7	2.2	.1														111	111	126	124
64/ 63	1.6	5.0	1.1	.1														70	70	84	102
62/ 61	1.9	5.9	1.4	.3														86	86	78	68
60/ 59	.3	4.3	1.2															53	53	58	64
58/ 57	2.0	3.4	1.2	.1														61	61	72	77
56/ 55	.7	2.4	.4	.1														33	33	51	54
54/ 53	.4	1.1	.6	.2														21	21	34	37
52/ 51		2.1	.8															26	26	15	29
50/ 49	.2	1.3	.9															22	22	26	21
48/ 47		.9																8	8	23	18
46/ 45	.1	.2																3	3	9	16
44/ 43																				1	15
42/ 41																					1
TOTAL	15.2	61.3	23.1	2.9	.4													900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7471086	81772	90.9	6.791	900							
Dry Bulb	3789532	58102	64.6	6.552	900			40.6	7.2			90
Wet Bulb	3595475	56581	62.9	6.532	900			32.3	.3			90
Dew Point	3885022	55666	61.9	6.837	900			27.8				90

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

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 2 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | SEP MONTH

PAGE 1 0670-0800 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
76/ 77			.1	.1														2	2		
74/ 75			.1	.3	.1													14	14		
72/ 73		3.2	2.3	.6														55	55	4	
70/ 71	.2	7.3	2.8	.7														99	99	70	32
68/ 69	2.2	7.8	2.2															110	110	116	113
66/ 67	2.2	7.2	3.3	.3														113	113	112	126
64/ 65	2.4	6.9	2.2															102	102	118	103
62/ 63	1.9	4.8	1.7	.2														77	77	94	110
60/ 61	1.7	5.2	1.7															77	77	72	73
58/ 59	.9	5.6	1.0															67	67	63	68
56/ 57	1.3	3.9	.9															55	55	85	71
54/ 55	1.1	2.7	.6	.2	.1													42	42	46	68
52/ 53	.6	2.2	.2	.2														29	29	34	36
50/ 51	.2	1.2	1.0															22	22	23	31
48/ 49	.2	1.8	.6															23	23	25	26
46/ 47		.8																7	7	24	13
44/ 45		.3																3	3	9	16
42/ 43	.1	.2																3	3	2	17
40/ 41																				1	2
38/ 39																					1
TOTAL	19.9	61.1	21.1	2.7	.2													900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	7460592	81724	90.8	6.644	900							
Dry Bulb	3753777	57811	68.2	6.697	900			39.3	7.1			90
Wet Bulb	3560488	56292	62.5	6.638	900			30.8	.8			90
Dew Point	3889657	55371	61.5	6.920	900			26.5				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

72726? STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-80 YEARS | SEP MONTH

 0900-1140 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						.9	.3	.1	.1									13	13		
84/ 83					.6	.8	.2	.2										17	17		
82/ 81				.4	2.4	.9	.7	.1										38	38		
80/ 79				3.3	2.7	1.2	.1	.1										61	61		
78/ 77		.1	2.4	3.6	1.6	.9	.1											78	78		
76/ 75		.6	4.1	2.7	1.9	.2												85	85	31	1
74/ 73		2.2	3.8	3.4	2.1	1.0	.3		.1									117	117	117	17
72/ 71	.2	1.9	2.9	2.1	1.4	.6	.1											83	83	117	107
70/ 69	.4	2.7	3.6	2.2	1.4	.3	.1		.1									98	98	107	137
68/ 67	.4	2.9	2.6	2.4	.9	.7												89	89	108	98
66/ 65	.8	2.0	1.4	2.0	.9	.3	.2											68	68	93	112
64/ 63	.2	.7	1.7	1.2	.2	.1	.1											38	38	92	73
62/ 61		1.2	1.1	.6	.4	.4												34	34	58	70
60/ 59	.1	1.4	.9	.7	.1													29	29	55	60
58/ 57	.6	.4	1.3	.6	.1													27	27	44	84
56/ 55	.1	1.1	.7	.2	.1													20	20	29	41
54/ 53		.2		.2														4	4	30	27
52/ 51		.1																1	1	12	28
50/ 49																				7	23
48/ 47																					9
46/ 45																					8
44/ 43																					7
42/ 41																					2
TOTAL	2.9	17.6	26.4	25.7	16.1	8.4	2.0	.4	.3										900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	5500747	69567	77.3	11.718	900							
Dry Bulb	4585479	63935	71.0	6.965	900			67.9	40.9	10.1		90
Wet Bulb	3970441	59523	66.1	6.131	900			48.0	14.8			90
Dew Point	3650399	56989	63.3	6.818	900			35.6	1.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723260 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | SEP MONTH

PAGE 1 ~~1260-1460~~ HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95												.1						1	1		
~~94/ 93~~										.1	.2							3	3		
92/ 91								.1	.6	.3	.2							11	11		
~~90/ 89~~							.2	1.1	.7	.2								22	22		
88/ 87						.2	2.3	2.2	.7	.2	.1	.1						53	53		
~~86/ 85~~					.1	3.1	2.6	1.4	.1	.2								66	68		
84/ 83				.4	1.3	2.7	1.9	1.1	.8	.1								79	79		
~~82/ 81~~				1.2	2.9	2.4	2.3	1.8	.7	.1								103	103		
80/ 79			.2	2.7	2.3	3.2	1.7	1.7	.3	.1								107	107		
~~78/ 77~~			.9	1.8	1.1	2.1	2.4	1.0	.2	.1	.1							88	88	28	
76/ 75	.1	.1	2.1	1.1	2.6	1.8	1.3	.7		.2								90	90	104	5
~~74/ 73~~	.1	.9	.4	1.0	1.0	1.1	1..	.8	.6									59	59	160	36
72/ 71	.2	.9	1.2	.7	1.6	.1	.4	.4	.2	.1								53	53	105	113
~~70/ 69~~	.6	1.4	.9	1.0	1.0	.4	.8	.8	.2									64	64	105	117
68/ 67	.2	.7	.6	.3	.4	.6	.7	.2										33	33	126	114
~~66/ 65~~	.3	.3	.1	.6	.2	.3	.6											22	22	70	99
64/ 63		.4	.1	.2	.1	.1	.1											10	10	56	72
~~62/ 61~~		.7	.1	.4	.3													14	14	36	67
60/ 59	.2	.4	.2	.1	.2	.1												12	12	37	62
~~58/ 57~~	.3		.2	.1														6	6	25	52
56/ 55	.1	.3																4	4	29	30
~~54/ 53~~																				17	28
52/ 51																				1	18
~~50/ 49~~																				1	17
48/ 47																					19
~~46/ 45~~																					13
44/ 43																					10
~~42/ 41~~																					6
40/ 39																					2
TOTAL	2.2	6.2	7.1	11.7	15.7	18.3	18.3	12.7	5.0	1.9	.7	.2						900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3885189	57265	63.6	18.97	900							
Dry Bulb	5457209	69773	77.5	7.30	900			83.2	68.2	38.9	.8	90
Wet Bulb	4259721	61691	68.5	5.88	900			62.8	29.2			90
Dew Point	3682268	57186	63.5	7.35	900			38.5	8.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

723268 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | SEP 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
96/ 95											.1	.2	.4					7	7		
94/ 93											.1	.4						5	5		
92/ 91								.1	.8	.7	.6	.4						23	23		
90/ 89							.2	1.2	1.6	.3	.4	.2						36	36		
88/ 87						.1	1.2	2.3	1.1	.2	.1	.1						51	51		
86/ 85						.2	2.2	2.7	2.6	.4								89	89		
84/ 83				.2	1.6	2.7	2.2	1.7	1.7	.6								93	93		
82/ 81			.1	1.2	2.7	1.6	3.1	2.3	1.3	.3								112	112		
80/ 79			.4	.7	2.1	1.3	2.2	3.4	1.1	.2	.2							104	104		
78/ 77		.2	.7	1.8	.8	1.2	1.2	2.2	.7	.1	.3							77	77	15	1
76/ 75		.4	1.4	.6	1.2	.6	1.3	.4	.2	.3								60	60	97	3
74/ 73		1.6	.9	1.1	1.2	.7	.7	.5	.6	.6								65	65	154	23
72/ 71		1.9	1.4	.3	.2	.4	.3	.6	.6	.1	.1							54	54	119	96
70/ 69	.7	.4	.8	.1	.3	.6		.7	.3									35	35	127	110
68/ 67	.6	.6	.6	.7	.2	1.2	.3	.1										36	36	117	110
66/ 65		.6	.3	.2	.1	.1	.1											13	13	75	93
64/ 63		.7	.4	.4	.3													17	17	59	79
62/ 61		.4			.4													8	8	33	73
60/ 59		.1	.3		.3													7	7	29	76
58/ 57	.4	.1																5	5	36	76
56/ 55	.2	.2																4	4	33	41
54/ 53																				6	25
52/ 51																				3	21
50/ 49																					2
48/ 47																					14
46/ 45																					16
44/ 43																					9
42/ 41																					8
40/ 39																					6
38/ 37																					1
TOTAL	1.0	6.7	7.4	7.1	11.6	12.2	14.7	18.2	12.4	3.9	2.0	1.4	.4					900	900		900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3483375	53867	59.9	16.984	900							
Dry Bulb	5695887	70967	78.9	7.456	900			89.6	72.1	47.1	1.2	93
Wet Bulb	4256457	61687	68.5	5.617	900			62.9	26.6			90
Dew Point	3590748	56948	62.7	7.519	900			34.3	2.7			90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]26 MCGHEE TYSON AIRPORT TN 73-82 [illegible]
STATION STATION NAME YEARS MONTH

PAGE 1 [illegible] 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]/ 93													.1					1	1		
[illegible]/ 91											.1	.1						2	2		
[illegible]/ 89								.1	.1		.3	.2						7	7		
[illegible]/ 87						.1	.3	.2	.2	.6								13	13		
[illegible]/ 85						.2	.3	.3	.3	.3								19	19		
[illegible]/ 83					1.1	1.2	1.4	1.1	.4	.1								49	49		
[illegible]/ 81				.9	2.2	1.8	1.4	1.1	.1									68	68		
[illegible]/ 79			.3	2.8	3.	2.4	1.2	.6	.1									86	86		
78/ 77		.2	1.1	2.	2.4	1.7	1.3	.8										95	95	4	
76/ 75		.8	1.4	1.3	2.4	1.7	1.2	.1	.2									99	99	22	4
74/ 73		2.8	1.6	2.2	1.3	1.3	.7	.1	.2									91	91	126	18
72/ 71	.3	2.2	1.6	2.6	1.7	1.6	.4	.2	.1									96	96	136	83
70/ 69	1.2	1.2	1.4	1.3	1.4	.3	.4	.1	.2									77	77	109	135
68/ 67	.4	1.3	.7	1.2	1.2	.6	.3	.2	.1	.1								54	54	126	106
66/ 65	.3	.9	.9	.4	.2	.6	.1	.1										36	36	91	94
64/ 63	.3	1.1	.6	.2	.6	.2	.4											31	31	61	83
62/ 61		.7	.3	1.2	.4	.3	.1											29	29	49	7
[illegible]/ 59		.3	.7	.8	.3	.1												20	20	31	7
56/ 57	.6	.6	.2	.1	.2													15	15	73	60
54/ 55				.1														1	1	3	52
52/ 53			.1															1	1	1	22
50/ 51																				4	6
48/ 49																				6	25
46/ 47																					6
44/ 45																					7
42/ 43																					3
40/ 41																					7
38/ 39																					4
36/ 37																					2
34/ 33																					1
TOTAL	3.0	12.7	12.9	17.8	19.6	14.7	9.7	5.3	2.3	1.1	.4	.3	.1					899		899	899
																		899		899	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4586198	62722	69.8	15.298	899							
Dry Bulb	4965316	66516	74.0	6.990	899			76.8	58.1	20.0	.1	9[illegible]
Wet Bulb	4063059	60206	67.0	5.881	899			55.4	16.2			9[illegible]
Dew Point	3601422	56518	62.9	7.332	899			38.6	2.2			9[illegible]

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

STATION	STATION NAME	YEARS	MONTH
13926	MCGHEE TYSON AIRPORT TN	73-80	SEP

PAGE 2

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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]							.2											2	2		
[illegible]							.1											1	1		
[illegible]				.1	.6	.3	.2											10	10		
[illegible]				1.8	.6	.2												23	23		
78/ 77		.2	1.1	1.8	1.[illegible]	.6	.2											64	44	1	
76/ 75	.1	1.2	6.2	2.[illegible]	3.3	.2												109	109	4	4
74/ 73	.2	2.1	4.4	2.6	.[illegible]	.2												88	88	73	4
[illegible]/ 71	.6	4.4	4.2	1.5	1.													108	108	116	96
[illegible]/ 69	1.[illegible]	4.9	5.3	1.9	1.6													132	132	116	113
[illegible]/ 67	1.1	4.[illegible]	3.1	2.6	.4													101	101	147	110
76/ 65	.4	2.[illegible]	3.2	2.7	.1													76	76	89	119
[illegible]/ 63	.8	2.3	1.4	.9	.[illegible]	.1												53	53	91	91
62/ 61		1.3	.9	1.[illegible]	.1													33	33	72	72
[illegible]/ 59		1.9	1.[illegible]	.9	.8	.1												45	45	45	71
[illegible]/ 57	.7	1.4	1.2	.9	.[illegible]	.2												42	42	46	69
[illegible]/ 55		.9	.7	.8	.1	.1												23	23	34	43
[illegible]/ 53		.1	.3															4	4	26	23
[illegible]/ 51		.1	.4															5	5	23	27
[illegible]/ 49			.1															1	1	13	16
[illegible]/ 47																				4	13
[illegible]/ 45																					17
[illegible]/ 43																					8
[illegible]/ 41																					1
[illegible]/ 39																					1
[illegible]/ 37																					2
TOTAL	4.9	27.0	34.1	21.9	9.2	2.1	.9												[illegible]00		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6105229	73529	81.7	10.440	900							
Dry Bulb	4307874	62306	68.9	6.322	900			61.8	27.7	2.2		90
Wet Bulb	3858224	58668	65.2	6.136	900			45.7	7.8			90
Dew Point	3608796	56648	62.9	6.936	900			32.7	.8			90

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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-87 (YEARS) SEP (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
96/ 95											.0	.0	.1					8	8		
94/ 93										.0	.0	.1	.0					9	9		
92/ 91								.	.2	.1	.1	.1						36	36		
90/ 89							.1	.3	.3	.1	.1	.1						63	63		
88/ 87						.1	.5	.5	.3	.1	.0	.0						116	116		
86/ 85					.0	.9	.7	.4	.4	.1								191	191		
84/ 83				.1	.6	.9	.7	.5	.4	.1								239	239		
82/ 81			.0	.5	1.3	.9	.8	.7	.3	.1								331	331		
80/ 79		.1	1.4	1.3	1.1	.6	.7	.2	.0	.0								393	393		
78/ 77		.1	.9	1.6	.9	.8	.6	.5	.1	.0	.1							398	398	46	1
76/ 75	.0	.4	2.8	1.2	1.4	.6	.5	.2	.1	.1								520	520	269	18
74/ 73	.1	2.6	2.8	1.6	.8	.5	.3	.1	.2	.1								620	620	652	98
72/ 71	.3	4.1	2.5	1.3	.6	.3	.2	.2	.1	.0	.0							698	698	866	625
70/ 69	1.1	4.8	2.6	.9	.6	.2	.2	.2	.1									787	787	932	962
68/ 67	1.1	3.7	2.0	1.1	.4	.3	.2	.1	.0	.0								643	643	1004	919
66/ 65	1.1	3.0	1.6	.8	.3	.2	.1	.0										516	516	751	856
64/ 63	.8	2.4	1.1	.5	.2	.1	.1											365	365	657	707
62/ 61	.5	2.3	.9	.6	.2	.1	.0											340	340	464	568
60/ 59	.2	2.2	.9	.4	.2	.0												286	286	375	562
58/ 57	.8	1.5	.7	.3	.1	.0												248	248	392	553
56/ 55	.3	1.2	.4	.3	.	.0												160	160	301	374
54/ 53	.1	.6	.3	.2														87	87	195	237
52/ 51	.1	.5	.3															66	66	104	208
50/ 49	.1	.5	.2															53	53	103	156
48/ 47		.2																16	16	62	124
46/ 45	.0	.1																2	2	10	106
44/ 43	.0	.0																3	3	4	83
42/ 41																				1	23
40/ 39																					14
38/ 37																					4
36/ 35																					2
TOTAL	6.7	30.3	19.8	12.6	9.2	7.0	5.7	4.0	2.5	.9	.4	.3	.1					7199	7199		7199
																		7199		7199	

