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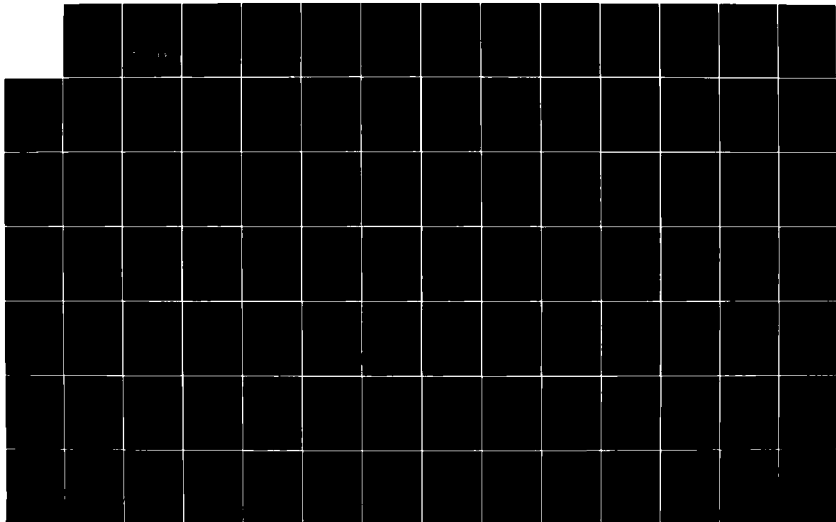
SCHWABISCH HALL WEST GERMANY LIMITED SURFACE
OBSERVATIONS CLIMATIC SUMMA. (U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
25 JAN 84 USAFETAC/DS-84/004

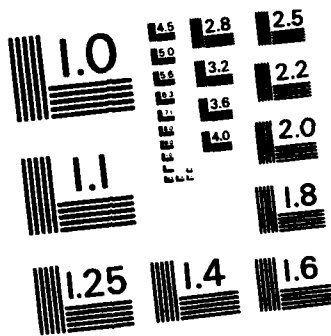
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

DL 107450

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USAFETAC/DS-84/004

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USAFETAC
Air Weather Service (MAC)**

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27 JAN 1984

**"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"**

SCHWABISCH HALL DL M30 #107450
N 49 07 E 009 47 ELEV 1311 FT EDCI

PARTS A-F HOURS SUMMARIZED: 0500Z - 2000Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JUN 73 - MAY 83
SUMMARY OF DAY DATA: NONE

TIME CONVERSION GMT TO LST: +1

25 JAN 1984

DISSEMINATION STATEMENT A
Approved for public release
Distribution Unlimited

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REVIEW AND APPROVAL STATEMENT

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

Wayne E. McCollom

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

FOR THE COMMANDER

Walter S. Burmann

WALTER S. BURGMANN
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 84/004	2. GOVT ACCESSION NO. AD A140242	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Limited Surface Observations Climatic Summary (LISOCs) - SCHWABEBISCH HALL, GERMANY (WEST)		5. TYPE OF REPORT & PERIOD COVERED Final Rept
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/TS Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE JAN 84
		13. NUMBER OF PAGES 120
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16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES Limited-duty weather observation site.		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*LISOCs	Climatology	Weather conditions
*RUSSWO	Surface winds	Relative humidity
*Climatological data	Sea-level pressure	Station pressure
Psychrometric summary	Atmospheric pressure	Ceiling versus Visibility
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is similar to a Revised Uniform Summary of Surface Weather Observations (RUSSWO) except the summary generated is from data observed at limited-duty observation sites. This summary is blocked based on the normal hours of observation and only those tables using hourly data are presented. Caution must be exercised when using these summaries as the data reflect conditions occurring only during limited duty hours of operation. This report is a five-part statistical summary of surface weather observations for Schwabebisch Hall, Germany (West).		

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

*GERMANY (WEST) *WEST GERMANY *GERMANY *SCHWABISCH HALL *DL107450
*SCHWAEBISCH HALL

20. It contains the following parts: (A) Weather Conditions; (C) Surface Winds; (D) Ceiling Versus Visibility; (E) Psychrometric Summaries (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 and/or sea-level pressure). Summaries in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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

USAFETAC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES (LISOCs)
HOURLY OBSERVATIONS

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

SUMMARY OF THE DAY OBSERVATIONS

Summary of the day observations are selected from all data recorded on reporting forms and combined into these observations (records, record-specials, locals, summary of day, remarks, etc.).

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the LISOCs and the manner of presentation. Tabulations are prepared from observations recorded by stations operated by the US Services and some foreign stations using similar reporting practices.

Unless otherwise noted, the following summaries are included in this LISOCs:

PART A: WEATHER CONDITIONS

PART B: NO OR INSUFFICIENT
DATA AVAILABLE*

PART C: SURFACE WINDS

PART D: CEILING VERSUS VISIBILITY

SKY COVER DATA NOT AVAILABLE

*PRECIPITATION, SNOWFALL AND SNOW DEPTH

PART E: DAILY HIGH, LOW, AND MEAN TEMPERATURES

MAX HIGH AND MIN LOW TEMPERATURES

PSYCHROMETRIC: DRY VS WET BULB

MEAN AND STD DEV. (DRY BULB, WET BULB,
AND DEW POINT TEMPERATURES)

RELATIVE HUMIDITY

PART F: STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

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 local standard time (LST).

STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV (FT)		CALL SIGN		RND NUMBER	
107450		SCHWABEBISCH HALL AAF GERMANY		N 49 07		E 009 47		1311		EDOP		10745	
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 BARD.					
1	Schwabebisch Hall Germany	AAF	Mar 62	Mar 63	N 49 07	E 009 47	1305	N/A	13				
2	Same	Same	Apr 63	May 67	Same	Same	1318	1371 ft	14				
3	Same	Same	Jun 67	Mar 70	Same	Same	1315	Same	14				
4	Same	Same	Apr 70	Mar 71	Same	Same	1305	Same	17				
5	Same	Same	Apr 71	Feb 79	Same	Same	Same	1377 ft	17				
6	Same	Same	Mar 79	Dec 83	Same	Same	1311	1379 ft	17				
SURFACE WIND EQUIPMENT INFORMATION													
NUMBER OF LOCATION	DATE OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
1	Mar 62	Located atop the tower.	GMQ-11	N/A	80 ft								
2	Mar 63	Located on top of control tower.	Same	Same	92 ft								
3	Apr 64	Same	Same	Same	82 ft								
4	Jun 67	Same	Same	Same	94 ft								
5	Apr 70	Located atop ROS	Same	Same	75 ft								
6	Apr 71	Same	GMQ-20	RO-362	13 ft								
7	Feb 79	Same	Same	Same	Same								
8	Dec 83	Same	Same	Same	Same								

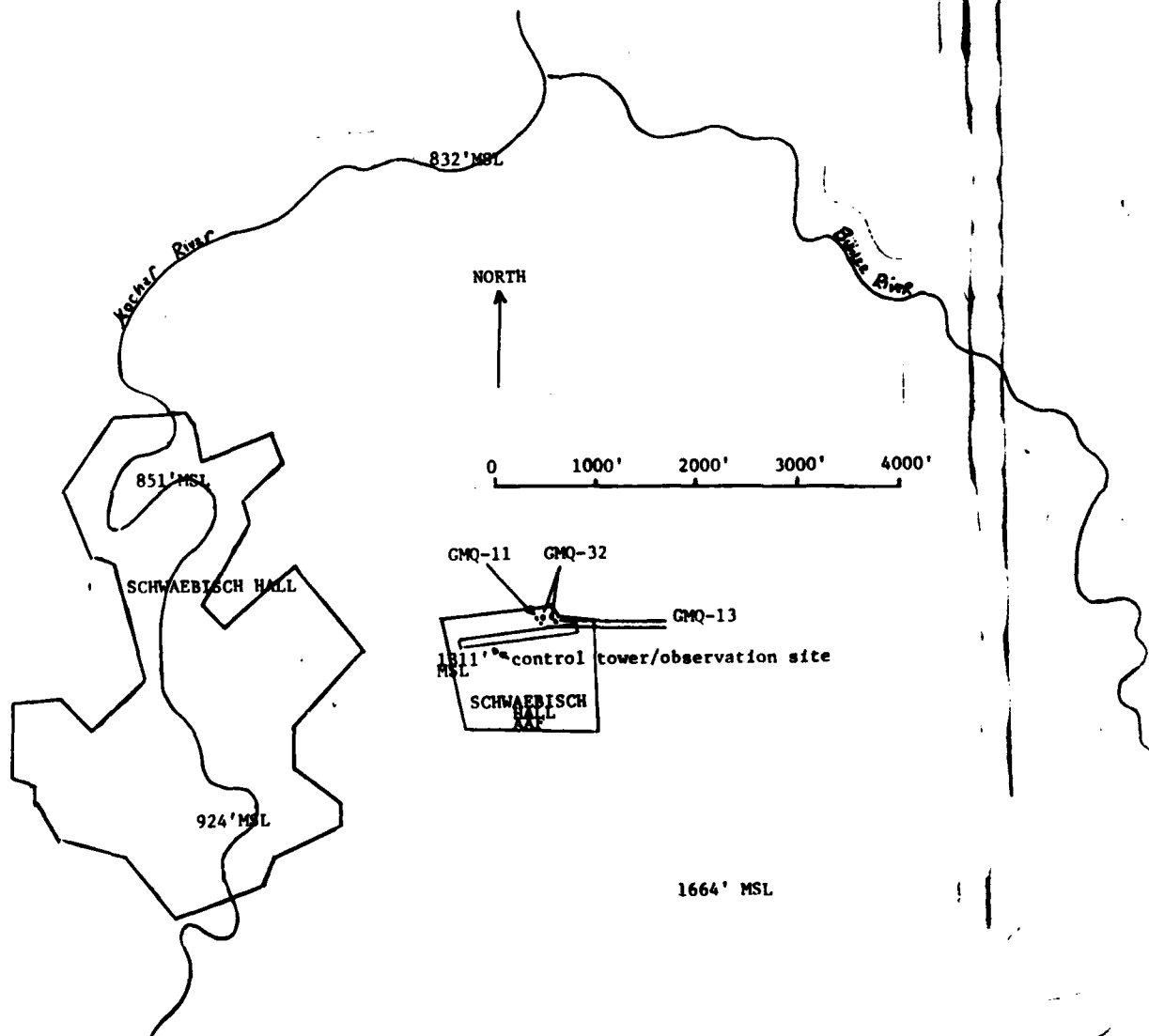
USAFETAC

FORM NOV 73

O-19 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1-7450 SOPA BISCH HALL AAF DL 74-82 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	HALE	% 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
J	00-02												
	03-05												
	06-08	.2	14.2	.8	15.7		28.6	43.1	.5			43.6	612
	09-11		16.2	.8	14.9		30.0	34.3	3.7			37.9	630
	12-14		16.5	.3	14.2		29.7	24.1	9.7			33.7	632
	15-17		17.1	.5	11.7		28.3	21.3	9.9			31.2	625
	18-20		16.6	.7	12.5		28.0	39.4	6.2			45.6	561
	21-23		11.4	1.0	13.3		25.7	50.5	4.8			55.2	105
TOTALS		.2	15.3	.7	13.7		28.4	35.5	5.8			41.2	3165

OFFICE OF METEOROLOGY BRANCH
AFETAC
AF WEATHER SERVICE/AFAC

WEATHER CONDITIONS

1 400 00 AEBIRCH HALL AAF DL 74-87 YEARS 00 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	HAIR	% 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	0-0												
	03-0												
	6-0		1.0	.5	12.9		25.0	46.5	2.5			49.0	565
	9-11		9.4	.2	14.6		23.1	37.3	7.5			44.7	577
	12-14		9.4	.5	14.8	.2	21.6	21.3	16.1			37.3	573
	15-17		11.9		9.5		19.5	19.4	16.2			35.6	568
	18-2		8.9		11.0		18.6	33.9	9.3			43.2	537
	1-23		8.8	1.0	12.7		22.5	39.2	1.0			40.0	102
TOTALS			10.1	.4	12.6	.0	21.7	32.9	8.8			41.7	2922

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 A WEATHER SERVICE/AC

WEATHER CONDITIONS

1 4 74 SCHAEBSCH HALL AAF DL 74-ET MAE
 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
MA	00-0												
	01-0												
	06-0		23.6		7.2		27.4	36.7	.9			37.6	643
	09-11		17.1		6.9		23.5	22.9	10.6			33.5	663
	12-14		11.6		5.0		16.3	15.9	14.2			25.0	663
	15-17	.6	13.3		3.9		16.3	7.7	10.6			16.3	649
	18-2	.3	15.4	.2	2.9		18.0	16.0	9.9			25.9	617
	1-23		16.9		.8		17.7	24.2	5.6			29.8	124
TOTALS		.2	10.3	.0	4.8		19.9	19.7	8.6			28.4	3359

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/AL

WEATHER CONDITIONS

1 74-67 SCHAEFELSHALL AAF DL 74-67 APR MONTH
STATION STATION NAME YEARS

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	HAIR	% 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	00-01												
	2-03												
	04-05		13.9		5.5		17.4	32.6	7.1			39.8	616
	6-1		13.1		5.6		16.6	11.3	10.7			22.0	627
	1-14		13.7		4.9	.2	16.7	2.9	7.5			10.4	627
	15-17	.7	15.3		2.9		16.9	1.5	4.9			6.4	614
	18-20	1.0	17.3		1.2		17.3	4.4	5.8			11.2	588
	21-23	.9	20.5		2.7		21.4	10.7	10.7			21.4	112
TOTALS		.4	15.6		3.8	.0	17.7	10.6	7.8			18.4	3184

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ AC

WEATHER CONDITIONS

1 MAY 74-83
STATION SCHAEFELICH HALL AAF DL YEARS MONTH
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	01-02												
	03-05												
	06-08	.3	17.7		.3		17.9	26.5	2.3			28.9	603
	09-11	.5	15.2		.2		15.2	7.1	4.8			12.0	619
	12-14	.5	14.9		.5		15.4	2.6	4.4			7.0	618
	15-17	2.9	15.3		.2		15.5	1.5	3.4			4.9	594
	18-20	1.5	12.6				12.6	4.0	1.5			5.5	549
	21-23	1.9	17.9				17.9	6.6	1.9			8.5	106
TOTALS		1.3	15.6		.2		15.8	8.1	3.1			11.1	3089