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.	458007 61	559193	77.7	16.521	7199							
Dry Bulb	36516079	508921	70.7	18.652	7199			505.3	292.8	118.3	1.7	720
Wet Bulb	31293707	472307	65.6	16.530	7199			377.2	96.9			720
Dew Point	28638828	451178	62.7	17.096	7199			262.3	11.7			720

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72726 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | OCT MONTH

PAGE 1 | 0600-0200 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
78/ 77		.1	.1															2	2		
76/ 75																				2	2
74/ 73		.1																1	1		2
72/ 71		.4	.2			.2												8	8	2	1
70/ 69		.6	.3	.2	.1	.3												15	15	6	3
68/ 67	.3	1.4	1.2	.2	.1	.4												34	34	11	12
66/ 65	.9	1.1	1.1	.5	.3	.1												37	37	26	21
64/ 63	.5	3.6	.8	.2	.1													50	50	32	24
62/ 61	1.3	2.7	.6															40	40	55	39
60/ 59	1.6	3.1	1.2	.8														62	62	54	59
58/ 57	1.8	5.5	1.5	.5														97	67	72	54
56/ 55	1.5	4.5	2.0	.2	.2	.3												82	82	75	62
54/ 53	1.4	2.3	2.4	1.2	.4	.1												70	70	75	56
52/ 51	.4	3.1	2.5	1.1	.2													65	68	45	48
50/ 49	.6	3.8	3.3	1.0	.2													83	83	67	72
48/ 47	.6	3.8	2.3	.6	.2													70	70	74	63
46/ 45	.2	3.8	1.7	.5														58	58	92	58
44/ 43	.1	3.2	1.8	.9														54	54	61	6
42/ 41		2.7	1.9	.3														46	46	53	71
40/ 39	.1	1.6	1.9	.2														36	36	48	45
38/ 37	.2	1.0	1.0	.1														21	21	44	43
36/ 35		.2	.1															3	3	21	51
34/ 33																				2	9
32/ 31		.3																3	3		32
30/ 29																				1	11
28/ 27																					1
26/ 25																					4
TOTAL	11.4	48.8	28.2	8.4	1.9	1.5													231		93
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	6769685	78655	84.6	11.242	930							
Dry Bulb	2690826	49410	53.1	8.410	930		.3	6.0	.3			93
Wet Bulb	2461220	47172	50.7	8.589	930		.3	2.0	.2			93
Dew Point	2272084	45079	48.5	9.705	930		5.2	1.8	.2			93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION MCGHEE TYSON AIRPORT TN [redacted] YEARS OCT MONTH

PAGE 1 HOURS (L. S. T.) 0300-0500

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
[redacted]						•												1	1		
[redacted]		• 3																3	3	2	
[redacted]	• 1	•	•	•		•												15	15	7	5
[redacted]	• 3	1 •	• 4	• 2	• 3													21	21	7	11
[redacted]	• 4	2 •	• 5	• 4														30	30	17	11
[redacted]	• 4	1 •	• 1	• 3														21	21	30	19
[redacted]	1 •	2 •	• 1															40	40	33	35
[redacted]	1 •	2 •	• 6	• 1														51	51	51	46
[redacted]	2 •	4 •	1 •	• 1	• 1													77	77	66	55
[redacted]	2 •	8 •	1 •		• 1													77	77	63	72
[redacted]	1 •	4 •	1 •	• 1	• 1													70	70	79	64
[redacted]	• 8	2 •	1 •	• 2														45	45	46	52
[redacted]	• 6	3 •	1 •	• 9	• 1													60	60	53	45
[redacted]	• 9	4 •	2 •	• 6	• 1													78	78	62	53
[redacted]	1 •	7 •	1 •	• 1														89	89	72	66
[redacted]	• 5	5 •	1 •	• 3														60	60	99	63
[redacted]	• 3	3 •	1 •															52	52	74	81
[redacted]	1 •	2 •	1 •															40	40	86	67
[redacted]	• 7	3 •	1 •	• 1														48	48	48	46
[redacted]	• 3	1 •	• 4															21	21	80	51
[redacted]	• 1	• 6																7	7	27	28
[redacted]		• 1																1	1	4	38
[redacted]		• 3																3	3	2	16
[redacted]																				2	8
[redacted]																					6
TOTAL	16 • 5	59 • 1	18 • 8	8 • 8	1 • 2	• 2													930		930
																		930		930	

Element (X)	Σx^2	$\bar{x}$	$\bar{X}$	σ_x	No. Obs.	Hours No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	73[redacted]	81908	88 • 1	8 • 729	93[redacted]							
Dry Bulb	2463422	47166	50 • 7	8 • 763	930		• 8	8 • 0	• 1			93
Wet Bulb	2300073	45515	48 • 9	8 • 836	930		• 8	1 • 4				93
Dew Point	2142891	43861	47 • 2	8 • 663	930		4 • 0	1 • 4				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

72326 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71		.3																3	3	1	
70/ 69		.9	.3			.7												14	14	4	3
68/ 67	.3	.9	.2															13	13	10	9
66/ 65		1.5	.6															20	20	11	7
64/ 63	.5	1.4		.3														21	21	26	20
62/ 61	1.1	2.8	1.3															45	45	27	36
60/ 59	1.6	3.0	.5															48	48	51	36
58/ 57	2.5	4.9	.9	.1														78	78	71	61
56/ 55	2.7	2.6	1.5	.1	.1	.1												66	66	69	71
54/ 53	2.1	3.4	1.4	.1														65	65	57	57
52/ 51	.5	3.9	1.3															53	53	53	51
50/ 49	.8	2.5	1.8															47	47	49	42
48/ 47	1.2	4.1	1.3	1.1														70	70	51	51
46/ 45	1.4	7.4	1.5	.2														98	98	73	46
44/ 43	1.1	7.8	1.5															96	96	104	75
42/ 41	.6	4.9	1.1	.1														63	63	90	92
40/ 39	1.0	2.2	1.3															41	41	61	66
38/ 37	.4	2.6	.5															33	33	43	39
36/ 35	.4	3.1	.5															38	38	39	46
34/ 33	.1	.8	.1															9	9	27	48
32/ 31	.2	.5																7	7	10	23
30/ 29		.2																2	2	5	19
28/ 27																				2	5
26/ 25																					7
TOTAL	18.4	61.7	17.4	1.9	.1	.4												930	930		930
																				930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	74371?5	82763	89.3	8.795	930							
Dry Bulb	2382176	46360	49.8	8.752	930		.9	3.0				93
Wet Bulb	2238496	44880	48.3	8.845	930		1.7	1.5				93
Dew Point	2114084	43434	46.7	9.598	930		5.8	1.2				93

USAFETAC FORM AM 64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
82/ 81								.1											1	1		
80/ 79						.1													1	1		
78/ 77			.2	.1	.2														5	5		
76/ 75			.3	.2	.4	.1	.2												12	12		
74/ 73			.2	.3	.2	.1													12	12	2	1
72/ 71		.2	.8	.4	.6	.5	.2												27	27	6	2
70/ 69		.4	1.5	.6	.5	.3	.1	.1											37	37	11	3
68/ 67		.9	1.4	1.3	.6	.6			.1										46	46	26	16
66/ 65	.2	1.9	1.3	1.3	.6	.6													56	56	37	27
64/ 63	.4	1.7	1.8	1.1	.9	.5	.3	.3											66	66	53	39
62/ 61		2.4	.9	2.3	1.1	1.0	.3												73	73	51	26
60/ 59	.9	2.5	1.4	2.3	1.2	1.0	.2												87	87	68	41
58/ 57	1.3	2.8	1.5	2.4	1.0	.8		.1											91	91	81	72
56/ 55	.4	1.8	1.9	1.9	1.6	.8	.3												82	82	69	54
54/ 53	.4	1.5	2.6	1.8	1.2	.8	.1												78	78	76	58
52/ 51	.1	1.7	2.3	1.9	.6	.3	.1												66	66	73	55
50/ 49	.1	1.5	1.6	1.1	.6	.3													49	49	88	65
48/ 47	.1	2.7	1.8	1.2	.3	.2													59	59	75	61
46/ 45		1.9	1.1	.8															35	35	69	68
44/ 43		1.1	1.3	.3	.2														27	27	60	62
42/ 41		.4	.6	.3															13	13	43	72
40/ 39		.2	.1	.1															4	4	24	53
38/ 37			.2																2	2	13	44
36/ 35		.1																	1	1	3	29
34/ 33																					2	24
32/ 31																						17
30/ 29																						9
28/ 27																						9
26/ 25																						1
TOTAL	4.3	25.8	25.2	22.2	12.2	8.1	1.9	.6	.1										930	930		930
																			930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5362898	69286	78.5	18.710	930							
Dry Bulb	3154590	53634	57.7	8.138	930			18.1	3.1	.1		93
Wet Bulb	2690770	49472	53.2	7.978	930			4.5	.2			93
Dew Point	2338029	45727	49.2	9.608	930		3.6	2.2	.1			93

FORM AUL 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

72326 — STATION
MCGHEE TYSON AIRPORT TN — STATION NAME
73-82 — 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									.2									2	2		
84/ 83							.5		.1									6	6		
82/ 81				.1	.1	.4	.5	.5	.1									15	15		
80/ 79			.1		.5	.8	1.3	.5	.4	.2								34	34		
78/ 77			.1	.2	.6	1.8	1.4	.6	.3	.2								50	50		
76/ 75				.5	1.0	1.4	1.6	1.3	.3	.3								60	60	3	
74/ 73			.3	.2	1.2	1.6	.8	1.1	.9	.1	.1							56	56	3	3
72/ 71			.2	1.1	.8	1.8	1.8	1.0	.5	.4	.2							73	73	20	1
70/ 69	.1		.9	.6	1.2	2.3	1.2	1.2	1.0	.3								86	86	21	2
68/ 67	.1	.8	.4	.8	1.3	2.2	2.3	1.0	.8	.3								91	91	54	22
66/ 65	.2	.8	.6	.5	1.3	1.0	1.6	1.6	.5									76	76	7	31
64/ 63		1.0	.4	.2	1.5	1.4	1.1	.3	.1	.1								61	61	60	43
62/ 61	.2	1.2	.2	.5	.5	1.2	2.0	1.2	.2									68	68	81	52
60/ 59	1.0	.9	.3	.5	.6	1.6	.9	.5	.1									60	60	102	62
58/ 57		.4	.1	.4	.6	1.5	1.3	.4										45	45	69	54
56/ 55		.6	.2	1.0	.3	1.6	1.2	.2										52	52	68	52
54/ 53			.4	.4	.8	1.3	.2	.1										30	30	94	61
52/ 51	.1	.2	.3	.1	1.2	.2	.2											22	22	52	64
50/ 49	.1	.2	.5	.3	.3		.1											15	15	69	47
48/ 47		1.0	.9	.1	.2													20	20	48	39
46/ 45		.4		.4														8	8	68	60
44/ 43																				39	56
42/ 41																				11	61
40/ 39																				6	37
38/ 37																					50
36/ 35																					47
34/ 33																					26
32/ 31																					32
30/ 29																					12
28/ 27																					4
26/ 25																					8
24/ 23																					3
22/ 21																					1

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72[illegible] MCGHEE TYSON AIRPORT TN 77-82 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 12 Sep 1983
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.[illegible]	7.4	6.	8.2	14.[illegible]	22.[illegible]	19.[illegible]	17.[illegible]	5.6	[illegible].[illegible]	.[illegible]							930	[illegible]30	930	[illegible]30

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	3269786	52780	56.8	7.188	930							
Dry Bulb	4109072	61310	65.9	8.507	930			87.3	22.3	3.5		93
Wet Bulb	3053250	52790	56.8	7.813	930			10.7	.6			93
Dew Point	2388688	45688	49.1	10.608	930		6.0	2.8	.3			93

USAFETAC FORM 0-26-5 (OL A) 84 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FLORAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326? STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | OCT 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				
86/ 85									.?									2	2		
84/ 83				.2		.1	.4		.1	.1								9	9		
82/ 81				.1	.1	.3	1.3	.3	.5	.1								26	26		
80/ 79				.1	.1	1.5	1.1	1.5	.8	.2	.1							51	51		
78/ 77				.2	.2	1.0	1.9	1.4	1.1	1.1	.2	.2						68	68	2	
76/ 75				.3	1.0	1.3	1.8	2.4	1.2	.8		.2	.1					84	84	1	
74/ 73			.1	.3	.2	.6	1.6	1.7	1.4	.7	.4	.1						63	63	3	3
72/ 71			.3	.6	.1	1.1	2.3	1.1	1.1	.5	.5	.3						79	79	23	
70/ 69	.3	.3	.3	.5	1.1	1.1	1.3	2.1	1.4	1.1	.2							98	88	27	6
68/ 67	.1	.6	.8	.3	.5	1.1	1.5	1.0	1.4	.4								61	61	63	21
66/ 65	.2	.5	.5	.6	.8	.3	1.1	.8	.3	.2								50	50	58	36
64/ 63	.1	1.6	.4	.3	.8	1.3	1.1	1.1	.5	.3								74	74	86	28
62/ 61	.3	1.3		.1	.3	.4	1.5	1.1	.4									52	52	91	51
60/ 59	.6	1.2	.2	.5	.3	1.2	1.	1.2	.5									63	63	90	62
58/ 57	.1	.3	.1	.2	.8	.9	2.1	.5	.1									47	47	73	55
56/ 55		.1	.1	.3	.4	1.3	.4											25	25	61	56
54/ 53	.3	.3		.1	.5	1.1												21	21	78	49
52/ 51		.3	.1	.1	.3	.4	.2											14	14	67	68
50/ 49		.5	.2	.3	.3	.1												14	14	59	40
48/ 47		1.0	.9			.1												18	18	40	47
46/ 45																				77	49
44/ 43																				21	47
42/ 41																				5	57
40/ 39																				4	42
38/ 37																					50
36/ 35																					37
34/ 33																					34
32/ 31																					41
30/ 29																					17
28/ 27																					12
26/ 25																					7
24/ 23																					6
22/ 21																					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	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | OCT MONTH

PAGE 2 ~~1570~~ ~~17-3~~ 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	3.2	7.9	4.1	5.5	7.8	15.1	12.6	18.5	11.1	5.0	1.5	.5	.1					929		929
																	929		929	

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.	2920200	890848	52.8	18.888	929							
Dry Bulb	8339094	63708	67.8	8.847	929			55.2	30.3	6.2		93
Wet Bulb	3105052	53238	57.3	7.639	929			11.9	.6			93
Dew Point	2298738	45050	48.5	11.090	929		8.5	3.0	.3			93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72706 — STATION
MCGHEE TYSON AIRPORT TN — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1 — HOURS (L. S. T.) 1200-2100

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
97/ 93									.1									1	1		
92/ 91				.2														2	2		
87/ 79				.1	.1	.1	.1	.1										5	5		
79/ 77					.2	.3	.1				.1							6	6		
82/ 75			.1	.4	.6	.4	.5	.3	.1	.1								26	26	3	
74/ 73		.1	.4	.9	.3	1.0	.2	.4	.2									33	33		3
77/ 71		.3	.9	1.3	1.0	1.1	1.2	.6	.1									61	61	5	
71/ 69	.1	.4	1.0	1.1	1.2	2.0	.5	.3	.2		.2							74	74	21	4
69/ 67	.4	.8	.9	1.1	.7	1.5	1.3	.3	.2	.1								69	69	42	23
66/ 65	.2	1.0	1.5	1.7	1.4	1.2	1.2	.3	.1	.1								98	98	43	36
64/ 63	.2	1.2	1.1	2.0	1.3	.8	.9	.5	.4									78	78	55	30
62/ 61	.6	1.1	1.3	1.0	1.4	1.4	.6	.4	.4									86	86	75	43
60/ 59	.2	2.1	1.2	.9	1.5	1.5	.5	.3	.1									75	75	93	50
58/ 57	.4	1.1	.8	.8	1.7	1.3	.8	.2										64	64	67	67
56/ 55	.1	.6	1.1	1.1	2.4	1.5	.2											65	65	79	55
54/ 53	.3	.4	.9	1.2	1.1	1.2	.6											52	52	80	62
52/ 51		.4	.6	1.2	1.6	1.2	.1											46	46	65	67
50/ 49		.2	1.3	.8	1.6	.5												41	41	69	50
48/ 47		.6	.8	1.2	.5													27	27	63	45
46/ 45		.9		.8	.5	.1												21	21	67	44
44/ 43		.1	.1		.3													5	5	51	62
42/ 41			.2	.1	.1													3	3	33	64
40/ 39																				17	42
38/ 37																				6	43
36/ 35																				3	39
34/ 33																				1	38
32/ 31																					2
30/ 29																					15
28/ 27																					14
26/ 25																					4
24/ 23																					2
22/ 21																					2
TOTAL	2.8	11.2	14.3	18.3	19.8	18.1	8.9	4.3	2.0	.1	.3							930	927	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4167915	60147	64.7	17.297	930							
Dry Bulb	3590827	57341	61.6	8.356	930			27.7	7.3	.6		93
Wet Bulb	2851558	50958	54.8	7.995	930			7.1	.3			93
Dew Point	2315458	45328	48.7	10.691	930		6.3	3.0	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 STATION — MCGHEE TYSON AIRPORT TN STATION NAME — 73-81 YEARS — OCT MONTH

PAGE 1 — 21:0-23:0 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
82/ 81				.1														1	1		
80/ 79				.2														2	2		
78/ 75					.1		.1											2	2	3	
76/ 73						.1	.1											2	2		3
74/ 71		.5	.4			.3	.3											15	15		
72/ 69		.4	1.2	.1	.4	.2												10	23	8	3
70/ 67	.6	1.4	1.9	1.5	.6	.5												22	62	19	16
68/ 65	.2	2.0	2.3	1.1	.3	.4												58	58	32	26
66/ 63	.3	1.8	1.8	.8	.6													50	50	45	32
64/ 61	.9	2.5	2.2	1.1	.6	.1												66	68	69	52
62/ 59	.7	3.5	3.3	1.3	1.1	.1												87	87	66	51
60/ 57	.9	2.2	3.2	1.1	1.1	.5	.4											67	67	78	69
58/ 55	.9	2.3	2.9	1.7	1.1	.4	.1											87	87	83	74
56/ 53	.8	2.8	2.6	2.3	.6	.4												68	68	80	60
54/ 51		1.6	2.2	1.6	1.1	.1												60	60	62	79
52/ 49	.2	.8	2.2	1.3	.5	.1												46	46	70	64
50/ 47		2.6	2.4	2.5	.2													71	71	64	39
48/ 45		2.2	1.5	2.1	.1													54	54	78	58
46/ 43		.5	2.2	.9	.2													35	35	62	56
44/ 41		.5	1.2	.6														22	22	46	61
42/ 39		.3	.4	.1														8	8	41	47
40/ 37			.2	.1														3	3	22	38
38/ 35			.2															2	2	9	51
36/ 33																					29
34/ 31																				5	24
32/ 29																					6
30/ 27																					7
28/ 25																					2
26/ 24																					1
TOTAL	5.1	28.0	33.3	13.1	9.0	3.4	1.1												930		930
																		930		930	

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.	5757181	72133	77.6	13.219	930							
Dry Bulb	2991220	52222	56.2	7.957	930			10.4	.7	.3		93
Wet Bulb	2616422	48736	52.4	8.199	930		.3	3.0	.3			93
Dew Point	2318036	45526	49.0	9.811	930		4.2	2.2	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-6? YEARS | OCT MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85									.1									4	4		
84/ 83					.0		.0	.1	.0	.0								16	16		
82/ 81				.1	.1	.2	.2	.2	.1	.1								45	45		
80/ 79			.0	.1	.1	.3	.3	.3	.1	.1	.0							93	93		
78/ 77		.0	.1	.1	.1	.4	.4	.3	.2	.2	.1	.0						131	131	2	
76/ 75			.1	.2	.4	.4	.5	.3	.2	.1		.1	.0					184	184	12	
74/ 73		.0	.1	.3	.2	.4	.3	.4	.3	.2	.1	.0						168	168	8	1
72/ 71		.3	.3	.4	.2	.3	.3	.4	.2	.1	.1	.0						269	269	56	4
70/ 69	.1	.5	.8	.4	.6	.8	.4	.5	.3	.2	.1							349	349	115	29
68/ 67	.3	1.0	.9	.7	.6	.8	.6	.4	.3	.1								417	417	228	130
66/ 65	.3	1.3	1.0	.8	.6	.6	.5	.3	.1									415	415	294	195
64/ 63	.3	1.7	.8	.7	.6	.5	.4	.4	.1	.1								421	421	397	235
62/ 61	.6	2.0	.8	.7	.5	.5	.6	.4	.1									472	472	496	316
60/ 59	1.0	2.4	1.0	.8	.6	.7	.3	.3	.1									533	533	566	427
58/ 57	1.2	2.6	1.2	.7	.7	.6	.6	.3	.1									576	576	599	487
56/ 55	1.0	2.2	1.4	.8	.8	.8	.3	.1										536	536	567	516
54/ 53	.9	1.8	1.4	.9	.5	.5	.1											474	474	589	467
52/ 51	.2	1.7	1.3	.8	.6	.3	.1											376	376	463	464
50/ 49	.3	1.6	1.5	.7	.5	.1	.0											355	355	524	431
48/ 47	.3	2.5	1.5	.9	.2	.0												413	413	476	398
46/ 45	.3	2.9	.9	.6	.1	.0												363	363	592	441
44/ 43	.2	2.3	1.1	.3	.1													297	297	493	481
42/ 41	.1	1.5	.8	.2	.0													199	199	353	559
40/ 39	.3	.8	.6	.1														129	129	242	422
38/ 37	.1	.9	.4	.0														107	107	173	353
36/ 35	.1	.6	.2															65	65	115	351
34/ 33	.0	.2	.0															16	16	66	246
32/ 31	.0	.1																11	11	17	226
30/ 29		.1																5	5	12	110
28/ 27																				4	61
26/ 25																					29
24/ 23																					12
22/ 21																					6

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72726 MCGHEE TYSON AIRPORT TN 73-82 [illegible]
STATION STATION NAME YEARS MONTH

BASED ON [illegible] 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	7.6	31.2	18.4	11.1	5.[illegible]	3.6	6.5	4.4	2.4	.9	.7	.1	.0							7439		7439
																				7436		7434

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	42986498	596716	73.5	19.425	7439		1.6	167.6	64.1	10.7		744
Dry Bulb	25721[illegible]7	430867	57.9	18.491	7439		1.6	167.6	64.1	10.7		744
Wet Bulb	21316841	392761	52.8	8.831	7439		3.1	42.3	2.2			744
Dew Point	18159960	359728	48.4	10.181	7439		85.2	17.8	1.5			744

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | [illegible] YEARS | NOV MONTH

PAGE [illegible] | [illegible] 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] / 71							•1											1	1		
[illegible] / 69			•2			•6												7	7		
[illegible] / 67		•1	•3	•1		•2												7	7		
[illegible] / 65	•1	•0		•4	•3													16	16	6	4
[illegible] / 63		•6	•4	•3	•2	•1	•3											27	23	12	6
[illegible] / 61	•3	1•0	1•1		•2	•1												20	20	14	13
[illegible] / 59	•7	2•6	1•2															40	40	27	20
[illegible] / 57	1•2	2•1	1•2	•3	•1		•1											45	45	31	39
[illegible] / 55	•9	3•2	1•2	•4	•1	•2	•1											52	52	55	44
[illegible] / 53	•8	2•7	•9	•7	•2		•3											46	48	33	42
[illegible] / 51	•8	2•8	2•3	•3	•1													57	57	48	44
[illegible] / 49	•3	•7	2•7	1•3		•2												47	47	35	41
[illegible] / 47	•4	3•2	1•7	1•1	•2													58	58	41	39
[illegible] / 45	•4	3•2	1•9	•9	•2													65	65	70	24
[illegible] / 43	•2	1•3	2•6	•7	•1													44	44	58	61
[illegible] / 41		2•4	3•1	1•1	•1													56	56	45	43
[illegible] / 39	•6	2•9	2•9	•8	•2													67	67	43	42
[illegible] / 37	•2	4•2	2•6	•9	•1													72	72	62	45
[illegible] / 35	•1	3•2	3•3	•7	•1													65	65	75	63
[illegible] / 33	•2	1•3	1•6	•3														31	31	63	66
[illegible] / 31		2•2	1•1	•1														31	31	42	56
[illegible] / 29	•2	1•4	•6															20	20	43	39
[illegible] / 27	•2	•4	•4															10	10	21	45
[illegible] / 25		•4																4	4	4	38
[illegible] / 23		•1																1	1	3	32
[illegible] / 21																				1	21
[illegible] / 19		•1																1	1		19
[illegible] / 17		•2																2	2	3	6
[illegible] / 15																					6
[illegible] / 13																					3
[illegible] / 11																					3
TOTAL	7•6	43•4	33•1	10•4	3•2	1•4	1•2											900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5817851	71371	79.3	13.259	900							
Dry Bulb	2257[illegible]8	41714	46.3	10.133	900		6.9	1.5				9[illegible]
Wet Bulb	1795421	39165	43.5	10.066	900		12.9					90
Dew Point	1562506	36002	40.0	11.666	900		26.3					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72325 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | [illegible] YEARS | NOV MONTH

PAGE 1 | ~~2300-0500~~ 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]/ 69			.2			.2												4	4		
[illegible]/ 67			.6	.7	.2	.4												17	17		
[illegible]/ 65		.3	.2		.4													0	0	6	1
[illegible]/ 63		1.2	.2		.2		.1											22	22	10	8
[illegible]/ 61	.3	.7	.2	.4	.2													17	17	20	11
[illegible]/ 59	.3	1.6	.9	.3														26	28	25	19
[illegible]/ 57	1.1	1.9	.3	.2														31	31	31	31
[illegible]/ 55	.6	3.1	.9	.4	.1	.3	.1											49	49	43	37
[illegible]/ 53	1.3	7.5	.2	.4	.2		.1											44	44	43	52
[illegible]/ 51	.5	3.4	.6	.3	.1													47	47	41	45
[illegible]/ 49	.3	2.8	2.1	.3		.3												58	58	44	46
[illegible]/ 47	.1	3.9	.2	.7														50	50	39	31
[illegible]/ 45	.3	4.1	1.9	.3	.2													61	61	73	38
[illegible]/ 43	.2	2.6	1.6	.3	.1													43	43	46	46
[illegible]/ 41	.2	2.6	2.3	.2														47	47	44	43
[illegible]/ 39	.3	3.7	2.7	.1														61	61	50	41
[illegible]/ 37	.4	5.6	2.1	.4														77	77	61	55
[illegible]/ 35	.2	3.9	1.9	.7														60	60	77	53
[illegible]/ 33	.1	4.1	2.2	.1	.1													60	63	58	63
[illegible]/ 31	.1	3.9	1.3	.3														55	55	64	64
[illegible]/ 29	.1	1.4	.9															22	22	57	67
[illegible]/ 27	.4	1.8	.1															21	21	26	48
[illegible]/ 25	.6	.7																11	11	31	34
[illegible]/ 23																				4	35
[illegible]/ 21		.3																3	3	3	21
[illegible]/ 19																					11
[illegible]/ 17		.3																3	3	1	12
[illegible]/ 15																				2	4
[illegible]/ 13																					5
[illegible]/ 11																					1
TOTAL	9.4	56.3	25.1	6.4	2.[illegible]	1.3	.[illegible]											900		900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	62236[illegible]1	74[illegible]77	62.3	11.862	900							
Dry Bulb	1880274	40036	44.5	[illegible].51[illegible]	900		11.5	2.1				90
Wet Bulb	1694320	37938	42.2	[illegible].284	900		18.7					90
Dew Point	1[illegible]04016	35308	39.2	11.498	900		29.5					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] MCGHEE TYSON AIRPORT TN 73-80 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 [illegible]
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]				.1														1	1		
[illegible]			.2	.1														3	3		
68/ 67			.2	.2	.7													11	11		
[illegible]		.3	.6	.2	.1													11	11	6	
[illegible]		.6	.6	.3														13	13	9	6
[illegible]	.3	1.2	.3	.2	.1													20	20	14	13
[illegible]	.1	.7	.8	.6			.1											20	20	28	14
58/ 57	1.3	1.9	.4															33	33	30	35
56/ 55	.4	1.9	.9	.1	.1	.3												34	34	25	23
[illegible]	2.1	1.7	.6	.3	.2													43	43	45	41
[illegible]	.9	3.3	.8	.3														48	48	33	32
[illegible]	.4	3.3	2.4	.2														58	58	41	47
48/ 47	.1	4.1	.4	.6	.1													48	48	50	28
46/ 45	.8	4.2	.7	.8	.2													60	60	74	45
[illegible]	.2	1.8	1.8	.8	.1	.1												43	43	38	49
[illegible]	.3	3.6	2.3	.3	.1													60	60	39	43
[illegible]	.8	3.9	2.1		.1													61	61	59	37
[illegible]	.4	5.2	.7	.8	.2													64	64	66	44
36/ 35	.3	4.4	1.8	.7														55	65	71	71
34/ 33	.1	3.7	1.3															46	46	54	54
[illegible]	.4	5.4	1.6															67	67	67	74
[illegible]	.8	2.0	.7															31	31	59	51
28/ 27	.6	3.2	.6															39	39	43	53
26/ 25	.4	.8	.1															12	12	31	43
[illegible]	.1	.1																2	2	9	29
[illegible]		.1																1	1	3	31
[illegible]	.1	.2																3	3	3	18
18/ 17		.1																1	1		5
16/ 15	.2																	2	2	3	7
14/ 13																					7
TOTAL	11.3	57.6	21.8	6.7	2.1	.4	.1											900	[illegible]		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6353810	74946	83.3	11.202	900							
Dry Bulb	1793523	39031	43.4	10.591	900		15.8	1.5				90
Wet Bulb	1625866	37102	41.2	10.353	900		21.8					90
Dew Point	1449762	34620	38.5	11.459	900		31.8					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | NOV 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				
74/ 73					.1	.2	.2											5	5		
72/ 71			.1	.1	.2	.2												6	6		
70/ 69		.2	.3	.3	.5	.2												15	15		
68/ 67		.3	.3	.6	.4	.2												17	17	6	1
66/ 65		.9	.4	.6	.7		.1											21	21	7	2
64/ 63	.3	.7	.6	.9	.1	.2												25	25	28	18
62/ 61	.4	1.6	.4	1.2	.6	.2	.3											43	43	26	16
60/ 59	.3	1.7	.9	.4	.7	.3												39	39	36	17
58/ 57	.8	1.2	1.2	1.1	.7	.2												47	47	37	39
56/ 55	.2	2.3	.9	1.1	1.3	.3												55	55	30	.3
54/ 53	.7	1.6	.9	1.2	1.6	.4	.1											58	58	55	35
52/ 51	.4	1.2	2.4	.7	1.3	.2		.1										58	58	46	43
50/ 49	.1	1.6	2.8	1.6	1.1	.2												65	65	48	29
48/ 47	.1	2.2	3.3	2.4	.7	.3	.2											84	84	65	37
46/ 45	.4	1.7	2.2	1.8	.8													62	62	70	54
44/ 43		1.4	2.8	2.3	.4	.3												66	66	74	48
42/ 41	.1	2.1	2.4	2.2	.2													64	64	76	55
40/ 39	.4	1.0	2.6	.6	.1													42	42	58	64
38/ 37		1.3	1.8	.8	.3													38	38	66	70
36/ 35		1.3	1.9	.4														33	33	54	54
34/ 33	.1	.9	1.6	.4														27	27	45	41
32/ 31		.8	.4	.1														13	13	29	31
30/ 29	.1	.3	.4															8	8	23	49
28/ 27		.2	.3															5	5	11	35
26/ 25		.2	.1															3	3	6	30
24/ 23																				4	16
22/ 21		.1																1	1	1	13
20/ 19																				1	13
18/ 17		.1																1	1	1	5
16/ 15																					3
14/ 13																					6
12/ 11																					1
10/ 9																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

72326 MCGHEE TYSON AIRPORT TN 73-82 NOV
STATION STATION NAME YEARS MONTH

PAGE 2 1910-11-2
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	4.	27.	31.	22.	9.	1.												900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5057852	66190	73.5	14.536	900							
Dry Bulb	2270668	44328	49.3	9.858	900		3.2	9.3	.5			90
Wet Bulb	1928252	40754	45.3	9.598	900		7.5	.5				90
Dew Point	1607673	36645	40.7	11.340	900		28.3	.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 77-81 YEARS | NOV MONTH