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/PAC

WEATHER CONDITIONS

1450 STATION SCHAEBIJCH ALL AAF DL 73-82 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	0-02												
	3-05												
	6-08	.8	12.1				12.1	28.5	4.9			33.4	611
	9-11	.3	8.3				8.3	8.2	9.1			17.3	624
	12-14	1.9	9.9			.2	10.1	1.6	6.4			8.0	624
	15-17	2.9	11.2				11.2	1.3	4.1			5.4	615
	18-20	3.2	12.7				12.7	3.5	2.6			6.2	567
	21-23	2.2	14.6				14.6	10.1	2.2			12.4	89
TOTALS		1.9	11.5			.0	11.5	8.9	4.9			13.8	3130

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

WEATHER CONDITIONS

1 1450
STATION

SCF AEBI CH HALL AAF DL
STATION NAME

73-87
YEARS

JUL
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
JUL	0-3												
	04-07												
	08-11	.3	13.0				13.0	28.3	4.0			32.3	625
	12-15	.3	14.1				14.1	6.5	8.7			15.2	632
	16-19	1.3	12.8				12.8	3.3	3.6			7.0	632
	20-23	2.9	10.0			.2	10.0	3.1	3.1			6.1	620
	24-27	1.0	8.8				8.8	2.9	3.4			6.2	592
	28-31	1.0	8.3				8.3	7.3	4.2			11.5	96
TOTALS		1.1	11.3			.0	11.3	8.6	4.5			13.1	3197

CENTRAL CLIMATOLOGY BRANCH
 WAFETA
 AIR FATHER SERVICE/MAC

WEATHER CONDITIONS

1 7457 SCHAEFISCH HALL AAF DL 73-82 AUG
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% 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	00-05												
	06-11												
	12-17	.2	10.9				10.9	41.9	3.2			45.1	658
	18-23	.2	8.5				8.5	14.5	13.6			26.1	662
	24-29	.5	7.5				7.5	4.2	10.7			14.9	663
	30-31	2.4	9.4			.2	9.6	1.8	11.5			13.4	659
	1-5	2.5	7.6				7.6	4.9	13.1			18.0	634
	6-10	1.9	8.4				8.4	15.9	10.3			26.2	107
	11-15												
	16-20												
	21-25												
	26-30												
TOTALS		1.3	8.7			.0	8.8	13.9	10.4			24.3	3383

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAL

WEATHER CONDITIONS

17457
STATION

SCHWABEBISCH HALL AAF DL
STATION NAME

73-82

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
LP	00-01												
	02-03												
	04-05												
	06-07	.2	9.7				9.7	55.5	2.2			57.8	578
	08-09	.5	9.5				9.5	29.6	13.8			43.4	624
	10-11	.3	7.9				7.9	5.9	16.0			22.0	624
	12-13	.7	8.7				8.7	2.4	10.9			13.3	578
	14-15	.8	11.5				11.5	10.3	16.0			26.3	494
	16-17		9.5				9.5	31.7	25.4			57.1	63
	18-19												
	20-21												
	22-23												
TOTALS		.4	9.5				9.5	22.6	14.1			36.7	2961

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/AFAC

WEATHER CONDITIONS

1 1950
 STATION

SCHAEFELT HALL AAF DL
 STATION NAME

73-87

YEARS

OCT
 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
OCT	0-02												
	3-05												
	06-08		16.8		.6		17.4	52.4	.9			53.3	643
	09-11		17.0		.6		18.5	35.6	6.8			42.4	648
	12-14		16.7		.5		17.8	16.4	9.1			25.5	648
	15-17	.2	14.3		.3		14.3	13.7	12.1			25.8	644
	18-2	.3	16.5		.6		16.7	33.2	7.4			40.5	624
	21-23	.9	14.7				14.7	41.3	8.3			49.5	109
TOTALS		.2	16.2		.4		16.4	32.1	7.4			39.5	3316

GENERAL CLIMATOLOGY BRANCH
USAF TAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 7457 SCHAEBISCH HALL AAF DL 73-82 NGV
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
NOV	00-01												
	02-03												
	04-05		16.3	.2	10.9		26.5	39.1				39.1	558
	06-07		16.7	.2	12.2		28.2	30.3	1.8			32.1	564
	08-09	.2	16.8	.2	8.3		23.3	20.7	6.9			27.6	566
	10-11	.2	13.7		7.2		19.5	22.4	7.4	.2		30.0	554
	12-13		12.6	.6	7.5	.2	19.7	36.8	3.4			40.2	532
	14-15		14.4		8.7		21.2	42.3	2.9			45.2	104
	16-17												
	18-19												
	20-21												
	22-23												
TOTALS		.1	15.1	.2	9.1	.0	23.1	31.9	3.7	.0		35.7	2070

GLOBAL CLIMATOLOGY BRANCH
LA ETAC
AIR WEATHER SERVICE /MAC

WEATHER CONDITIONS

1 7450 SCHAEFELICH HALL AAF DL 73-82 DEC
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	HALE	% 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
D C	00-02												
	03-05												
	06-08	.2	15.2	.9	12.8		28.4	36.1	1.3			37.4	545
	09-11		13.4	1.3	12.3		30.7	28.4	1.6			30.2	609
	12-14		20.6	.7	9.8		30.5	23.1	4.3			27.4	603
	15-17	.2	18.6	.5	11.1		29.7	23.6	4.2			27.8	569
	18-20		13.8		16.7		32.9	31.6	1.6			33.4	377
	21-23		15.8	1.3	14.5		28.9	31.6	1.3			32.9	76
TOTALS		.1	17.9	.8	12.9		30.2	29.1	2.4			31.5	2779

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

WEATHER CONDITIONS

1960 SCHAEFELSHALL AAF IL 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	.0	15.3	.7	13.7		28.4	35.5	5.8			41.2	3165
FEB			15.1	.4	12.6	.0	21.7	32.9	8.8			41.7	2922
MAR		.2	16.3	.1	4.8		19.9	19.7	8.6			29.4	3359
APR		.4	15.6		3.8	.0	17.7	10.6	7.8			19.4	3184
MAY		1.3	15.6		.2		15.8	8.1	3.1			11.1	3189
JUN		1.9	11.5			.0	11.5	6.9	4.9			13.8	3130
JUL		1.1	11.3			.0	11.3	8.6	4.5			13.1	3197
AUG		1.3	8.7			.0	8.8	13.9	10.4			24.3	3363
SEP		.4	9.5				9.5	22.6	14.1			36.7	2961
OCT		.2	10.2		.4		16.4	32.1	7.4			39.5	3316
NOV		.1	15.1	.2	9.1	.0	23.1	31.9	3.7	.0		35.7	2878
DEC		.1	17.9	.8	12.9		30.2	29.1	2.4			31.5	2779
TOTALS		.6	13.6	.2	4.8	.0	17.9	21.2	6.8	.0		28.0	37363

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

DATA NOT AVAILABLE

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 1420 SCHWABISCH HALL AAF DL STATION NAME 74-83 YEARS JAN
DATE 0600-0800
MOON (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.2									.5	4.7
NNE													
NE	.2	1.0	.5									1.6	5.9
ENE	1.0	1.3	1.0									3.3	5.3
E	4.6	3.6	2.1									10.3	4.4
ESE	2.5	2.5	.8	.3								6.0	4.8
SE	1.5	.7	.2									2.3	3.4
SSE	.3		.2									.5	3.7
S	.5	.3	.3									1.1	4.6
SSW	.7	2.1	1.6	.2								4.6	5.7
SW	2.0	2.5	2.5									6.9	5.5
WSW	2.3	6.4	3.3	1.5								14.4	6.1
W	1.5	2.1	4.2	5.1	2.3	1.1	.5					16.3	12.2
WNW	1.1	.7	1.0	1.3	.5							4.6	9.1
NW	.3	.3	.2									.8	4.8
NNW	.7	.3	.3									1.3	4.4
VARBL			.8	1.1	.3							2.3	12.6
CALM												23.2	
	20.1	23.7	19.1	9.5	2.8	1.1	.5					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 612