PAGE 1 | 12(4pt 18-C HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79					.1			.7	.1									8	8		
78/ 77						.1	.1	.7										8	8		
76/ 75					.2	.2	.7	.1		.1								12	12		
74/ 73				.1	.2	.2	.7	.4	.1	.1								17	17	1	
72/ 71			.4	.9	1.1	.7	.7	.4	.1	.2								41	41		
70/ 69		.2	.3	.4	.8	1.1	.7	.3	.6									43	43	2	1
68/ 67		.7	.9	.6	.7	1.2	.9	.4	.3									49	49	12	2
66/ 65		.7	.4	.4	.8	.7	.9	1.4	.3									52	52	36	13
64/ 63		.9	.8	.3	.7	.4	1.2	.8										47	47	41	11
62/ 61		1.1	.2	.3	1.1	1.3	.9	.8										52	52	45	29
60/ 59		.7	.2	1.1	1.4	1.3	1.0	.7	.1									67	67	40	34
58/ 57	.3	.4	.6	.7	.4	1.6	1.1	.4	.2									52	52	44	35
56/ 55	.1	1.3	.7	.9	1.2	2.4	1.4	.8	.1									79	79	34	26
54/ 53	.3	.7	.9	.8	1.2	1.4	.6	.4										58	58	67	35
52/ 51	.4	.7	1.4	.6	1.1	1.7	1.2	.2										66	66	75	25
50/ 49	.2	.8	.7	.8	2.2	1.1	.4											56	56	63	37
48/ 47	.3	.7	.3	.4	1.6	.8	.3											40	40	70	55
46/ 45	.1	.3	.7	1.2	.3	.3	.1											3	33	64	29
44/ 43	.1	.7	1.1	1.1	1.1	.2												39	39	66	54
42/ 41		.7	.7	.9	1.2	.3												32	32	55	46
40/ 39		.2	.2	.4	.4	.1												13	13	66	59
38/ 37		.6	.7	.6	.1													19	19	37	44
36/ 35			.1	.2														3	3	24	57
34/ 33			.2	.3														5	5	13	44
32/ 31			.2	.2														4	4	13	65
30/ 29			.3	.1														4	4	7	42
28/ 27		.1		.1														2	2	3	24
26/ 25		.1																1	1	7	36
24/ 23																				2	16
22/ 21																					22
20/ 19																					18
18/ 17																					10
16/ 15																					3
14/ 13																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] MCGHEE TYSON AIRPORT TN 73-8 NOV
STATION STATION NAME YEARS MONTH

PAGE [illegible] 1[illegible]-14 [illegible]
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]																					[illegible]
[illegible]																					[illegible]
TOTAL	2.	11.	[illegible]2.	5	13.	6	[illegible]8.	5	[illegible]7.	1	4.	1	8.	1	2.	0	.4	899	[illegible]99	899	899

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3422861	52921	58.9	18.5	899							
Dry Bulb	2976598	50898	56.6	[illegible]0.2	899		1.1	17.5	4.2	.4		9[illegible]
Wet Bulb	2251895	44179	49.1	9.4	899		3.2	1.5	.1			9[illegible]
Dew Point	1664770	37056	41.2	12.3	899		24.7	.3				9[illegible]

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7326 — STATION
MCGHEE TYSON AIRPORT TN — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1 — HOURS (L. S. T.) 15 Gr 17 Go

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/ 81								•										2	2		
78/ 79							.1		.1	.3	.3	.1							9	9		
76/ 77					.2		.1	.1		.2									6	6		
74/ 75						.4	.3	.4		.1	.1								13	13		
72/ 73					.1	.2	.1	1.1	.8	.1	.4	.1							25	25		
70/ 71			1.0	.7	.9	1.1	1.4	.6	.4	.3									56	56	5	
68/ 69		.1	1.0	.6	1.0	.7	.9	1.0	.8	.4									68	68		2
66/ 67		.2	.9	.4	.2	1.1	.4	1.1	.6	.1									46	46	18	
64/ 65		.9	.3	.6	.4	.6	.4	2.0	1.1										59	59	29	12
62/ 63	.1	.4	.2	.4	.2	.4	.9	1.4	1.0										47	47	48	13
60/ 61	.2	.6		.1	.3	1.7	1.2	1.7	.1										58	58	59	31
58/ 59	.1	1.1	.3	.4	.2	1.2	.6	1.4	.3										56	56	37	26
56/ 57	.2	1.8	.3	.7	1.1	.4	1.6	1.4	.3										71	71	46	42
54/ 55	.3	1.3	.7	.8	.1	1.4	1.3	.8	.1										63	63	51	46
52/ 53	.3	.6	.7	.3	.6	1.2	1.0	1.1	.1										53	53	72	31
50/ 51		.9	1.2	.3	.2	2.2	1.1	.4											58	58	72	47
48/ 49		.4	.1	.9	1.2	1.1	.3												41	41	65	27
46/ 47	.1	.7	.1	.3	1.3	1.1	.4												37	37	51	41
44/ 45	.1	.9	.4	.6	1.1	.8	.1												36	36	63	40
42/ 43	.3	.4	.4	1.2	.6	.3	.3												31	31	64	41
40/ 41	.1	.4	.2	.2	.6	.3													17	17	61	42
38/ 39		.1	.4	.7	.1														12	12	54	52
36/ 37		.9	.3	.6	.1														17	17	35	39
34/ 35		.2																	2	2	29	40
32/ 33		.1	.1	.2															4	4	17	45
30/ 31		.1	.1	.7															9	8	13	62
28/ 29			.2																2	2	1	32
26/ 27			.1																1	1	6	32
24/ 25																					6	32
22/ 23																						23
20/ 21																						23
18/ 19																						29
16/ 15																						5

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

2

PSYCHROMETRIC SUMMARY

72726 — STATION
MCGHEE TYSON AIRPORT TN — STATION NAME
73-82 — YEARS
NOV — 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
19/ 13																					
14/ 11																					
09/ 9																					
TOTAL	7.0	12.2	9.3	11.2	12.9	16.2	14.2	14.7	5.6	1.6	.2							900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3168681	50155	55.7	20.387	900							
Dry Bulb	3151195	52431	58.3	10.373	900		1.1	22.7	5.5	.7		90
Wet Bulb	2316778	44858	49.8	9.490	900		2.6	2.1				90
Dew Point	1656528	36804	40.9	12.981	900		27.9	.3				90

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION MCGHEE TYSON AIRPORT TN STATION NAME [redacted] YEARS NOV MONTH

PAGE 1 [redacted] 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
[redacted] / 75						.1		.1										2	2		
74 / 73			.1				.1	.1										5	5		
[redacted] / 71					.1	.2	.3											7	7		
[redacted] / 69		.1	.1	.3	.2	.8	.3	.1										32	32	1	
[redacted] / 67		.1	.1	.3	.3	.2	.2											21	21	2	2
[redacted] / 65	.1	.9	1.2	1.2	.4	.4	.1	.2	.1									43	43	19	5
[redacted] / 63		1.3	.7	1.1	.7	.2	.2	.7	.1									41	41	16	19
[redacted] / 61	.3	1.9	.7	1.1	.4	.7	.7	.6	.1									58	58	53	19
[redacted] / 59	.2	1.7	.9	.6	.4	1.2	.7	.1	.1									53	53	52	25
[redacted] / 57	.6	1.8	.9	1.3	.9	.8	1.0	.1										66	66	39	47
56 / 55	.3	1.9	1.4	1.6	1.3	1.1	.6											74	74	55	45
[redacted] / 53	.4	.8	1.2	1.3	1.6	1.6	.7											63	63	37	48
[redacted] / 51	.1	.6	2.3	.6	2.1	1.1	.2											67	67	49	37
[redacted] / 49	.6	.3	1.2	.7	1.7	1.3	.4											54	54	68	29
[redacted] / 47		1.1	.7	1.7	1.7	.9	.2											57	57	64	42
46 / 45	.3	.8	1.2	2.2	1.4	1.1	.1											63	63	57	43
[redacted] / 43		1.2	1.2	1.1	.8	.9												47	47	60	31
[redacted] / 41		.3	.9	1.8	.9	.1												36	36	78	37
[redacted] / 39	.2	.3	1.2	1.3	.5	.1												35	35	63	46
[redacted] / 37		.8	1.2	1.1	.1													33	33	47	46
[redacted] / 35		.3	.6	.6	.4													17	17	44	50
[redacted] / 33		.3	.6	.3														11	11	49	59
[redacted] / 31			.4															4	4	19	65
[redacted] / 29			.2	.2														4	4	14	44
28 / 27			.2															3	3	6	29
[redacted] / 25			.1															1	1	4	36
[redacted] / 23		.1	.1															2	2	3	28
[redacted] / 21																				3	29
[redacted] / 19																					12
18 / 17																					8
16 / 15																					13
[redacted] / 13																					4
12 / 11																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723240 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | NOV MONTH

PAGE 2 | 1800-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	3	16	72	72	117	68	29	6	7	3								900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4145308	58832	65.4	18.253	900							
Dry Bulb	2581317	47393	52.7	9.761	900		1.4	6.8	.8			90
Wet Bulb	2072115	42283	47.0	9.759	900		8.9	.3				93
Dew Point	1619326	36422	40.5	12.716	900		27.9	.2				90

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION NUMBER MCGHEE TYSON AIRPORT TN STATION NAME [redacted] YEARS NOV MONTH

FALL [redacted] 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
[redacted]/ 74						.1	.1											[redacted]	[redacted]		
[redacted]/ 69			.2		.1	.1	.3											[redacted]	[redacted]		
[redacted]/ 67			.2	.3	.3	.2												[redacted]	[redacted]		
[redacted]/ 65		1.1	.3	.7	.2													[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 63	.3	.9	.9	.7	.1	.3												[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 61	.3	.9	1.2	.7		.1												[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 59	.7	3.2	1.2	.3	.2													[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 57	.8	2.1	1.2	.7	.3	.2												[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 55	.9	3.1	1.2	.3	.9	.6	.1											[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 53	.3	1.3	1.6	1.6	.9	.1	.1											[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 51	.2	1.4	2.7	1.1	.7	.3	.1											[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 49	.9	1.1	2.5	3.3	.7	.3	.1											[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 47		1.6	1.6	1.8	1.1	.1												[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 45	.3	1.8	2.1	2.5	.7	.2												[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 43		1.3	2.5	.9	1.[redacted]	.1												[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 41		.9	2.9	1.7	1.2													[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 39	.2	1.3	2.7	1.3	.2													[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 37	.4	1.7	2.6	.7	.1													[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 35		1.[redacted]	2.7	1.[redacted]	.2													[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 33		.1	1.3	.1														[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 31		.7	1.4	.7														[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 29		.3	.2	.1														[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 27			.1															[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 25		.1	.2															[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 23		.2																[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 21		.2																[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 19		.1																[redacted]	[redacted]	[redacted]	[redacted]
[redacted]/ 17																				[redacted]	[redacted]
[redacted]/ 15																					[redacted]
[redacted]/ 13																					[redacted]
[redacted]/ 11																					[redacted]
[redacted]/ 9																					[redacted]
TOTAL	6.2	27.5	33.3	20.1	9.[redacted]	2.9	.9											897	897	897	897

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.	5167909	66701	74.4	15.237	897							
Dry Bulb	2197749	43549	48.5	9.651	897		9.0	2.0				9
Wet Bulb	1889619	40267	44.8	9.887	897		9.2					9
Dew Point	1589998	36172	40.3	12.107	897		26.7					9

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

72268 — STATION
MEMPHIS TYSON AIRPORT TN — STATION NAME
73-83 — YEARS
NOV — MONTH
PACT
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
92/ 81								•													
86/ 79					•		•	•	•	•								14	14		
80/ 77				•		•	•	•	•									14	14		
74/ 75					•	•	•	•		•	•							28	28		
74/ 73			•	•	•	•	•	•	•	•	•							52	52	1	
70/ 71			•2	•2	•3	•3	•3	•1	•1	•1								116	116	3	
66/ 69		•1	•3	•3	•3	•3	•3	•2	•2	•1								180	180	3	4
62/ 67		•2	•5	•4	•4	•4	•2	•2	•1	•								178	178	7	5
61/ 65	•	•3	•4	•5	•4	•2	•2	•	•2									232	232	113	27
64/ 63	•1	•3	•6	•5	•3	•2	•3	•3	•1									247	247	184	100
57/ 61	•4	1•2	•5	•5	•4	•5	•4	•4	•									312	312	257	147
54/ 59	•3	1•6	•8	•5	•3	•3	•4	•3	•1									354	354	306	179
52/ 57	•3	1•6	•8	•6	•4	•4	•5	•3	•1									393	393	357	219
54/ 55	•5	2•2	1•	•7	•5	•3	•5	•	•									470	470	345	211
54/ 53	•3	1•5	•3	•3	•5	•6	•4	•	•									420	420	362	326
52/ 51	•5	1•6	1•3	•5	•3	•3	•4	•1										410	463	395	316
51/ 49	•4	1•4	1•8	1•1	•3	•6	•2											456	456	413	267
49/ 47	•2	2•2	1•1	1•1	•3	•4	•2											429	429	443	306
47/ 45	•4	2•2	1•4	1•3	•3	•3	•											448	530	318	
44/ 43	•1	1•3	1•7	1•3	•5	•3	•											365	469	373	
42/ 41	•1	1•6	1•8	1•	•5	•1												372	372	462	347
40/ 39	•3	1•7	1•9	•7	•3	•												344	344	456	383
38/ 37	•2	2•5	1•5	•7	•1													369	369	448	390
36/ 35	•1	1•8	1•5	•5	•1													289	289	433	453
34/ 33	•1	1•4	1•1	•2	•													204	204	361	417
32/ 31	•1	1•6	•9	•3														206	206	284	546
30/ 29	•2	•7	•4	•1														97	97	229	354
28/ 27	•2	•7	•3	•														82	82	175	312
26/ 25	•1	•3	•1															35	35	94	277
24/ 23	•	•1	•															7	7	23	211
22/ 21		•1																7	7	14	167
20/ 19	•	•1																3	3	6	111
18/ 17		•1																3	3	6	56
16/ 15	•																	2	2	5	63

Element (X)	Σx^2	Σx	$\bar{X}$	σ_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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72206 MCGHEE TYSON AIRPORT TN 62-81 YEARS MONTH

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]																					
[illegible]																					
[illegible]																					
TOTAL	6	231	623	413	7	9	5	[illegible]	4	4	3	1	0	[illegible]	3	[illegible]	2	71[illegible]6	71[illegible]6	71[illegible]6	71[illegible]

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.	39357673	515193	71.6	18.539	7196							
Dry Bulb	18877032	359380	49.9	11.363	7196		44.8	58.4	11.0	1.1		72.1
Wet Bulb	15574446	326486	45.4	10.289	7195		62.6	9.4	.1			72[illegible]
Dew Point	12654579	289029	40.2	12.055	7196		216.6	.9				72.1

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-83 YEARS | DEC MONTH

PAGE [redacted] | [redacted] 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
[redacted] / 71				.1														1	1		
[redacted] / 69				.1	.1													2	2		
[redacted] / 67		.1	.2	.4														7	7		
[redacted] / 65		.1	.1	.1														3	3	3	1
[redacted] / 63	.1	.3		.3														7	7	6	3
[redacted] / 61		.4	.3															7	7	10	2
[redacted] / 59	.6	.3		.1														10	10	12	23
[redacted] / 57	.3	.4	.2		.2													12	12	7	9
[redacted] / 55	.6	1.2	.1		.1													15	15	17	7
[redacted] / 53	.5	.5	.5	.2	.1													19	19	13	11
[redacted] / 51	.2	1.1	.5	.1	.2	.2	.1											24	24	8	9
[redacted] / 49	.2	.9	.6		.2													18	18	21	11
[redacted] / 47	.1	1.8	1.0	.2														29	29	15	19
[redacted] / 45	.6	3.2	1.2	.2	.1	.1												51	51	42	32
[redacted] / 43	.6	4.3	1.2	1.9	.2													45	45	47	32
[redacted] / 41	.8	2.6	3.2	1.3														60	60	56	39
[redacted] / 39	.3	4.1	2.3	1.1														71	71	62	44
[redacted] / 37	.4	2.9	2.8	1.2														68	68	86	41
[redacted] / 35	1.2	4.5	2.6	.5														91	91	70	54
[redacted] / 33	.5	2.6	3.2	.2	.2													69	69	62	51
[redacted] / 31	.8	4.2	3.2	.3														93	85	72	101
[redacted] / 29	.1	2.7	3.2	.1														75	55	77	59
[redacted] / 27	.2	2.3	1.2	.2														36	36	61	47
[redacted] / 25	.2	1.8	1.3															31	31	55	76
[redacted] / 23	.3	1.8	.5															25	25	35	34
[redacted] / 21	.2	1.3	.6															20	20	25	47
[redacted] / 19		1.1	.3															13	13	16	42
[redacted] / 17		.8																7	7	17	32
[redacted] / 15		.5																5	5	7	18
[redacted] / 13	.1	.4																6	5	4	21
[redacted] / 11		.1																1	1	5	24
[redacted] / 9																					4
[redacted] / 7																					7
[redacted] / 5																					1

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72226 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 7[illegible]-6[illegible] YEARS | DEC MONTH

FROM [illegible] TO [illegible] 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/																					
TOTAL	.348	.231	.11[illegible]	[illegible]	1.[illegible]	.4	.1											9[illegible]	[illegible]	6[illegible]	[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5764725	72157	77.6[illegible]	13.375	93[illegible]							
Dry Bulb	145[illegible]795	35481	38.2[illegible]	[illegible].226	93[illegible]		28.1	1.01				93
Wet Bulb	1277743	33151	35.6[illegible]	[illegible].167	93[illegible]		36.9					93
Dew Point	1057290	29282	31.5[illegible]	12.069	930		53.8					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