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1450 SCHWABISCH HALL AAF DL 74-83 JAN
STATION MONTH
ALL WEATHER 0900-1100
CLASS 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	.0											.5	2.3
NNE		.0	.3									.5	6.7
NE	.3	.0	.2									1.3	4.5
ENE	.0	.5	.8	.3								2.4	5.7
E	5.4	3.8	1.3	.6								11.1	4.5
ESE	1.0	4.0	1.4	.6								7.9	5.3
SE	1.1	.0	.6	.2								2.7	4.8
SSE	.3	.5										.8	3.8
S	1.0	.6	.5	.2								2.2	5.6
SSW	1.1	2.1	1.0	.2								4.3	5.3
SW	0.1	4.0	3.2	.6								9.8	6.0
WSW	2.4	4.6	4.4	2.2	.3							14.0	7.2
W	.0	1.3	4.8	5.1	2.1	.8	.2					14.8	12.4
WNW		1.1	1.0	1.6	.2							3.8	10.8
NW		.0		.2								.8	6.8
NNW		.0	.2									1.0	5.5
VARBL			1.0	.5		.2						2.4	10.6
CALM												19.8	
	17.5	25.6	21.3	12.2	2.5	1.0	.2					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 630

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 1450 SCHAEFELICH HALL AAF DL STATION NAME 74-83 YEARS MONTH JAN
CLASS ALL WEATHER 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.3										1.3	4.5
NE	.3	.3	.2									1.3	4.6
ENE	.3	1.1	1.6									3.3	6.2
E	4.3	3.7	1.6	.5								9.7	9.8
ESE	1.2	2.5	2.5	.8								7.8	6.2
SE	.3	1.7	.3									2.4	5.2
SSE	.3	.2										.3	3.3
S	.3	.3	.5									1.3	5.3
SSW	.3	1.7	1.9	.2								4.4	6.6
SW	1.9	2.8	3.7	.5								6.2	5.9
WSW	2.5	2.5	6.0	3.8	.2	.2						15.2	8.3
W	.5	1.3	4.3	4.6	1.9	.9	.2					13.9	12.4
WNW	.6	1.9	3.0	1.1	.3							7.6	8.2
NW	1.1	.5	.2									1.7	3.6
NNW	1.1	.5	.2									1.7	3.6
VARBL			1.6	2.2	.5							4.3	12.0
CALM												16.1	
	17.6	21.2	27.4	13.6	2.8	1.1	.2					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 632

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 1 45.1 SCHWAEBISCH HALL AAF DL STATION NAME 74-83 YEARS JAN MONTH 1500-1700 HOURS (LST)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2										.5	2.3
NNE	.5		.2									.6	3.0
NE	.5	1.1	.8									2.4	5.2
ENE	1.1	2.1	1.1									4.3	5.1
E	.1	3.2	1.9	.5								10.7	4.5
ESE	1.3	3.1	1.8	.2								6.2	5.7
SE	.2	2.6	1.0									4.3	5.1
SSE	.2	.5										1.3	3.3
S	.5	.3	.2									1.1	3.6
SSW	1.3	1.8	1.0									4.0	4.9
SW	.5	2.7	3.0	.6								6.9	7.0
WSW	1.5	4.3	3.4	1.9	.2							11.4	7.4
W	.8	3.7	6.4	6.4	2.6	.8						20.0	11.2
WNW	1.1	.5	1.1	.5								3.2	6.4
NW	1.3	.5	.2									1.9	3.9
NNW	1.5	.5										2.1	3.4
VARBL			1.3	1.9	.3	.2						3.7	12.4
CALM												15.4	
	15.9	26.6	23.2	12.0	3.0	1.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 625

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17452 STATION NAME SCHLAEBIGCH HALL AAF DL YEARS 74-83 MONTH JAN
CLASS ALL WEATHER 1800-2000
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.4										.9	2.8
NNE	.5		.5									1.1	5.0
NE	.5	.5	.2									1.6	9.7
ENE	2.1	2.1	.4									4.6	3.7
E	3.4	4.1	1.8	.7	.2							10.2	5.3
ESE	1.6	2.3	1.2									5.2	5.2
SE	1.1	.5	.9									2.5	5.1
SSE		.5	.7									1.2	6.9
S	.4	.2	.2									1.4	9.1
SSW	.7	3.4	1.4									5.5	5.5
SW	2.3	2.1	1.8	.5								6.8	5.9
WSW	1.1	4.3	5.2	2.1	.7							13.4	8.3
W	.4	3.7	4.6	4.5	2.3	.9						15.7	11.6
WNW	.9	.5	.9	1.1								3.9	7.9
NW	.2											.2	3.0
NNW	.2											.2	3.0
VARBL			1.1	1.2	.4							2.7	12.0
CALM												23.5	
	15.9	25.1	20.9	10.2	3.6	.9						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 561

CLIPAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 7459 SCHWABISCH HALL AAF DL 77-83
STATION STATION NAME YEARS
ALL WEATHER
CLASS
2100-2300
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7											1.9	1.5
NNE		1.0										1.2	4.0
NE	1.9	1.0										2.9	2.7
ENE	1.9	4.8	1.0									7.6	4.0
E	3.8	4.8	1.0	1.0								10.5	4.9
ESE	2.9	2.9										5.7	3.8
SE	1.0		1.9									2.9	6.0
SSE		1.7										1.0	4.0
S	1.0		1.0									1.9	5.5
SSW	1.7	1.9	1.9	1.0								5.7	6.8
SW		1.0	1.9	1.0								4.8	8.2
WSW	1.9	4.8	4.8	1.0								12.4	6.2
W	1.9	1.9	3.8	3.8	1.0							12.4	9.8
WNW				1.9	1.0							2.9	15.0
NW													
NNW			1.0									1.0	7.0
VARBL				1.0	1.0							1.9	16.5
CALM												23.8	
	19.7	25.7	18.1	10.5	2.9							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 105

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

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

SURFACE WINDS

1 7450 SCHWABISCH HALL AAF DL 74-83
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
JAN
MONTH
ALL
MONTH (L.E.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	.7	.1	.2									.5	2.8
NNE	.3	.1	.2									.5	4.7
NE	.4	.9	.3									1.7	4.9
ENE	1.1	1.5	1.7	.1								3.7	5.0
E	4.5	3.6	1.7	.5	.0							10.4	4.7
ESE	1.2	2.9	1.5	.4								6.6	5.4
SE	.9	1.2	.6	.0								2.8	4.8
SSE	.3	.3	.2									.9	4.3
S	.7	.5	.3	.0								1.5	4.8
SSW	.9	2.2	1.4	.1								4.6	5.7
SW	1.7	2.8	2.7	.5								7.6	6.1
WSW	2.2	4.4	4.5	2.3	.3	.2						13.6	7.4
W	.9	2.1	4.8	5.1	2.1	.9	.2					16.0	11.9
WNW	.7	.9	1.5	1.1	.2							4.5	8.6
NW	.5	.4	.1	.0								1.1	4.4
NNW	.7	.4	.2									1.3	4.1
VARBL			1.3	1.4	.3	.1						3.0	12.1
CALM												19.7	
	19.0	24.5	22.3	11.5	2.9	1.0	.2					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 3165

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/PAC

SURFACE WINDS

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

17450 SCHWAEBISCH HALL AAF DL 74-83 FEB
STATION STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
0600-2000
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 - 53	≥ 54	%	MEAN WIND SPEED
N	.5											.5	2.7
NNE	1.1	.4	.2									1.6	3.2
NE	.5	.9	1.8									3.2	6.5
ENE	1.4	2.7	2.3	.2								6.5	5.6
E	5.2	6.7	3.7	1.8								18.4	5.5
ESE	2.1	2.7	.7	.2								5.7	4.5
SE	.2	.2										1.1	4.3
SSE	.2											.2	2.0
S			.4									.4	9.5
SSW	.5	1.8	.7	.2								3.2	5.5
SW	.9	2.8	1.9	.7								6.4	6.6
WSW	.5	1.2	4.1	1.4	.2							7.4	8.3
W	.2	2.3	2.3	1.2								6.0	8.0
WNW	.7	.9	1.2	.2								3.0	5.8
NW	.5		.2									.7	3.3
NNW	.4	.2										.5	3.7
VARBL			.5	.2	.4							1.1	14.0
CALM												34.2	
	15.9	23.4	20.0	6.0	.5							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 565

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 1950 STATION NAME SCHAEFISCH HALL AAF DL YEARS 74-83 FEB MONTH
ALL WEATHER CLIM
CONDITION
8900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.3										1.2	2.9
NNE	.2	.3										1.4	3.1
NE	1.4	1.9	1.9									5.2	5.6
ENE	1.4	2.1	1.9	.2								5.5	5.8
E	5.7	5.9	6.1	1.9	.2							19.8	6.1
ESE	1.9	3.3	2.9	.9								9.0	6.2
SE		1.6	.3									1.9	5.6
SSE		.7										.7	4.8
S	.7	.2	.3									.9	5.6
SSW	.2	2.3	1.2	.2								3.8	6.5
SW	.5	1.7	1.9	.7								4.9	6.9
WSW	.9	1.7	4.5	1.7	.3							9.2	8.6
W	.7	1.9	3.3	1.0	.5	.2						7.6	8.8
WNW	.5	.3	.7	.3	.5							2.4	9.7
NW	.2			.2								.3	7.5
NNW	.5	.2	.3									1.0	5.0
VARBL			1.4	.9								2.3	10.2
CALM												22.9	
	15.9	24.6	26.9	8.0	1.6	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 577

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 7450 SCHWAEBISCH HALL AAF DL 74-83 YEARS FFR
STATION STATION NAME MONTHS
ALL WEATHER
CLASS
CONDITION
1200-1800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.3	.2									2.3	2.8
NNE	1.7	1.0	.2									3.0	3.2
NE	1.0	2.4	1.6									5.1	5.4
ENE	1.9	2.8	1.6	.3								6.6	5.2
E	3.1	5.7	7.2	2.1								21.1	6.5
ESE	1.4	3.0	1.6	1.0								7.0	6.7
SE	.5	.5	.9									1.9	5.7
SSE	.5	.7	.9									2.1	5.4
S		.2	.2									.3	5.5
SSW	.5	1.2	.9									2.6	5.5
SW	1.0	2.1	1.9	1.0	.2							6.3	7.3
WSW	1.0	1.4	3.3	2.3	.3							8.4	9.1
W	.3	1.0	3.7	3.0	.3							9.2	9.6
WNW	.5	.7	2.3	.5								4.0	7.7
NW	.7	.7	.2									1.6	3.7
NNW	1.0	.3										1.4	2.6
VARBL			2.8	2.1	.2							5.1	10.8
CALM												12.0	
	17.3	28.1	29.1	12.4	1.0							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

SURFACE WINDS

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

1450 STATION SCHWAEBISCH HALL AAF DL 74-83 YEARS FEB MONTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.9										2.6	3.0
NNE	.7	1.0	.5									3.0	4.8
NE	1.8	2.3	2.5	.4								6.9	5.8
ENE	2.6	4.6	2.1	.5								9.9	5.2
E	2.6	6.0	6.5	.9								16.0	6.2
ESE	1.1	3.0	1.4	1.2								6.7	6.8
SE	.4	1.1	.9									2.3	5.7
SSE	.4	.7										1.1	3.5
S	.5	.9	.4	.2								1.9	5.6
SSW	.2											.2	1.0
SW	.7	1.6	1.6	.2								3.5	6.8
WSW	1.1	1.6	4.8	2.6	.4	.2						10.6	9.4
W	.9	2.5	3.2	2.6	.5							9.7	9.1
WNW	1.2	1.3	.5	.9								4.4	6.2
NW	1.1	1.1										2.1	3.6
NNW	1.4	.7										2.3	3.2
VARBL			2.5	.5								3.0	9.4
CALM												13.9	
	13.0	30.3	26.8	10.0	.9	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 568

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 1452 SCHLAEBISCH HALL AAF DL 74-83 FEE
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLIM
CONDITION
1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2										.7	2.5
NNE	.7	1.1	.6									2.4	4.6
NE	.7	1.7	.7	.2								4.7	4.7
ENE	2.4	2.0	1.5	1.1								7.8	5.7
E	6.3	7.4	2.2	.7								16.4	4.6
ESE	1.7	3.4	.6									5.4	4.4
SE	1.1	.7	.2									2.0	3.6
SSE	.4	.4										.7	3.3
S	.7	.6	.2									1.5	3.8
SSW	1.1	.4	.9									2.4	5.1
SW	1.5	1.3	2.6	.4								5.8	6.2
WSW	1.3	1.7	1.7	1.7	.2							6.5	7.8
W	1.1	1.9	3.1	1.3	.4							7.6	7.9
WNW	.6	.4	.6	.2	.2							1.9	7.0
NW		.2										.2	6.0
NNW	.6	.2										.7	2.3
VARBL			.7	.2	.6							1.5	12.4
CALM												31.7	
	21.6	24.2	15.5	5.8	1.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 537

U. S. AIR FORCE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE / PAC

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

SURFACE WINDS

1 7450 SCHAEFELISCH HALL AAF DL 77-83 FEB
STATION MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L. S. T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE	1.0	2.0		1.0								3.9	5.5
ENE	2.0	2.0										4.9	3.0
E	9.8	1.8	1.0									21.6	3.8
ESE	5.0	2.9	1.0									9.8	3.2
SE	1.0											1.0	3.0
SSE	1.0	1.0										2.0	4.5
S		1.0										1.0	5.0
SSW	1.0		1.0									2.0	5.0
SW			2.0									2.0	6.0
WSW	1.0	4.0	2.9	3.9								12.7	8.3
W	1.0	2.0	2.0	2.9								7.8	8.1
WNW													
NW	1.0	1.0										2.0	3.5
NNW													
VARBL			2.0									2.0	9.0
CALM												27.5	
	25.5	27.5	11.8	7.8								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 102