2

PSYCHROMETRIC SUMMARY

[illegible] MCGHEE TYSON AIRPORT TN [illegible] DEC
STATION STATION NAME YEARS MONTH

PACE [illegible]
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] / 69			.1															1	1		
[illegible] / 67			.2	.2	.2													6	6		
[illegible] / 65			.2	.1	.1													4	4		
[illegible] / 63		.1	.4	.1	.1													7	7	1	1
[illegible] / 61	.2	.8	.2	.1														12	12	14	4
[illegible] / 59	.5	.3	.2	.1														11	11	15	16
[illegible] / 57	.1	.5	.1		.1													8	8	1	13
[illegible] / 55	1.1	.2	.1	.2	.1													15	15	16	18
[illegible] / 53	.3	.2	.3		.2													10	10	3	2
[illegible] / 51	.2	1.0	.4	.1		.2												10	10	7	7
[illegible] / 49	.4	1.1	.5		.2	.1												21	21	17	13
[illegible] / 47	.3	2.1	.2	.1	.3													20	20	17	16
[illegible] / 45	.6	2.9	.6															39	39	32	24
[illegible] / 43	.5	2.6	1.1	.2	.1													46	46	35	24
[illegible] / 41	.1	2.6	2.8	.4														55	55	36	29
[illegible] / 39	1.1	4.3	3.1	.4														53	53	52	35
[illegible] / 37	.4	4.6	1.7	.5														68	68	64	47
[illegible] / 35	1.2	5.1	2.3	.3														86	86	74	52
[illegible] / 33	1.2	4.1	2.3	.2														72	72	61	70
[illegible] / 31	.8	4.4	2.9	1.2														86	86	66	44
[illegible] / 29	.6	3.7	2.															69	69	71	64
[illegible] / 27	.6	3.7	1.5															65	65	62	60
[illegible] / 25	.5	2.6	.9															73	73	64	60
[illegible] / 23	.1	1.1	.2															13	13	17	44
[illegible] / 21	1.1	2.3	.9															39	39	27	41
[illegible] / 19	.3	2.3	.4															28	28	27	55
18 / 17		.5																5	5	22	32
16 / 15		.9																8	8	13	26
14 / 13	.2	.6																8	8	5	44
12 / 11		.3																3	3	5	21
[illegible] / 9																				2	13
8 / 7																					7
6 / 5																					1
4 / 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] MCGHEE TYSON AIRPORT TN 73-82 DEC
STATION STATION NAME YEARS 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
/	1																				7
TOTAL	12	54	625	6	5	3	1	4		3								930	93	930	93

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.	6154513	78779	80.8	12.351	930							
Dry Bulb	1351817	34047	36.6	10.649	930		33.7	.7				93
Wet Bulb	1210331	32113	34.5	10.451	930		41.1					93
Dew Point	1023091	28765	30.9	11.981	930		55.3					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | [redacted] YEARS | DEC MONTH

PAGE 1 [redacted]-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
[redacted] / 68					•													1	1		
[redacted] / 67				•	•													3	3		
[redacted] / 65			•	•	•													6	5		
[redacted] / 63	•2	•2	•1	•1		•1												6	8	4	3
[redacted] / 61	•1	•2	•1	•4														9	9	1	2
[redacted] / 59	•		•1	•1														4	4	8	1
[redacted] / 57	•2	•2	•2		•													27	23	16	18
[redacted] / 55	•8	•4	•1	•1	•1													14	14	18	13
[redacted] / 53	•2	•6	•2	•2														19	19	19	19
[redacted] / 51		•2	•2															4	4	6	7
[redacted] / 49	•6	1.2	•2		•													22	22	21	13
[redacted] / 47	•	•9	•2		•													14	14	14	16
[redacted] / 45	1.2	2.3	•2	•1														42	42	31	25
[redacted] / 43	•2	2.4	•2	•2														34	34	19	19
[redacted] / 41	•2	4.2	1.7	•1														58	58	40	27
[redacted] / 39	1.2	2.9	2.5	•1														58	58	57	41
[redacted] / 37	•3	4.2	1.3	•1														61	61	51	32
[redacted] / 35	1.3	6.5	2.4	•1														97	97	78	48
[redacted] / 33	•9	4.2	2.4	•3														72	72	89	66
[redacted] / 31	•5	5.4	2.1	•6														80	80	74	83
[redacted] / 29	1.2	4.3	1.6															67	67	74	77
[redacted] / 27	1.2	3.5	1.5															53	58	76	57
[redacted] / 25	•9	3.2	1.3															50	50	62	61
[redacted] / 23	•5	1.8	•1															23	23	45	46
[redacted] / 21	1.1	1.2	•4															24	24	32	47
[redacted] / 19	1.5	2.6	•4															42	42	30	54
[redacted] / 17	•2	1.8																19	19	25	37
[redacted] / 15		•6																[redacted]	6	19	30
[redacted] / 13		•																[redacted]	5	5	28
[redacted] / 11	•4	•3																7	7	8	19
[redacted] / 9																				2	13
[redacted] / 7																					9
[redacted] / 5																					8
[redacted] / 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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723264 (STATION) MCGHEE TYSON AIRPORT TN (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PART [illegible] 1630-0860 (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																					1
TOTAL	17.	46.	6.22	1.9	3.1	1.3	.1											930	93[illegible]	97[illegible]	93[illegible]

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6378039	76261	82.0	11.579	93[illegible]							
Dry Bulb	1286272	33[illegible]64	35.6	10.919	93[illegible]		38.1	.4				93
Wet Bulb	1165932	31392	33.8	10.697	930		85.2					93
Dew Point	997501	28299	30.4	12.117	930	.1	57.2					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | DEC MONTH

PAGE 1 [illegible] 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] / 73				.1	.2													3	3		
[illegible] / 69				.1														1	1		
[illegible] / 67			.2															3	3	1	
[illegible] / 65			.4			.2												6	6	3	
[illegible] / 63	.2		.1	.2	.1	.1												8	8	7	5
[illegible] / 61	.6	.4																10	10	9	11
[illegible] / 59	.2	.4		.2	.2													9	9	9	4
[illegible] / 57	.5	.5	.5	.4														19	19	13	13
[illegible] / 55	1.0	.4	.2	.1	.1	.1												18	18	16	12
[illegible] / 53	.3	.6	.2	.6	.2													20	23	12	9
[illegible] / 51	.2	.9	.9	.9	.2	.1												28	29	19	8
[illegible] / 49	.2	1.3	1.4	.6	.2	.2												37	37	15	18
[illegible] / 47	.3	1.7	1.1	.5	.2													43	43	23	18
[illegible] / 45	.3	1.8	1.4	.5	1.2													47	47	41	23
[illegible] / 43	.4	2.0	1.1	1.5	.2	.1												50	50	44	32
[illegible] / 41	.2	4.5	2.8	1.4	.3	.1												67	67	47	35
[illegible] / 39	.4	3.9	3.2	.5	.3													78	78	75	48
[illegible] / 37	.5	3.7	3.9	2.2	.2													97	97	85	52
[illegible] / 35	.4	4.2	2.9	1.0														76	76	83	61
[illegible] / 33	.2	3.2	3.0	1.0	.2													69	69	90	54
[illegible] / 31	.4	3.3	3.3	1.2														77	77	79	82
[illegible] / 29	.3	1.7	.9	.2														29	29	72	77
[illegible] / 27	.4	.9	2.3	.2														35	35	48	77
[illegible] / 25		1.2	1.5															23	23	37	47
[illegible] / 23		.8	.5															12	12	26	28
[illegible] / 21	.1	1.3	.4															17	17	23	41
[illegible] / 19	.1	1.1	.8															18	18	13	38
[illegible] / 17		.4	.1															5	5	19	29
[illegible] / 15		.2	.1															3	3	7	33
[illegible] / 13		.2																2	2	2	32
[illegible] / 11																				2	7
[illegible] / 9																					9
[illegible] / 7																					16
[illegible] / 5																					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	≥ 88 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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72406 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | DEC MONTH

PAGE 2 ~~29 Oct 11 GMT~~ 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	7.	74	133.	213.	4	4.	1.											930	930	930	93

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5471713	70021	75.3	8.663	930							
Dry Bulb	1538853	36654	39.4	10.070	930		22.1	.7	.3			93
Wet Bulb	1331729	33947	36.5	9.983	930		32.8	.1				93
Dew Point	1077846	29618	31.8	12.030	930		51.9					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723267 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 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
80/ 79							.2	.1										4	4		
78/ 77							.1											1	1		
76/ 75					.2	.1	.1											4	4		
74/ 73				.2	.1	.2												5	5		
72/ 71					.1													1	1		
70/ 69			.1	.1	.1	.3												6	6		
68/ 67			.2	.2	.2	.5												11	11	12	
66/ 65	.1		.1	.1	.1	.1												5	5	4	4
64/ 63	.2		.2	.2	.1		.1	.2										10	10	9	6
62/ 61	.4	.6	.1	.2	.3		.3	.1										20	20	9	8
60/ 59	.2	.8	.2	.8	.2	.5	.1	.1										27	27	17	13
58/ 57	.3	.5	.2	.5	.3	.9	.2	.4										31	31	18	18
56/ 55	.3	.2	.4	1.1	1.2	.9	1.1	.1										48	48	14	12
54/ 53		.8	.3	1.4	1.2	1.2	.4	.2										51	51	14	7
52/ 51	.3	1.5	1.1	.9	1.4	1.1	.6											64	64	23	24
50/ 49	.1	1.1	1.1	1.9	1.1	1.7	.6	.1										72	72	30	25
48/ 47		1.2	1.0	1.2	2.2	1.	.2											62	62	52	17
46/ 45	.1	1.7	1.5	2.1	1.8	.5	.1	.1										74	74	63	27
44/ 43	.1	2.3	1.3	2.5	2.3	.5	.1											84	84	92	29
42/ 41		1.5	1.7	2.2	1.5	.5												69	69	81	49
40/ 39	.2	1.3	3.4	1.6	1.5	.4												79	79	82	53
38/ 37	.5	.6	1.1	1.5	1.3													47	47	89	61
36/ 35		1.4	1.0	1.9	1.3													52	52	81	46
34/ 33		.3	.6	.9	.2													20	20	56	58
32/ 31		.8	.4	1.6	.5													31	31	42	67
30/ 29		.1	1.3	1.3	.1													26	26	48	75
28/ 27			.5	.3														8	8	23	62
26/ 25			.5	.1														6	6	31	36
24/ 23		.1	.3															4	4	17	38
22/ 21			.6															6	6	9	24
20/ 19			.1															1	1	3	39
18/ 17																				0	66
16/ 15																				1	32
14/ 13																					31

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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

72326 STATION | MEMPHIS INTERNATIONAL AIRPORT TN STATION NAME | 73-80 YEARS | DEC MONTH

PAGE [illegible] HOURS (L.S.T.) [illegible]

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]	11																				13
[illegible]	9																				[illegible]
9/	7																				9
[illegible]	5																				[illegible]
6/	3																				2
[illegible]	1																				[illegible]
TOTAL	3.	16.	8	19.	7	24.	8	19.	4	1	0.	3	4.	5	1.	0			100		0. 0
																		929.		929.	

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	≤ 92 F	Total
Rel. Hum.	3933915	58.39	62.5	18.216	929							
Dry Bulb	2058078	42716	46.0	10.763	929		8.2	3.2	1.8	.1		93
Wet Bulb	1614227	37673	40.6	9.655	929		17.9	1.2				93
Dew Point	1157268	30578	32.9	12.758	929		87.3					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-80 YEARS | DEC 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
≥ / 79							.1											1	1		
78/ 77							.1	.2										3	3		
76/ 75				.2	.1	.1	.1											5	5		
74/ 73			.1	.1	.3	.1												5	5		
72/ 71					.1		.2											3	3		
70/ 69			.1	.2	.5	.4												12	12	3	
68/ 67			.2	.1	.7	.2		.1										9	9	5	2
66/ 65		.2		.9	.7	.1	.2	.3	.1									10	20	6	3
64/ 63		.1		.5	.1	.4	.4	.1										16	16	9	6
62/ 61	.6	.1	.1	.2	.2	.9	.4	.3	.2									29	29	12	8
60/ 59		.3	.3	.4	.3	1.1	.6	.9										43	43	22	8
58/ 57		.8	.6	.1	.9	1.1	.8	.6										42	42	17	13
56/ 55		.4	.5	.3	1.	1.2	.9	.1										41	41	15	15
54/ 53		1.7	.3	1.2	.9	1.2	1.4	.3										66	66	23	19
52/ 51	.1	1.3	1.3	.6	.9	2.3	1.1	.3										70	70	45	32
50/ 49		.6	1.1	.9	1.7	.9	.9											55	55	42	25
48/ 47		1.3	1.1	1.2	2.4	1.4	.6	.1										75	75	56	17
46/ 45	.2	1.4	1.1	3.3	2.9	1.8	.5											100	100	53	26
44/ 43		1.8	1.3	1.1	1.2	1.5	.5											68	68	72	52
42/ 41	.2	2.3	1.1	1.4	1.2	.4	.1											60	60	100	36
40/ 39	.1	.4	1.7	.5	1.2	.2												39	39	94	49
38/ 37	.1	1.6	.6	.8	1.7	.1												46	46	78	53
36/ 35		.3	.5	.8	.6													21	21	70	37
34/ 33		1.1	.9	1.8	1.5	.2												51	51	42	61
32/ 31		.4	.4	1.2	.9													27	27	36	88
30/ 29		.1		.8														8	8	42	61
28/ 27			.1	.9														9	9	28	46
26/ 25			.2	.1														3	3	22	40
24/ 23		.1		.1														2	2	15	25
22/ 21																				0	38
20/ 19			.2															2	2	1	44
18/ 17																					33
16/ 15																					22
14/ 13																					16

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION MCGHEE TYSON AIRPORT TN STATION NAME [redacted] YEARS DEC MONTH

PAGE 1 15 OF 17 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] / 11																					7
[illegible] / 9																					[illegible]
[illegible] / 7																					[illegible]
[illegible] / 5																					[illegible]
[illegible] / 3																					7
TOTAL	1	41	6	31	3	41	9	21	2	15	4	[illegible]	[illegible]	3	[illegible]		3		[illegible]		93
																		93		93	

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.	3526311	54323	58.8	19.558	93							
Dry Bulb	2236177	44623	48.[illegible]	10.117	93		5.1	3.7	1.4			93
Wet Bulb	1691819	38665	41.6	9.527	93		15.6	.8				93
Dew Point	1160592	30512	32.8	13.105	930		87.7	.2				93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72326 STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-82 YEARS | OCT MONTH

PAGE 1 | 12 Z-20 Z 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
120/ 75						.1												1	1		
116/ 73					.2		.1											4	4		
112/ 71			.2			.3												5	5		
108/ 69					.2													5	5		
104/ 67			.1		.3													9	9	1	
100/ 65		.2	.4	.2														8	8	4	
96/ 63		.2	.4	.4	.7													17	17	7	
92/ 61	.2	.3	.5	.3	.1			.1										16	16	15	7
88/ 59	.1	.2	.3	.1	.2	.1	.1											11	11	15	9
84/ 57	.1	.6	.6	.3	.4		.1											11	11	11	8
80/ 55		.3	.4	.4	.3	.2	.1											12	12	6	11
76/ 53	.2	1.4	.2	1.	.2	.2	.3											10	10	14	13
72/ 51	.1	1.6	.9	1.1	1.	.6												47	49	50	24
68/ 49		1.	1.3	1.7	1.3	.6												35	35	31	27
64/ 47	.2	.3	1.4	.9	1.	1.2	.2											69	69	44	2
60/ 45		2.7	1.1	1.	1.	.9												3	3	59	2
56/ 43	.3	2.3	1.6	3.1	1.4	.6												53	53	69	45
52/ 41	.1	2.6	3.4	1.7	1.9													61	61	65	44
48/ 39		1.1	2.	2.7	.9	.4												74	74	36	49
44/ 37	.1	2.4	2.2	2.6	.6	.1												4	74	89	4
40/ 35		1.	1.4	1.3	1.														91	8	46
36/ 33	.1	.	1.2	1.1	.3														3	7	53
32/ 31		.9	1.9	.9	.2													5	5	4	113
28/ 29	.1	.3	1.1	.9														2	22	1	56
24/ 27		.2	.	.8														18	19	6	37
20/ 25			1.															1	12	29	45
16/ 23			1.															9	9	23	33
12/ 21			.4															4	4	14	51
8/ 19		.1																1	1	11	35
4/ 17		.2	.2															4	4	4	32
0/ 15		.1																1	1	1	15
-4/ 13																				1	16
-8/ 11																					23
-12/ 9																					15

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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] MCGHEE TYSON AIRPORT TN [redacted] [redacted]
STATION STATION NAME YEARS MONTH

[redacted] 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
[redacted]	7																				
6/	5																				
4/	3																				
TOTAL	2	323	527	525	314	5	5	7	1	1								[redacted]	[redacted]	[redacted]	[redacted]

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.	4392298	61900	66.6	17.120	930							
Dry Bulb	1833697	40313	43.3	9.635	930		12.6	1.8	.5			91
Wet Bulb	1489643	36185	38.9	9.557	930		22.1	.1				91
Dew Point	1113363	29983	32.2	12.567	930		50.0					91

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

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GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72726 STATION | MOBILE TYSON AIRPORT TN STATION NAME | 73-87 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/ 99					•1													3	3		
103/ 96				•1	•1	•1												5	5		
102/ 93			•1	•1	•1													5	6		
101/ 91			•1	•2														4	4	4	
100/ 88	•1	•1	•2															4	5	6	1
99/ 86		•1	•3															4	5	11	2
98/ 84	•1	•3	•1	•1														11	11	11	13
97/ 82	•2	•6	•8		•1													18	18	15	21
96/ 79	•	•4	•3			•1	•1											10	10	11	17
95/ 77	•6	1•2	•4			•1												23	23	20	14
94/ 75	•2	1•1	•6	•5	•2	•1												29	29	6	15
93/ 73		•9	1•5	1•1	•2	•1												35	35	25	17
92/ 70		2•1	1•7	•6	•1	•4	•1											57	57	42	17
91/ 68	•9	3•1	1•8	1•2	•5	•2												64	64	56	33
90/ 66	•8	3•2	2•5	2•0	•1													68	68	54	39
89/ 64		2•4	3•5	1•7	•4													75	75	63	51
88/ 62	•2	1•8	3•4	2•2	•6													77	77	66	45
87/ 59	1•2	3•	2•4	1•5	•3	•1												77	77	67	45
86/ 57		2•3	3•1	1•4	•6													79	79	63	42
85/ 55		2•3	3•0	1•2	•3													63	63	81	51
84/ 53	•1	2•3	2•4	1•2	•1													62	62	65	100
83/ 51	•2	1•2	2•4	•1														36	36	65	62
82/ 48	•1	1•1	1•6	•5														20	20	45	42
81/ 46	•1	1•	•5	•2														17	17	51	78
80/ 44		•3	1•2															16	16	25	32
79/ 42		•3	1•3															15	15	15	41
78/ 40		•5	•2															9	9	19	32
77/ 37		•2	•1															3	3	13	31
76/ 35		•3																3	3	1	26
75/ 33		•3																3	3	5	18
74/ 31																					21
73/ 29																					16
72/ 27																					15

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] MCGHEE TYSON AIRPORT TN 73-83 DEC
STATION STATION NAME YEARS MONTH

PAGE [redacted]
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/	5																					1
TOTAL	5	235	335	717	5.4	6.1	4	.2											[redacted]	[redacted]	970	[redacted]

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.	5207867	68186	73.3	14.985	93[illegible]							
Dry Bulb	1592667	37377	80.2	9.869	93[illegible]		19.4	1.4	.3			93
Wet Bulb	1361709	34387	37.0	9.656	93[illegible]		30.5					93
Dew Point	1085860	29676	31.9	12.228	930		52.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | [illegible]-67 YEARS | OCT MONTH

PAGE [illegible] | 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
[illegible] / 79							•1	•1										5			
[illegible] / 77							•	•										4	4		
[illegible] / 75				•	•	•	•2											6	6		
[illegible] / 73			•1	•1	•1	•2	•1											6	22		
[illegible] / 71			•	•	•	•	•											7	7		
[illegible] / 69			•1	•1	•2	•1												11	31	3	
[illegible] / 67		•2	•2	•1	•2	•1		•										48	48	19	2
[illegible] / 65	•2	•1	•2	•2	•1	•1	•1	•	•									57	57	26	6
4/ 63	•1	•2	•2	•2	•1	•1	•1	•										76	76	44	31
[illegible] / 61	•3	•4	•2	•2	•1	•1	•1	•	•									108	108	91	53
[illegible] / 59	•3	•4	•2	•2	•2	•2	•1	•1										126	126	110	92
[illegible] / 57	•3	•6	•4	•2	•2	•2	•1	•1										174	174	157	123
[illegible] / 55	•5	•5	•2	•3	•4	•4	•2	•										190	190	175	126
[illegible] / 53	•4	•9	•3	•6	•4	•3	•2	•1										246	246	216	97
[illegible] / 51	•2	1•	•8	•6	•5	•6	•2	•										286	286	256	137
[illegible] / 49	•2	1•	1•2	•8	•7	•5	•2	•										317	317	298	131
[illegible] / 47	•1	1•8	1•2	•6	•5	•5	•1	•										377	377	263	127
[illegible] / 45	•5	2•4	1•2	1•1	1•	•4	•1	•										487	487	384	214
[illegible] / 43	•4	2•6	1•5	1•7	•7	•3	•1											548	548	439	263
[illegible] / 41	•1	2•8	2•5	1•3	•7	•1	•											563	563	470	318
[illegible] / 39	•5	2•4	2•9	1•1	•6	•1												559	559	574	764
38/ 37	•5	2•9	2•1	1•3	•5	•2												538	538	659	868
[illegible] / 35	•5	3•3	2•1	1•2	•5													543	543	627	388
[illegible] / 33	•4	2•3	2•1	•9	•4	•2												446	446	607	466
[illegible] / 31	•3	2•7	2•1	1•4	•2													501	501	478	748
[illegible] / 29	•3	1•9	1•5	•4	•1													302	302	489	531
[illegible] / 27	•3	1•4	1•2	•4														249	249	409	413
[illegible] / 25	•2	1•2	•9	•1														175	175	341	447
[illegible] / 23	•1	•8	•5	•2														104	104	223	278
[illegible] / 21	•3	•8	•6															125	125	155	332
[illegible] / 19	•2	1•2	•3															114	114	121	342
[illegible] / 17	•	•5	•1															43	43	125	247
16/ 15		•3	•2															26	26	51	225
[illegible] / 13	•2	•3																23	23	24	183

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION MCGHEE TYSON AIRPORT TN STATION NAME 73-82 YEARS DEC MONTH

PAGE [redacted] 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
[redacted]/ 11	.1	.1																[redacted]	[redacted]	[redacted]	166
[redacted]/ 9																					[redacted]
[redacted]/ 7																					95
[redacted]/ 5																					[redacted]
[redacted]/ 3																					17
[redacted]/ 1																					[redacted]
[redacted]/ -1																					1
TOTAL	.2	36.	426.	14.	8.	8.	6.	4.	3.	1.	9.	.2	.0						7439.		7439.
																		7439		7439	

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.	40831398	535666	72.0	17.428	7439							
Dry Bulb	17348343	304275	40.9	11.016	7439		167.3	12.5	3.9	.1		744
Wet Bulb	11143133	277473	37.3	10.328	7439		242.1	2.2				744
Dew Point	3672367	236705	31.8	12.383	7439	.1	415.3	.2				744

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | 73-87 YEARS | ALL MONTH

FAU[illegible] | 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] / 99											.[illegible]	.[illegible]	.[illegible]					[illegible]	[illegible]			
[illegible] / 97									.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]				22	22			
96 / 95								.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]				58	58			
94 / 93							.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]					173	173			
[illegible] / 91						.[illegible]	.[illegible]	.1	.1	.1	.[illegible]	.[illegible]						352	352			
[illegible] / 89					.[illegible]	.[illegible]	.2	.2	.2	.1	.[illegible]	.[illegible]	.[illegible]					744	744			
88 / 87				.[illegible]	.[illegible]	.1	.4	.4	.2	.1	.[illegible]	.[illegible]	.[illegible]					1105	1105			
86 / 85				.[illegible]	.1	.7	.6	.8	.2	.1	.[illegible]	.[illegible]	.[illegible]					1689	1689			
84 / 83			.[illegible]	.1	.[illegible]	.6	.4	.3	.2	.1	.[illegible]	.[illegible]	.[illegible]	.[illegible]				1856	1856	2		
82 / 81		.[illegible]	.[illegible]	.4	.[illegible]	.4	.4	.2	.2	.1	.[illegible]	.[illegible]	.[illegible]	.[illegible]				2185	2186	27	1	
[illegible] / 79		.[illegible]	.2	.[illegible]	.[illegible]	.[illegible]	.3	.[illegible]	.2	.1	.[illegible]	.[illegible]	.[illegible]					2619	2619	228	9	
78 / 77		.1	.6	.8	.5	.4	.3	.2	.1	.1	.1	.0						2836	2836	1[illegible]1	8[illegible]	
[illegible] / 75	.[illegible]	.4	1.3	.7	.6	.3	.2	.[illegible]	.1	.1	.[illegible]	.[illegible]	.[illegible]					3532	3532	2627	374	
74 / 73	.[illegible]	1.3	1.2	.8	.3	.3	.2	.[illegible]	.2	.1	.[illegible]	.[illegible]	.[illegible]					4011	4011	4613	1602	
[illegible] / 71	.3	1.[illegible]	1.1	.6	.3	.3	.3	.[illegible]	.1	.1	.[illegible]	.[illegible]						4576	4[illegible]6	5331	4423	
[illegible] / 69	.6	1.8	1.2	.5	.4	.4	.2	.[illegible]	.2	.1	.[illegible]	.[illegible]						4881	4881	5[illegible]6	6[illegible]2	
[illegible] / 67	.4	1.[illegible]	1.1	.4	.4	.3	.2	.[illegible]	.[illegible]	.[illegible]	.[illegible]							4052	4053	4919	5329	
[illegible] / 65	.3	1.3	.7	.5	.3	.2	.[illegible]	.[illegible]	.1	.1	.[illegible]							3494	3494	4044	4567	
64 / 63	.2	1.1	.5	.4	.3	.2	.2	.[illegible]	.1	.[illegible]	.[illegible]							2962	2962	3858	3900	
[illegible] / 61	.4	1.1	.5	.4	.[illegible]	.3	.2	.[illegible]	.1	.[illegible]								2982	2982	3376	3339	
[illegible] / 59	.4	1.1	.[illegible]	.3	.[illegible]	.3	.[illegible]	.[illegible]	.1	.[illegible]								2976	2976	3468	3279	
[illegible] / 57	.4	1.[illegible]	.6	.3	.[illegible]	.3	.2	.[illegible]	.[illegible]	.[illegible]								2921	2[illegible]21	327[illegible]	3174	
[illegible] / 55	.3	1.1	.5	.4	.4	.4	.2	.[illegible]	.[illegible]									3055	3055	3145	3064	
54 / 53	.3	1.0	.5	.5	.4	.3	.2	.[illegible]	.[illegible]									2906	2906	3149	2803	
[illegible] / 51	.1	.8	.7	.4	.4	.3	.1	.[illegible]	.[illegible]									2484	2485	2764	2957	
[illegible] / 49	.1	.3	.[illegible]	.5	.[illegible]	.2	.1	.[illegible]										2559	2559	2770	2408	
46 / 47	.1	1.1	.5	.5	.4	.[illegible]	.[illegible]	.[illegible]										2622	2622	2984	2285	
46 / 45	.2	1.2	.7	.5	.[illegible]	.2	.[illegible]	.[illegible]										2731	2731	3295	2513	
44 / 43	.1	1.1	.8	.6	.[illegible]	.2	.[illegible]											2630	2630	3018	2670	
42 / 41	.1	1.1	.9	.5	.[illegible]	.1	.[illegible]											2552	2552	2847	2831	
[illegible] / 39	.2	.9	.9	.4	.[illegible]	.[illegible]												2426	2426	2906	2730	
38 / 37	.[illegible]	1.2	.7	.5	.[illegible]	.[illegible]												2470	2470	2943	2634	
[illegible] / 35	.[illegible]	1.1	.8	.4	.[illegible]	.[illegible]												2277	2277	2682	2860	
34 / 33	.1	.9	.8	.3	.1	.[illegible]												1929	1929	2625	2696	

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

USAFETAC FORM 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

2

[illegible] STATION | MCGHEE TYSON AIRPORT TN STATION NAME | [illegible]-67 YEARS | ALL MONTH

PAGE | 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
[illegible]/ 31	.1	1.	.6	.3	.1	.0												199	199	2197	3572
[illegible]/ 29	.1	.6	.5	.1	.													1196	1196	2171	2261
[illegible]/ 27	.1	.5	.4	.1	.													952	952	1497	2030
[illegible]/ 25	.1	.4	.3	.0														689	689	1315	2165
[illegible]/ 23	.	.2	.2	.1														362	362	861	1319
[illegible]/ 21	.1	.2	.2	.														463	463	542	1626
[illegible]/ 19	.1	.4	.1	.														495	495	480	1622
[illegible]/ 17	.0	.3	.1															302	302	504	929
[illegible]/ 15	.1	.2	.1															199	199	264	854
[illegible]/ 13	.	.1	.0															132	133	186	709
12/ 11	.	.1	.0															63	63	138	639
[illegible]/ 9	.	.0	.0															45	45	78	461
[illegible]/ 7	.	.0	.0															39	39	39	339
[illegible]/ 5		.0																17	17	32	153
[illegible]/ 3		.0																16	16	[illegible]	139
[illegible]/ 1	.0	.0																12	12	14	129
[illegible]/ -1	.	.0																17	17	11	53
[illegible]/ -3	.0	.0																7	7	17	36
-4/ -5		.0																1	1	2	36
[illegible]/ -7																				1	12
-8/ -9																					14
[illegible]/-11																					13
[illegible]/-13																					6
[illegible]/-15																					3
[illegible]/-17																					7
[illegible]/-19																					7
[illegible]/-21																					1
TOTAL	5.6	28.8	24.9	13.1	9.7	7.5	5.5	4.2	2.5	1.2	.5	.2	.0	.0				87619			87614
																		87614		87614	

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.	486218386	6317384	72.1	18.661	87618							
Dry Bulb	327251713	5132397	58.6	17.429	87619	2.5	700.7	3863.9	2119.3	950.2	29.4	8760
Wet Bulb	271274025	4674443	53.4	15.803	87614	3.1	1029.9	2417.1	850.3	10.7		8760
Dew Point	238671991	4262895	48.7	17.639	87618	19.3	1906.3	1782.9	206.7	.2		8760

USAFETAC FORM AS 84 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

72326 MCGHEE TYSON AIRPORT TN 73-83
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01-02	MEAN	34.3	37.9	46.9	54.3	61.5	68.1	72.5	72.1	66.5	53.1	4[illegible].3	38.2	54.4
	S D	11.586	11.289	10.487	9.150	6.823	4.925	3.711	3.508	6.343	8.410	10.133	10.226	15.702
	TOTAL OBS	93[illegible]	846	930	900	930	900	930	930	900	930	900	930	10956
04-05	MEAN	33.[illegible]	36.0	44.9	51.3	59.[illegible]	65.8	70.5	70.2	64.6	50.7	44.5	36.6	52.3
	S D	11.852	11.439	10.909	9.449	7.197	5.396	3.706	3.647	6.552	8.763	1[illegible].510	10.649	15.702
	TOTAL OBS	93[illegible]	844	930	900	930	899	930	927	900	930	900	930	10950
07-08	MEAN	32.2	34.6	43.7	51.1	60.0	67.1	71.4	70.5	64.2	49.8	43.4	35.6	52.0
	S D	12.178	11.378	10.700	9.369	7.227	5.496	3.987	3.931	6.697	8.752	10.591	10.919	16.357
	TOTAL OBS	930	846	930	900	930	900	929	929	900	930	900	930	10954
10-11	MEAN	35.[illegible]	39.3	49.9	59.9	68.4	75.1	79.1	78.0	71.0	57.7	49.3	39.4	56.6
	S D	11.788	11.320	10.684	9.289	7.007	5.271	4.969	4.731	6.965	8.134	9.858	10.[illegible]70	17.522
	TOTAL OBS	930	845	930	899	928	900	929	930	900	930	900	930	10951
12-14	MEAN	40.3	46.0	56.6	66.3	74.1	80.7	84.6	84.1	77.5	65.9	56.6	46.0	65.0
	S D	11.606	12.025	11.796	9.817	7.483	5.223	5.477	4.823	7.308	8.507	10.282	10.063	17.538
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	899	929	10954
15-17	MEAN	42.5	48.9	59.0	68.6	75.2	81.8	85.3	85.2	78.9	67.8	58.3	48.0	66.7
	S D	11.454	12.237	11.763	9.738	7.542	5.599	6.151	5.207	7.456	8.447	10.373	10.117	17.146
	TOTAL OBS	930	849	930	900	930	899	930	930	900	929	900	930	10952
18-20	MEAN	38.7	45.0	55.2	64.6	71.2	78.0	81.6	80.7	74.0	61.6	52.7	43.3	62.3
	S D	11.105	11.290	10.921	9.203	7.017	5.445	5.572	4.949	6.990	8.056	9.761	9.635	16.907
	TOTAL OBS	930	846	930	900	930	900	930	928	899	930	900	930	10953
21-23	MEAN	35.7	40.8	50.1	58.4	65.2	71.7	75.8	75.0	68.9	56.2	48.5	4[illegible].2	57.3
	S.D.	11.265	10.848	10.436	8.762	6.422	4.637	4.215	3.631	6.322	7.957	9.651	9.869	15.915
	TOTAL OBS	930	846	930	899	930	900	930	927	900	930	897	930	10949
ALL HOURS	MEAN	36.5	41.1	50.8	59.3	66.8	73.5	77.6	77.0	70.7	57.9	49.9	4[illegible].9	58.6
	S D	12.095	12.429	12.171	11.299	9.257	7.897	7.332	7.066	8.652	10.491	11.363	11.016	17.429
	TOTAL OBS	7440	6763	7440	7198	7438	7198	7438	7431	7199	7439	7196	7439	87619