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 74-83 STATION SCHLAEBISCH HALL AAF DL YEARS 74-83 FEE MONTHS ALL HOURS (L.S.T.)
ALL WEATHER CLAS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.3	.0									1.4	2.8
NNE	1.0	.9	.3									2.2	3.9
NE	1.3	1.0	1.6	.1								5.3	5.6
ENE	2.0	2.9	1.8	.4								7.2	5.4
E	4.0	7.1	5.0	1.4	.0							18.5	5.8
ESE	1.7	3.0	1.4	.7								6.9	5.7
SE	.4	.0	.4									1.8	5.1
SSE	.0	.5	.2									1.0	4.4
S	.7	.4	.3	.0								1.0	5.3
SSW	.0	1.1	.8	.1								2.4	5.7
SW	.0	1.9	2.0	.6	.0							5.2	6.8
WSW	1.1	1.6	3.7	2.0	.3	.0						8.6	8.7
W	.7	2.1	3.0	1.9	.3	.7						8.0	8.7
WNW	.7	.9	1.0	.4	.1							3.0	7.1
NW	.5	.4	.1	.0								1.0	3.9
NNW	.5	.3	.1									1.2	3.3
VARBL			1.6	.8	.2							2.6	10.7
CALM												23.0	
	12.0	26.2	23.3	8.5	1.0	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

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

SURFACE WINDS

17457 SCHAEFELICH HALL AAF DL 74-63 MAR
STATION STATION NAME YEARS
ALL WEATHER CLASS 0600-0800
CONDITION HOURS (L & 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									1.2	4.1
NNE	1.2	.6	.6									2.5	4.4
NE	.9	.9	2.2	.5								4.2	6.9
ENE	.7	1.6	.8	.2								4.5	4.4
E	3.3	3.7	.8									7.3	4.0
ESE	.7	1.4	.6									3.0	4.4
SE	.7	.9										.3	4.0
SSE													
S		.3										.3	4.5
SSW	1.6	2.8	2.0	.2								6.5	5.5
SW	1.7	3.6	2.3	.3								7.9	5.8
WSW	.9	3.7	4.5	1.6	.3							11.0	7.9
W	1.1	1.7	3.6	2.6	1.1							10.1	9.4
WNW	.7	1.2	.8	.5								2.6	7.5
NW	.5		.2									.6	3.8
NNW	.7	.2	.2									.5	5.7
VARBL		.7	1.6	1.1	.3	.3						3.4	12.2
CALM												33.7	
	14.9	21.9	27.5	6.8	1.7	.3						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 643

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

1 1400 STATION SCHWAEBISCH HALL AAF DL 74-83 YEARS MONTH 1900-1100 HOURS (L & T)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.8	.2									1.4	4.3
NNE	.2	1.2	.6	.3								2.9	5.7
NE	.2	1.5	1.1	.5	.2							3.2	6.7
ENE	1.7	1.4	1.2	.5								5.3	5.9
E	.2	3.2	1.4	1.2								8.7	5.4
ESE	1.4	2.3	1.1	.2								4.8	5.0
SE	.3	.0	.2									1.5	5.4
SSE	.5	.5	.3									1.4	4.2
S		.1		.2								.5	7.0
SSW	1.7	2.3	2.0									5.9	5.5
SW	1.8	2.6	2.6	.9								7.8	5.3
WSW	1.5	3.7	4.2	2.9								11.5	8.0
W	.3	2.7	6.5	3.9	1.4							14.3	10.3
WNW	1.4	1.2	1.4	.5								4.4	6.3
NW	1.1	.2										1.2	2.5
NNW	.2	.5	.6									2.0	4.7
VARBL		.2	5.7	2.0	.8							7.8	10.6
CALM												14.6	
	17.8	23.7	28.8	12.8	2.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 663

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/VAC

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

SURFACE WINDS

STATION 1400 SCHAEFELICH HALL AAF 21 STATION NAME 74-83 YEARS MAE
ALL WEATHER 1200-1400
 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	.1	1.5	.6									4.2	4.3
NNE	.2	.5	.8	.3								2.9	5.6
NE	1.4	1.0	.9	.6								4.7	5.9
ENE	.7	1.2	.6	.5								3.2	6.0
E	1.3	2.3	.6	.3								5.0	5.1
ESE	.9	1.2	1.2	.6								3.2	6.5
SE	.7	.8	1.2									2.0	6.7
SSE	.7		.3									.8	4.2
S	.3	.3	.3	.2								1.1	5.9
SSW	.3	2.1	.2	.2	.3							3.5	5.9
SW	.7	1.2	1.7	1.5	.2							5.3	8.8
WSW	.7	3.7	4.4	1.8	.6							10.7	8.5
W	.7	1.7	7.4	6.3	.6	.2						16.8	10.4
WNW	1.7	1.4	2.4	.8								6.2	6.4
NW	.9	.6	.8									2.3	5.2
NNW	.1	2.6	.3									5.0	3.9
VARBL		.5	11.1	3.9	1.1							15.6	10.3
CALM												7.1	
	16.0	22.5	32.7	16.9	2.7	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 662

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1 7450 SCHWAEBISCH HALL AAF DL STATION NAME YEARS 74-83
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	2.5	.9									7.1	3.8
NNE	.7	.7	1.5	.2								3.4	6.2
NE	.7	1.9	1.2	1.2								5.2	7.1
ENE	.3	1.1	.9	.9								3.4	7.9
E	.4	1.5	.9									3.2	5.1
ESE	.7	.7	1.8	.5								3.7	7.2
SE	.7	.8	.9	.5								2.6	6.9
SSE	.5	.8	.2	.3								1.9	5.8
S	.7	.6	.5									1.7	4.8
SSW	.7	.5	1.4	.3								3.7	6.8
SW	.7	1.5	.8	1.4	.2							4.2	8.8
WSW	.9	2.1	4.3	2.5	.8							10.5	8.9
W	.5	3.2	6.2	4.0	2.2	.2						16.2	10.3
WNW	.3	2.6	2.3	.9	.2							6.2	7.4
NW	1.1	1.2	.6									3.7	4.5
NNW	1.7	3.1	.3									5.1	4.0
VARBL		.3	7.6	2.3	.3							10.5	9.7
CALM												7.7	
	14.5	26.2	33.0	14.0	3.5	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 649

GENERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

STATION 1450 SCHAEFERS HALL AAF DL STATION NAME 74-83 YEARS
 ALL WEATHER CLAS 1800-2400 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	1.0	.8										2.4	2.9
NNE	.6	1.1	.7	.5								3.1	6.6
NE	.1	1.5	1.5	1.3								6.3	6.4
ENE	1.0	1.1	.2	1.7								3.7	6.0
E	2.0	2.1	.5									5.2	3.7
ESE	1.1	1.5	1.3									3.9	5.0
SE	.0	.8	.5									1.9	5.2
SSE	.0	1.7	.3									1.3	4.9
S	.3	.6	.6	.2								2.3	5.6
SSW	1.0	1.6	1.3	.6								4.9	6.2
SW	1.0	2.3	1.8	.6	.2							6.3	6.7
WSW	1.0	3.6	4.2	1.9	.2							11.3	7.3
W	1.0	3.4	4.1	2.4	.6							12.5	6.3
WNW	1.0	2.3	.6	.3								5.2	5.0
NW	1.0	.3										1.8	2.5
NNW	1.0	.5										1.9	2.5
VARBL			1.6	1.0								2.6	10.3
CALM												72.9	
	22.0	4.5	19.3	9.9	1.0							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 617