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723260 MCGHEE TYSON AIRPORT TN 73-83
STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	32.1	34.9	43.[illegible]	49.6	58.7	65.3	69.7	69.4	64.1	5[illegible].7	43.5	35.6	51.5
	S.D	11.324	10.696	9.872	8.653	7.164	5.254	3.301	3.340	6.318	8.589	10.066	10.167	15.615
	TOTAL OBS	930.	846.	930.	900.	930.	900.	930.	930.	900.	930.	900.	930.	10956
03-05	MEAN	31.2	33.6	41.6	47.8	57.1	63.9	68.5	68.3	62.9	46.9	42.2	34.5	50.1
	S.D	11.553	10.979	10.193	8.980	7.444	5.569	3.495	3.576	6.532	8.836	10.284	10.451	15.730
	TOTAL OBS	930.	844.	930.	900.	930.	899.	930.	927.	900.	930.	900.	930.	10950
06-08	MEAN	30.5	32.6	41.[illegible]	47.9	57.7	64.7	68.9	68.3	62.5	48.3	41.2	33.8	49.9
	S.D	11.903	10.941	10.261	9.025	7.431	5.474	3.49[illegible]	3.676	6.638	8.845	10.353	10.697	16.160
	TOTAL OBS	929.	846.	930.	900.	930.	900.	929.	929.	900.	930.	900.	930.	10953
09-11	MEAN	32.6	35.7	45.[illegible]	52.7	62.3	68.8	72.4	71.9	66.1	53.2	45.3	36.5	53.6
	S.D	11.430	10.486	9.867	8.467	6.815	5.[illegible]28	3.450	3.413	6.131	7.974	9.598	9.983	16.189
	TOTAL OBS	930.	845.	930.	899.	928.	900.	929.	930.	900.	930.	900.	930.	10951
12-14	MEAN	36.[illegible]	39.8	48.5	55.6	64.6	70.6	74.0	73.8	68.5	56.8	49.1	40.6	56.6
	S.D	11.050	10.290	9.975	8.355	6.644	5.[illegible]50	3.331	3.116	5.880	7.813	9.488	9.655	15.411
	TOTAL OBS	930.	846.	930.	900.	930.	899.	929.	930.	900.	930.	899.	929.	10952
15-17	MEAN	37.2	41.2	49.4	56.2	64.6	70.5	73.6	73.6	68.5	57.3	49.8	41.6	57.0
	S.D	10.710	10.077	9.552	7.953	6.334	4.940	3.167	2.953	5.617	7.639	9.490	9.527	14.808
	TOTAL OBS	930.	844.	930.	900.	930.	899.	930.	930.	900.	929.	900.	930.	10952
18-20	MEAN	35.[illegible]	39.1	47.4	54.3	63.1	69.2	72.7	72.4	67.0	54.8	47.0	38.9	55.1
	S.D	10.804	10.004	9.546	8.132	6.348	4.869	3.133	2.977	5.881	7.995	9.759	9.557	15.278
	TOTAL OBS	930.	846.	930.	900.	930.	900.	930.	928.	899.	930.	900.	930.	10953
21-23	MEAN	33.0	36.7	44.8	51.6	60.7	67.0	71.0	70.7	65.2	52.4	44.8	37.0	53.0
	S.D	10.984	10.219	9.688	8.376	6.746	4.976	3.193	3.095	6.136	8.199	9.887	9.856	15.483
	TOTAL OBS	930.	846.	930.	898.	930.	899.	930.	927.	900.	930.	897.	930.	10947
ALL HOURS	MEAN	33.5	36.7	45.1	52.0	61.1	67.5	71.3	71.1	65.6	52.8	45.4	37.3	53.[illegible]
	S.D	11.442	10.850	10.298	9.044	7.426	5.709	3.880	3.877	6.530	8.831	10.289	10.328	15.803
	TOTAL OBS	7439	6763	7440	7197	7438	7196	7437	7431	7199	7439	7196	7439	87618

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723267 MCGHEE TYSON AIRPORT TN 73-83
STATION STATION NAME YEARS

HRS (EST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	27.9	29.8	38.2	44.9	56.6	63.7	68.2	68.0	62.6	48.5	40.0	31.5	48.4
	S D	13.410	12.430	11.563	10.371	8.512	6.235	3.737	3.740	6.805	9.705	11.666	12.269	17.443
	TOTAL OBS	93	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	27.3	29.4	37.6	44.3	55.7	62.9	67.5	67.3	61.9	47.2	39.2	30.9	47.7
	S D	13.449	12.450	11.508	10.150	8.391	6.176	3.806	3.865	6.837	9.663	11.498	11.981	17.335
	TOTAL OBS	930	844	930	900	930	899	930	927	900	930	900	930	10950
06-08	MEAN	26.8	28.8	37.4	44.6	55.9	63.3	67.6	67.2	61.5	46.7	38.5	30.4	47.5
	S D	13.701	12.271	11.558	10.188	8.465	6.083	3.721	3.904	6.923	9.598	11.459	12.117	17.548
	TOTAL OBS	929	846	930	900	930	900	929	929	900	930	900	930	10953
09-11	MEAN	27.9	30.1	39.2	46.1	58.1	65.3	69.3	69.0	63.3	49.2	40.7	31.8	49.3
	S D	13.639	12.244	11.794	10.840	8.671	6.415	3.892	3.792	6.818	9.604	11.340	12.030	17.747
	TOTAL OBS	932	845	930	899	928	900	929	930	900	930	900	930	10951
12-14	MEAN	28.9	31.0	40.0	46.1	58.3	65.2	69.1	69.1	63.5	49.1	41.2	32.9	49.6
	S D	14.155	12.617	12.498	11.711	9.117	7.311	4.215	4.052	7.358	10.604	12.368	12.758	17.799
	TOTAL OBS	930	846	930	900	930	899	929	930	900	930	899	929	10952
15-17	MEAN	28.9	30.8	39.3	45.1	57.6	64.3	68.2	68.1	62.7	48.5	40.9	32.8	49.0
	S D	14.329	12.962	12.642	12.070	9.397	7.499	4.385	4.282	7.519	11.090	12.981	13.105	17.743
	TOTAL OBS	930	844	930	900	930	899	930	930	900	929	900	930	10952
18-20	MEAN	28.6	30.5	38.6	44.8	57.5	64.3	68.4	68.3	62.9	48.7	40.5	32.2	48.9
	S D	13.879	12.705	12.558	12.060	9.228	7.097	4.319	4.164	7.332	10.691	12.716	12.567	17.780
	TOTAL OBS	930	846	930	900	930	900	930	928	899	930	900	930	10953
21-23	MEAN	28.1	30.4	38.6	45.0	57.5	64.4	68.6	68.5	62.9	49.0	40.3	31.9	48.9
	S D	13.299	12.438	11.798	11.221	8.670	6.389	3.882	3.685	6.936	9.811	12.107	12.228	17.603
	TOTAL OBS	930	846	930	898	930	899	930	927	900	930	897	930	10947
ALL HOURS	MEAN	28.0	30.1	38.6	45.1	57.2	64.2	68.4	68.2	62.7	48.4	40.2	31.8	48.7
	S D	13.748	12.529	12.021	11.114	8.857	6.715	4.046	3.993	7.096	10.141	12.055	12.383	17.639
	TOTAL OBS	7439	6763	7440	7197	7438	7196	7437	7431	7199	7439	7196	7439	87618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72726? MCGHEE TYSON AIRPORT TN 74-8? JAN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	9.6	96.1	88.1	7?.?	48.8	22.?	78.1	93?
	03-05	100.0	100.0	100.0	9.7	97.6	90.3	76.5	56.	23.7	79.9	93?
	06-08	100.0	100.0	100.?	9.5	97.6	91.9	80.9	58.6	26.?	81.0	929
	09-11	100.0	100.0	100.0	8.6	94.5	83.8	65.9	43.9	18.0	76.1	93?
	12-14	100.0	100.0	99.1	91.6	76.9	58.6	38.	25.1	12.2	65.7	93?
	15-17	100.0	100.0	96.8	8?.3	64.6	46.6	3?.6	21.6	10.8	61.2	93?
	18-20	100.0	100.0	99.5	95.4	82.?	64.6	44.5	31.2	14.5	68.8	93?
	21-23	100.0	100.0	100.?	9.1	94.6	82.2	58.9	4?.2	17.3	74.9	93?
TOTALS		100.0	100.0	99.4	95.9	88.?	75.8	58.2	40.7	18.1	73.2	7439

USAFETAC FORM JUL 84 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72726? MCGHEE TYSON AIRPORT TN 74-83 FEB
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%		
FEB	00-02	100.0	100.0	100.0	98.3	92.1	81.0	59.6	35.[illegible]	16.5	73.9	846
	03-05	100.0	100.0	100.0	99.4	95.6	90.3	70.7	47.7	19.2	77.8	844
	06-08	100.0	100.0	100.0	99.9	96.8	92.4	78.[illegible]	54.1	22.6	79.8	846
	09-11	100.0	99.9	99.9	97.6	89.7	74.2	50.7	28.4	12.0	71.	845
	12-14	100.0	99.9	95.9	80.6	59.3	42.7	26.4	16.0	7.3	58.5	846
	15-17	100.0	99.5	88.3	64.0	48.[illegible]	35.1	22.9	14.1	6.[illegible]	53.4	844
	18-20	100.0	99.9	96.6	80.7	61.6	45.9	30.0	17.4	8.7	59.8	846
	21-23	100.0	100.0	99.6	96.3	83.[illegible]	64.8	43.1	25.2	11.5	68.1	846
TOTALS		100.0	99.9	97.5	89.6	78.3	65.7	47.7	29.7	13.0	67.8	6763

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[redacted] MCGHEE TYSON AIRPORT TN 74-80 MAR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	98.1	91.9	77.2	55.3	32.3	15.6	72.9	930
	03-05	100.0	100.0	99.9	98.9	94.6	84.6	66.2	45.3	21.	76.9	930
	06-08	100.0	100.0	100.0	99.4	96.6	91.2	73.1	51.6	23.3	79.2	93
	09-11	100.0	100.0	99.4	95.6	84.6	65.6	42.9	25.	12.9	68.4	930
	12-14	100.0	100.0	94.6	73.7	55.6	39.6	27.	16.2	5.7	56.8	930
	15-17	100.0	99.0	83.5	58.6	47.4	31.1	22.4	14.9	6.5	52.	930
	18-20	100.0	99.9	93.3	73.7	53.7	39.0	27.5	18.3	9.2	57.1	93
	21-23	100.0	100.0	99.9	95.3	81.2	57.5	39.	23.9	11.1	66.6	930
TOTALS		100.0	99.9	96.3	86.7	75.5	60.7	44.2	28.3	13.2	66.2	744

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723261 MCGHEE TYSON AIRPORT TN 78-82 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.7	97.6	91.4	74.4	52.9	30.7	15.7	72.1	900
	03-05	100.0	100.0	99.9	99.6	97.[illegible]	87.8	72.1	45.7	21.3	76.1	900
	06-08	100.0	100.0	99.9	99.6	98.3	90.3	75.[illegible]	49.3	2[illegible].0	79.3	900
	09-11	100.0	100.0	99.1	91.9	71.[illegible]	47.1	29.6	19.0	[illegible].9	62.3	899
	12-14	100.0	99.8	[illegible].[illegible]	64.4	43.[illegible]	27.4	18.4	12.[illegible]	4.2	51.3	900
	15-17	100.0	97.4	74.8	50.8	34.1	24.4	15.[illegible]	9.3	3.[illegible]	46.6	900
	18-20	100.0	99.1	85.9	63.7	45.1	32.7	22.4	11.9	4.6	52.2	900
	21-23	100.0	100.0	98.7	98.2	77.6	52.9	33.5	21.2	11.5	63.4	898
TOTALS		100.0	99.5	93.3	82.0	68.7	54.6	40.1	24.9	11.9	63.2	7197

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72733? MCGHEE TYSON AIRPORT TN 74-?? ??
STATION STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
MAY	00-02	100.0	100.0	100.0	99.8	98.4	92.8	84.8	68.0	39.2	74.7	93
	03-05	100.0	100.0	100.0	100.0	99.6	96.9	91.9	80.2	53.9	76.9	93
	06-08	100.0	100.0	100.0	99.9	99.2	95.8	89.8	75.5	44.3	76.9	93
	09-11	100.0	100.0	99.9	98.6	97.3	75.2	53.3	29.0	8.7	71.1	93
	12-14	100.0	100.0	98.3	86.8	67.1	45.3	26.9	13.0	5.7	59.8	93
	15-17	100.0	100.0	93.7	78.1	57.7	40.6	26.7	13.9	5.3	57.1	93
	18-20	100.0	100.0	97.4	87.6	73.9	56.1	41.1	25.5	9.6	64.7	93
	21-23	100.0	100.0	100.0	98.9	93.5	83.8	69.	49.4	27.8	77.4	93
TOTALS		100.0	100.0	98.7	93.7	84.9	73.3	60.4	44.4	27.2	73.8	7438

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72726[illegible] MCGHEE TYSON AIRPORT TN 74-83 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.8	97.7	90.9	73.2	34.3	86.[illegible]	900
	03-05	100.0	100.0	100.0	100.0	99.7	99.3	97.2	87.7	52.9	90.4	899
	06-08	100.0	100.0	100.0	100.0	99.9	98.6	95.6	80.4	47.3	87.8	900
	09-11	100.0	100.0	99.8	99.1	95.7	82.9	56.7	25.[illegible]	6.8	72.1	900
	12-14	100.0	100.0	98.6	93.4	76.4	49.1	19.8	7.3	2.4	63.4	899
	15-17	100.0	100.0	99.3	85.9	64.7	35.[illegible]	18.6	9.7	2.7	57.[illegible]	899
	18-20	100.0	100.0	99.3	94.0	79.4	56.9	34.7	18.4	9.6	64.5	900
	21-23	100.0	100.0	100.0	100.0	98.8	90.7	73.1	46.6	17.4	78.3	899
TOTALS		100.0	100.0	99.5	96.6	89.3	76.3	60.8	43.6	27.3	74.6	7196

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] MCGHEE TYSON AIRPORT TN 74-83 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.0	95.3	76.9	35.6	86.6	93[illegible]
	03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9	97.7	88.4	54.5	90.3	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.2	81.9	39.5	87.9	929
	09-11	[illegible]	[illegible]	[illegible]	99.9	98.3	86.5	56.3	24.8	5.0	72.5	929
	12-14	[illegible]	[illegible]	[illegible]	98.1	87.9	45.0	18.[illegible]	7.9	2.7	60.6	929
	15-17	100.0	100.0	99.5	92.8	65.5	34.4	20.3	11.5	3.5	68.3	93[illegible]
	18-20	[illegible]	[illegible]	99.8	97.3	85.3	58.3	35.4	20.2	5.4	65.8	93[illegible]
	21-23	[illegible]	[illegible]	[illegible]	[illegible]	99.[illegible]	94.5	76.9	48.6	16.6	79.1	930
TOTALS		100.0	100.0	99.9	98.5	91.1	77.2	62.1	45.[illegible]	21.4	75.2	7437

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72326? MCGHEE TYSON AIRPORT TN 74-83 AUG

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.9	99.8	97.1	82.7	28.9	86.8	93?
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	99.?	93.3	40.?	90.3	927
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.6	91.4	41.6	89.4	929
	09-11	100.0	100.0	100.0	100.0	99.5	92.3	65.3	27.6	5.6	74.5	93
	12-14	100.0	100.0	100.0	98.2	85.6	46.8	20.3	6.7	1.5	61.5	93?
	15-17	100.0	100.0	99.9	93.7	68.4	34.3	18.1	7.3	2.?	58.?	93?
	18-20	100.0	100.0	100.0	98.4	89.0	64.5	40.6	19.3	3.9	67.3	928
	21-23	100.0	100.0	100.0	100.0	99.6	97.5	86.3	54.3	10.4	80.6	927
TOTALS		100.0	100.0	100.0	98.8	92.8	79.4	65.7	47.9	17.7	76.1	7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72326 MCGHEE TYSON AIRPORT TN 73-87 SEP

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.8	96.7	80.7	35.6	87.5	900
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.4	90.3	53.3	91.9	900
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	99.7	92.	53.0	91.8	900
	09-11	100.0	100.0	100.0	99.8	98.7	91.8	71.7	40.8	12.6	77.3	900
	12-14	100.0	100.0	99.7	96.0	79.8	52.7	29.7	14.3	6.3	63.6	900
	15-17	100.0	100.0	99.1	90.1	65.0	40.6	25.4	15.	6.7	59.9	900
	18-20	100.0	100.0	99.8	97.2	89.1	70.6	46.2	26.6	9.0	69.8	899
	21-23	100.0	100.0	100.0	100.0	99.7	97.0	84.0	58.2	18.8	81.7	900
TOTALS		100.0	100.0	99.8	97.9	91.5	81.6	69.1	52.2	24.4	77.7	7199

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72326? MCGHEE TYSON AIRPORT TN 73-82 OCT

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%		
OCT	00-02	100.0	100.0	100.0	100.0	99.7	96.5	87.2	66.8	32.2	84.6	930
	03-05	100.0	100.0	100.0	100.0	99.9	98.5	93.[illegible]	78.3	46.9	88.1	930
	06-08	100.0	100.0	100.0	100.0	99.9	99.4	96.2	83.3	48.[illegible]	89.[illegible]	930
	09-11	100.0	100.0	100.0	98.9	93.7	81.4	61.0	37.7	14.8	74.5	930
	12-14	100.0	100.0	97.2	82.8	59.0	34.2	20.0	12.4	5.5	56.8	930
	15-17	100.0	99.4	92.7	71.4	45.7	25.9	18.1	11.7	6.4	52.8	929
	18-20	100.0	100.0	98.4	93.7	77.7	53.9	35.4	19.1	9.5	64.7	930
	21-23	100.0	100.0	100.0	99.7	97.7	87.4	69.8	43.8	17.6	77.6	930
	TOTAL	100.0	99.9	98.5	93.3	84.2	72.2	60.1	40.1	22.6	73.5	7439

USAFETAC FORM AWS 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72326 MCGHEE TYSON AIRPORT TN 73-82 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.6	97.3	90.4	75.2	50.7	27.4	71.3	900
	03-05	100.0	100.0	100.0	99.8	98.2	95.2	82.4	63.8	25.9	62.3	900
	06-08	100.0	100.0	100.0	99.6	98.7	95.9	87.7	66.7	28.3	83.3	900
	09-11	100.0	100.0	99.7	98.7	94.2	79.6	58.1	33.3	12.9	73.5	900
	12-14	100.0	100.0	97.0	84.1	61.1	40.4	26.4	16.6	7.0	58.9	899
	15-17	100.0	100.0	92.2	72.2	50.4	36.7	25.7	17.1	6.8	55.7	900
	18-20	100.0	100.0	99.4	91.6	75.0	55.7	38.1	24.1	10.6	65.4	900
	21-23	100.0	100.0	100.0	98.8	93.1	80.4	58.8	36.1	16.9	74.4	897
TOTALS		100.0	100.0	98.5	93.0	83.5	71.8	56.6	38.5	16.1	71.6	7196

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72326? MCGHEE TYSON AIRPORT TN 7?-8? DEC

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.5	97.5	89.0	69.1	44.7	19.1	77.6	930
	03-05	100.0	100.0	100.0	100.0	98.8	93.3	77.6	53.5	22.8	[illegible].4	93?
	06-08	100.0	100.0	100.0	100.0	99.1	95.5	81.9	58.2	26.3	82.?	93?
	09-11	100.0	100.0	99.9	99.4	94.3	82.7	62.5	40.2	17.0	75.3	930
	12-14	100.0	99.9	98.3	89.6	7?.2	48.2	32.1	19.9	9.9	62.5	929
	15-17	100.0	100.0	95.5	79.4	58.1	40.9	28.6	17.5	7.7	58.4	93?
	18-20	100.0	100.0	99.9	94.5	8?.?	59.2	40.9	24.4	10.3	66.6	930
	21-23	100.0	100.0	100.0	98.2	93.?	78.9	57.?	33.4	13.7	73.3	930
TOTALS		100.0	100.0	99.2	95.1	86.4	73.5	56.2	36.5	15.9	72.?	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72326 MCGHEE TYSON AIRPORT TN 73-82 ALL

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.4	95.9	88.[illegible]	75.8	58.2	40.[illegible]	18.1	7[illegible].2	7439
FEB		100.0	99.9	97.5	89.6	78.3	65.7	47.7	29.7	13.[illegible]	67.8	6763
MAR		100.0	99.9	96.3	86.7	75.5	60.7	44.2	28.3	13.2	66.2	7487
APR		100.0	99.5	93.3	82.[illegible]	68.7	54.6	40.1	24.9	10.9	63.2	7197
MAY		100.0	100.0	98.7	93.7	84.9	73.3	60.4	44.4	23.2	73.8	7438
JUN		100.0	100.0	99.5	96.6	89.3	76.3	60.8	43.6	20.3	74.6	7196
JUL		100.0	100.0	99.9	98.5	91.1	77.2	62.1	45.[illegible]	20.4	75.2	7437
AUG		100.0	100.0	100.0	98.8	92.8	79.4	65.7	47.9	17.7	76.1	7431
SEP		100.0	100.0	99.8	97.9	91.5	81.6	69.1	52.2	24.4	77.7	7199
OCT		100.0	99.9	98.5	93.3	84.2	72.2	60.1	44.1	22.6	73.5	7439
NOV		100.0	100.0	98.5	93.[illegible]	83.5	71.8	56.6	38.5	16.1	71.6	7196
DEC		100.0	100.0	99.2	95.1	86.4	73.5	56.2	36.5	15.9	72.[illegible]	7439
TOTALS		100.0	99.9	98.4	93.4	84.5	71.8	56.8	39.7	18.0	72.1	87614

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

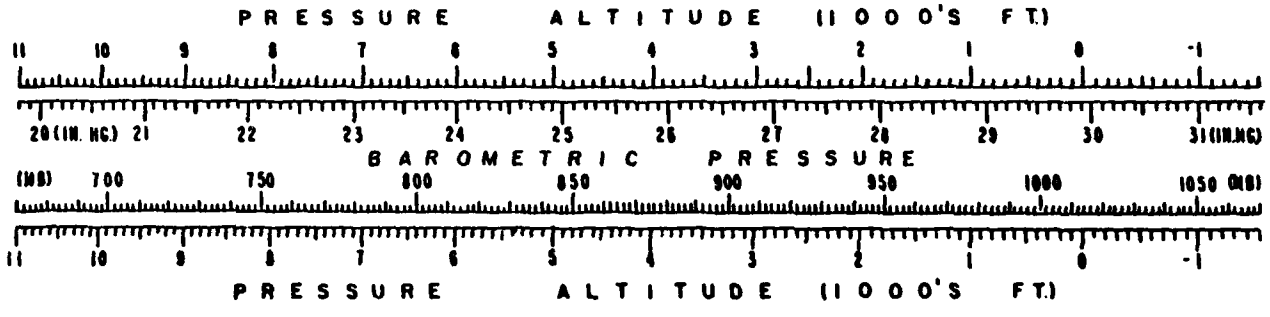
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

723267 MCGHEE TYSON AIRPORT TN 73-87
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	29.057	29.041	28.968	28.989	28.945	28.985	29.[illegible]15	29.039	29.022	29.[illegible]62	29.[illegible]78	29.[illegible]71	29.023
	S D	.202	.199	.191	.169	.117	.103	.083	.078	.105	.14[illegible]	.151	.199	.157
	TOTAL OBS	31[illegible].	282.	31[illegible].	300.	31[illegible].	300.	310.	310.	300.	31[illegible].	300.	31[illegible].	3652
04	MEAN	29.049	29.024	28.950	28.973	28.933	28.971	28.998	29.024	29.007	29.[illegible]53	29.[illegible]69	29.[illegible]63	29.009
	S D	.205	.205	.198	.175	.121	.103	.084	.080	.107	.14[illegible]	.155	.20[illegible]	.161
	TOTAL OBS	31[illegible].	282.	31[illegible].	300.	310.	300.	310.	310.	300.	310.	300.	310.	3652
07	MEAN	29.065	29.050	28.984	29.[illegible]14	28.972	29.[illegible]09	29.037	29.062	29.042	29.[illegible]88	29.[illegible]96	29.[illegible]83	29.042
	S D	.211	.206	.205	.184	.129	.106	.087	.084	.109	.152	.158	.21[illegible]	.165
	TOTAL OBS	31[illegible].	282.	310.	299.	310.	300.	310.	310.	300.	310.	300.	310.	3651
10	MEAN	29.092	29.071	29.[illegible]03	29.025	28.979	29.[illegible]15	29.[illegible]44	29.075	29.056	29.[illegible]04	29.[illegible]17	29.[illegible]04	29.057
	S D	.209	.209	.205	.186	.127	.108	.088	.085	.108	.156	.158	.21[illegible]	.166
	TOTAL OBS	309.	282.	31[illegible].	300.	310.	300.	309.	310.	300.	310.	300.	31[illegible].	3650
13	MEAN	29.064	29.052	28.984	29.004	28.962	28.999	29.[illegible]30	29.055	29.034	29.071	29.083	29.[illegible]70	29.034
	S D	.203	.210	.198	.177	.121	.108	.090	.082	.105	.150	.156	.20[illegible]	.161
	TOTAL OBS	31[illegible].	282.	310.	300.	310.	299.	309.	310.	299.	310.	300.	31[illegible].	3649
16	MEAN	29.023	29.001	28.931	28.951	28.914	28.950	28.981	29.000	28.981	29.023	29.040	29.[illegible]34	28.986
	S D	.201	.202	.186	.164	.114	.[illegible]72	.086	.082	.104	.143	.150	.194	.155
	TOTAL OBS	31[illegible].	281.	310.	300.	310.	299.	310.	310.	300.	309.	299.	31[illegible].	3648
19	MEAN	29.051	29.023	28.947	28.958	28.919	28.953	28.982	29.005	28.993	29.[illegible]43	29.063	29.[illegible]60	29.000
	S D	.205	.199	.181	.162	.111	.096	.082	.080	.104	.139	.152	.191	.159
	TOTAL OBS	31[illegible].	282.	310.	300.	310.	300.	310.	309.	300.	310.	300.	310.	3651
22	MEAN	29.057	29.032	28.966	28.982	28.940	28.976	29.005	29.031	29.010	29.059	29.069	29.064	29.016
	S D	.206	.195	.181	.164	.109	.096	.082	.076	.105	.137	.152	.192	.153
	TOTAL OBS	310.	282.	310.	299.	310.	300.	310.	309.	300.	310.	299.	31[illegible].	3649
ALL HOURS	MEAN	29.057	29.037	28.966	28.987	28.945	28.982	29.012	29.036	29.019	29.063	29.077	29.069	29.021
	S D	.207	.204	.194	.174	.121	.105	.088	.085	.108	.147	.155	.20[illegible]	.161
	TOTAL OBS	2879	2255	2880	2398	2880	2398	2878	2878	2390	2879	2398	2880	28203

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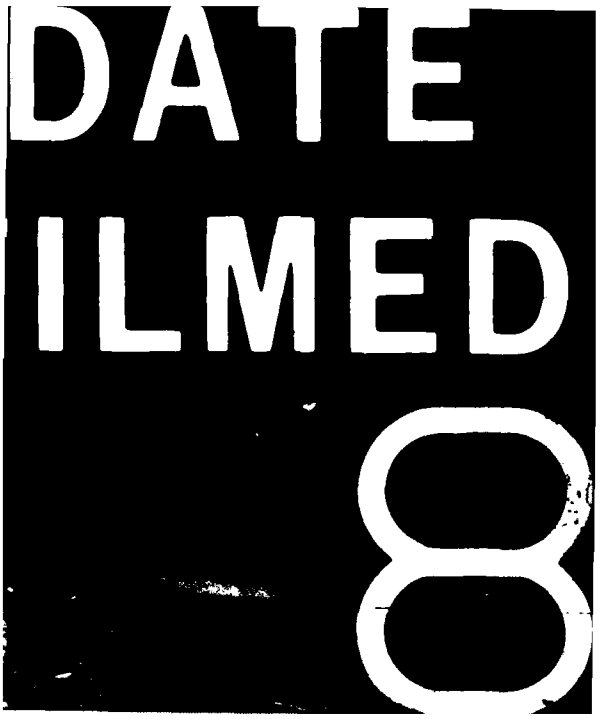
MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

723267 MCGHEE TYSON AIRPORT TN 73-63
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	MEAN	1020.0	1019.3	1016.3	1016.7	1014.9	1016.6	1016.9	1017.7	1017.4	1019.2	1020.2	1020.3	1017.9
	S D	7.407	7.221	6.810	5.963	4.061	3.546	2.927	2.764	3.751	5.057	5.494	7.152	5.774
	TOTAL OBS	310.	282.	310.	300.	310.	300.	310.	310.	300.	310.	300.	310.	3652
4	MEAN	1019.9	1018.9	1015.9	1016.4	1014.7	1015.8	1016.6	1017.5	1017.2	1019.2	1020.1	1020.3	1017.7
	S D	7.580	7.438	7.135	6.233	4.258	3.687	2.980	2.842	3.775	5.247	5.610	7.364	5.893
	TOTAL OBS	310.	282.	310.	300.	310.	300.	310.	310.	300.	310.	300.	310.	3652
7	MEAN	1020.4	1019.7	1016.9	1017.7	1015.9	1016.9	1017.7	1018.6	1018.2	1020.3	1021.0	1020.8	1018.7
	S D	7.638	7.591	7.324	6.518	4.479	3.740	3.067	2.965	3.878	5.539	5.762	7.511	5.986
	TOTAL OBS	310.	282.	310.	300.	310.	300.	310.	310.	300.	310.	300.	310.	3652
10	MEAN	1021.6	1020.7	1017.9	1018.3	1016.3	1017.4	1018.2	1019.4	1019.0	1021.2	1021.9	1021.8	1019.5
	S D	7.612	7.668	7.383	6.590	4.496	3.802	3.120	2.993	3.886	5.555	5.819	7.657	6.088
	TOTAL OBS	310.	282.	310.	300.	310.	300.	309.	310.	300.	310.	300.	310.	3651
13	MEAN	1020.2	1019.6	1016.8	1017.2	1015.4	1016.5	1017.5	1018.3	1017.8	1019.6	1020.3	1020.2	1018.3
	S D	7.393	7.663	7.049	6.249	4.240	3.732	3.148	2.924	3.692	5.388	5.587	7.404	5.847
	TOTAL OBS	310.	282.	310.	300.	310.	300.	310.	310.	300.	310.	300.	310.	3652
16	MEAN	1019.1	1018.0	1015.2	1015.6	1014.0	1015.1	1016.0	1016.6	1016.2	1018.2	1019.1	1019.3	1016.9
	S D	7.252	7.366	6.629	5.792	4.021	3.634	3.030	2.888	3.688	5.138	5.432	6.985	5.649
	TOTAL OBS	310.	281.	310.	300.	310.	299.	310.	310.	300.	309.	299.	310.	3648
19	MEAN	1019.8	1018.7	1015.6	1015.7	1014.0	1015.0	1015.8	1016.6	1016.4	1018.8	1019.7	1020.0	1017.2
	S D	7.433	7.138	6.484	5.693	3.847	3.397	2.937	2.804	3.685	5.025	5.464	6.883	5.678
	TOTAL OBS	310.	282.	310.	300.	310.	300.	310.	309.	300.	310.	300.	310.	3651
22	MEAN	1020.5	1019.3	1016.6	1016.8	1015.0	1016.0	1016.9	1017.8	1017.5	1019.6	1020.2	1020.5	1018.0
	S D	7.370	7.125	6.540	5.824	3.881	3.401	2.901	2.674	3.758	4.980	5.532	6.911	5.618
	TOTAL OBS	310.	282.	310.	299.	310.	300.	310.	309.	300.	310.	299.	310.	3649
ALL HOURS	MEAN	1020.2	1019.3	1016.4	1016.8	1015.0	1016.1	1016.9	1017.8	1017.5	1019.5	1020.3	1020.4	1018.0
	S D	7.481	7.430	6.961	6.170	4.234	3.696	3.111	2.991	3.853	5.307	5.636	7.260	5.861
	TOTAL OBS	2480	2255	2480	2399	2480	2399	2479	2478	2400	2479	2398	2480	29207

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