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 401 SCHAEFELICH HALL AAF DL 77-83
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												.8	1.0
NNE			.2									.8	8.2
NE		1.5	1.6									4.0	5.6
ENE	1.2	.9	.8	.8								4.0	5.6
E	1.2		.8									4.0	3.8
ESE	1.2	.8										2.4	3.0
SE		.2										.8	4.0
SSE	.3											.8	2.2
S													
SSW		1.5	4.0									6.5	7.9
SW	4.3	2.4		1.6								8.1	5.3
WSW	1.5	6.5	4.8	1.6	.8							15.3	6.9
W	1.2	4.0	4.0	2.4	1.6							15.3	7.9
WNW	.8	.9										1.6	3.0
NW	.5											.8	3.0
NNW	.3											.8	2.0
VARBL	.8		.8	2.4								4.0	9.8
CALM												29.8	
	21.3	19.4	17.7	8.9	2.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 124

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 1431 SCHEFFIELD HALL AAF OH YEARS 74-83 MONTH MAR
STATION NAME CLASS ALL WEATHER HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.1	.4									3.2	3.9
NNE	.7	.9	.9	.2								2.7	5.8
NE	1.1	1.5	1.4	.6	.7							4.8	6.6
ENE	1.7	1.3	.7	.6								4.2	5.9
E	.3	2.3	.8	.3								5.8	4.6
ESE	1.3	1.4	1.2	.2								3.8	5.6
SE	.7	.7	.6	.1								1.7	5.9
SSE	.4	.4	.2	.1								1.1	4.9
S	.3	.4	.3	.1								1.1	5.5
SSW	1.2	1.7	1.5	.2	.1							4.9	6.0
SW	1.3	2.2	1.8	1.7	.1							6.9	6.9
WSW	1.2	3.2	4.3	2.1	.4							11.2	6.0
W	1.2	2.4	5.5	3.8	1.2	.1						14.1	9.8
WNW	1.1	1.7	1.5	.6	.7							4.8	6.4
NW	1.7	.5	.3									1.9	4.0
NNW	1.3	1.3	.3									2.8	3.9
VARBL	.7	.2	5.1	2.1	.5	.1						7.9	10.3
CALM												17.5	
	17.5	23.6	26.8	12.2	2.3	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 335A

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 7400 SCHWAEBISCH HALL AAF DL 74-83 APR 8000-0800
STATION STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.2	.6									1.5	4.7
NNE		1.3	.3									1.6	5.6
NE	.5	.8	1.6	.2								3.1	7.1
ENE	2.5	1.6	.6	.5								5.5	4.6
E	6.7	3.2	.8									10.7	3.4
ESE	.6	.6	.3									1.6	4.0
SE	.3											.5	2.0
SSE													
S	.2											.2	2.0
SSW	1.1	.5	1.3									3.1	5.2
SW	1.5	2.6	1.8	.3								6.2	5.8
WSW	1.4	5.4	2.6	.8								10.7	6.1
W	2.1	3.1	4.9	1.3	.2	.2						11.7	7.3
WNW	.9	1.3	2.1									3.9	6.0
NW	.6	.8										1.5	3.7
NNW	.6	1.1										1.8	3.6
VARBL			1.8	.6								2.4	9.9
CALM												34.1	
	20.1	22.7	18.8	3.7	.3	.2						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 616

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17450 SCHAEFFER HALL AAF DL 74-83 APF
STATION NAME YEARS MONTH
CLASS ALL WEATHER 0900-1100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	.5									3.8	4.1
NNE	.5	1.1	1.0	.2								3.2	5.6
NE	1.1	2.1	2.2	.6								6.1	6.8
ENE	1.3	2.0	1.4	1.7								6.5	6.4
E	4.0	4.6	1.9	.6								12.1	4.8
ESE	1.0	1.3	1.0	.5								4.6	6.8
SE		.7	.5	.5								1.1	9.6
SSE	.7			.2								.3	7.0
S	.7		.2									.3	4.0
SSW	1.1	1.1	1.7									3.2	5.3
SW	.7	.3	2.1	.5	.2							3.5	6.3
WSW	1.0	1.8	5.1	2.1								10.5	7.9
W	2.1	2.4	6.1	2.6		.3	.2					13.6	8.5
WNW	1.0	2.2	2.1	1.4								6.7	7.3
NW	.4	2.7	.6									4.1	4.8
NNW	1.4	1.8	.5									3.7	4.2
VARBL			6.1	1.3								7.3	9.0
CALM												9.4	
	14.5	26.2	33.0	11.3	.2	.3	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 627

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 7452 SCHAEBISCH HALL AAF DL 74-83 APR
STATION MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.2	1.1									6.7	4.1
NNE	.5	3.3	1.3	.2								5.3	5.8
NE	.3	1.4	1.4	.3								3.5	7.2
ENE	1.1	3.3	1.9	1.1								7.5	6.7
E	1.2	3.3	1.9	.2								7.3	5.4
ESE	.5	1.8	1.4	.6								4.5	6.9
SE	.2	.6	.8	.2								2.1	6.5
SSE	.5	.2	.3									1.1	4.6
S		.2	.3									.5	7.7
SSW	.2	.2	.6									1.6	6.0
SW	.3	.8	1.3	1.7								3.3	8.2
WSW	1.2	1.4	1.8	1.3	.3							5.7	8.4
W	1.1	1.2	5.6	5.9	.3	.2						14.8	9.9
WNW	1.0	4.2	2.2	.8								8.0	6.5
NW	1.1	2.6	.8									4.5	4.8
NNW	2.4	2.4	.6	.2								5.6	4.2
VARBL		1.1	10.5	2.6	.2							14.2	9.1
CALM												3.8	
	15.9	31.1	34.0	14.2	.8	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 627

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/PAC

SURFACE WINDS

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

STATION 17490 SCHAEFELICH HALL AAF DL 74-83 APD
STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
1500-1700
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	2.6	2.4	1.1	.2								6.4	4.5
NNE	1.1	2.0	2.9	.7								6.4	6.5
NE	1.7	2.2	2.2	.5								7.2	6.5
ENE	.7	2.1	2.1	.3								5.2	6.7
E	1.3	2.4	2.0									5.7	5.5
ESE	.3	1.3	2.3	.3								4.2	7.1
SE	.5	1.3	1.5									3.6	5.4
SSE	.5	.7	.3									1.5	4.7
S	.5	.5	.3									1.3	4.4
SSW	.7	1.7	.8	.2								2.6	5.4
SW	.7	.7	.2	.5								2.0	6.5
WSW	.9	.7	3.9	1.5	.3							7.2	9.0
W	1.0	2.1	4.2	3.3	1.1							11.7	9.7
WNW	1.7	2.4	3.1	1.0								7.5	7.1
NW	1.1	2.2	1.3	.8								5.2	6.5
NNW	2.1	3.4	1.0									6.5	4.5
VARBL			9.8	2.3	.7							11.7	9.9
CALM												4.2	
	15.1	27.9	38.6	11.1	2.1							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 614

GENERAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

1 7400 STATION SCHWABISCH HALL AAF DL 74-83 APR 1977
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	.2									3.1	3.7
NNE	1.7	2.4	1.2									5.3	4.6
NE	3.0	3.7	2.0	1.2								9.0	5.9
ENE	1.7	1.7	.7	.3								4.4	5.0
E	1.7	1.5	1.4									4.6	4.9
ESE	1.7	1.7	1.2									4.6	4.8
SE	1.2	1.5	.2									2.9	3.6
SSE	1.0	.3	.2									1.5	3.9
S	.7	.5	.3									1.5	4.3
SSW	1.0	.7										1.7	3.2
SW	.5	.7	1.1	.7								2.9	7.1
WSW	1.0	2.4	2.4	1.5								7.3	7.2
W	1.7	3.2	4.3	1.9	.5							10.9	7.9
WNW	2.0	3.2	2.6	.7								6.5	5.8
NW	1.5	.5	.3	.2								2.6	4.2
NNW	2.6	2.0	.5									5.1	4.0
VARBL			2.6	1.0	.3							3.9	10.4
CALM												70.1	
	23.7	27.6	21.0	7.5	.9							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 587

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1450 SCHAEFELICH HALL AAF DL 77-83 APF
 STATION STATION NAME YEARS MONTH
ALL WEATHER
 CLASS
2100-2300
 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													
NNE													
NE	.7	2.7	.9									4.5	5.2
ENE	1.7	.9	1.7									4.5	5.2
E	2.7	1.8										4.5	3.0
ESE	1.3											1.3	2.5
SE	1.7	.9										2.7	3.0
SSE		.7										.9	4.0
S		.7										.9	5.0
SSW	.7	1.8										2.7	4.3
SW	.9	4.5	.9	.9								7.1	6.4
WSW	4.5	3.6	2.7	.9								11.6	5.0
W	2.7	3.6	4.5	1.8								12.5	6.6
WNW	.9	.9	1.8	.9								4.5	7.8
NW	.7	.9		.9								2.7	6.3
NNW	2.7											2.7	2.3
VARBL			1.8	.9								2.7	10.7
CALM												33.9	
	22.3	3.2	14.3	6.2								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 112

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

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

SURFACE WINDS

1 450 SCHAEFELT HALL AAF DL 74-83
STATION NAME YEARS

ALL WEATHER
CLASS

ALL
MOON (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.5	.7	.0								4.1	4.2
NNE	.0	1.7	1.3	.1								4.1	5.7
NE	1.0	2.2	2.0	.9								5.7	6.5
ENE	1.0	2.3	1.4	.6								5.8	5.9
E	.3	3.0	1.5	.2								6.0	4.6
ESE	.0	1.3	1.4	.3								3.8	6.1
SE	.0	.7	.6	.1								2.0	5.3
SSE	.4	.3	.2	.0								.9	4.5
S	.3	.3	.2									.8	4.7
SSW	.0	.9	.7	.0								2.5	5.1
SW	.7	1.1	1.3	.6	.0							3.7	7.0
WSW	1.4	2.4	3.1	1.4	.2							6.4	7.5
W	1.5	2.5	5.0	3.0	.4	.1	.0					12.6	8.7
WNW	1.1	2.6	2.4	.8								6.8	6.6
NW	1.0	1.7	.6	.2								3.6	5.2
NNW	1.9	2.1	.5	.0								4.5	4.1
VARBL		.2	5.0	1.5	.2							7.8	9.5
CALM												14.9	
	19.0	27.0	23.7	9.5	.8	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 3183

1
 NATIONAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

1 450 10-11-61 CON HALL AAF DL 74-23 MAY 1961
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 6600-0800 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	1.2	.2										1.5	2.1
NNE	.2	.2	.2									.5	6.0
NE	.2	.2	.2	.3								2.2	6.8
ENE	.2	1.7	3.2	.5								7.5	6.3
E	7.3	5.7	1.7	.5								14.4	4.0
ESE	1.7	1.5	.3	.2								3.8	4.0
SE	.2											.2	2.5
SSE	.2											.3	2.5
S	1.2											1.0	2.3
SSW	.2	2.2	.5									3.2	4.8
SW	1.2	3.2	1.2									5.6	4.7
WSW	.2	4.1	2.2	.2								9.2	5.6
W	.3	3.3	4.1	1.2								10.9	6.5
WNW	.2	2.5	.5									4.0	4.5
NW	.2											.7	2.0
NNW	.3	.2										.5	2.3
VARBL			1.3	.2	.2							2.3	10.6
CALM												31.7	
	24.4	24.5	15.6	3.6	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 603

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 1400 00 AEBISCH HALL AAF DL 74-83 MAY
STATION STATION NAME YEARS
ALL-WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.1	.2									3.7	2.9
NNE	1.0	.5	.5									1.9	4.0
NE	1.0	.5	1.5	.2								3.6	6.0
ENE	1.0	2.3	2.9	1.6	.3							6.9	7.3
E	1.0	5.8	2.6	1.8	.3							12.3	7.0
ESE	.3	1.0	2.3	.6	.2							5.2	7.5
SE	.3	.2	.5									1.0	5.7
SSE	.3	.2	.3									.6	6.0
S	.3	.3	.2									1.0	4.0
SSW	1.0	.6	.6									2.3	5.1
SW	.3	1.0	1.5	.3								4.0	6.7
WSW	1.0	3.4	2.7	.3								8.4	5.9
W	.3	2.7	5.7	1.6								12.3	7.3
WNW	.3	2.4	1.0	1.0								6.6	5.9
NW	1.0	.8	.3									3.1	3.6
NNW	5.1	1.1	.2									4.4	3.1
VARBL			6.3	2.4	.2							9.9	9.7
CALM												12.0	
	22.0	25.5	29.1	9.9	1.0							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 619

CENTRAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE / AC

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

SURFACE WINDS

STATION 10451 COM. ARBISCH HALL AAF DL 74-63 YEARS DAY
STATION NAME MONTH
CLASS ALL WEATHER 1230-1400
HOUSE (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.3	.5									5.5	3.0
NNE	1.0	1.3	.6									3.6	4.2
NE	.0	2.6	1.5	.3								4.9	6.4
ENE	1.0	2.4	1.6	1.8	.2							7.3	7.6
E	1.0	2.0	2.9	1.3	.2							8.1	7.4
ESE	.0	1.3	1.5	.5								3.9	6.8
SE	.0	.6	.6									1.2	6.1
SSE	.0	.5	.2									1.2	5.0
S	.0	.3	.2									1.2	3.5
SSW	.0	.3	.3									1.0	4.4
SW	.0	.6	.6	.3								2.3	6.6
WSW	1.0	1.9	1.6	.6								5.7	6.2
W	1.0	4.7	5.3	3.1	.5							15.5	7.9
WNW	.3	3.7	2.8	1.1								9.9	6.2
NW	1.0	2.3	.6									4.2	4.3
NNW	2.4	3.7	.3									6.5	3.8
VARBL			7.6	2.9	.3							10.8	10.2
CALM												6.6	
	10.7	31.7	8.8	12.0	1.1							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 618

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

1 740 STATION SCHAEFELICH HALL AAF DL 74-63 MAY
STATION NAME YEARS
ALL WEATHER CLASS 1500-1700
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	2.2										6.9	3.2
NNE	1.7	1.2	.8	.5								4.9	5.2
NE	.7	2.7	1.0	.2								4.5	5.9
ENE	1.5	2.4	1.9	1.5								7.2	7.2
E	1.2	4.5	3.7	1.0								9.9	6.8
ESE	.	2.2	1.7	.3								5.1	6.2
SE		.2	.3									1.0	7.2
SSE		.	.5	.2								.8	8.8
S	1.2	.7	.2									2.0	3.5
SSW	.	1.2	.2									1.9	4.5
SW	1.5	.5	.7									2.2	4.8
WSW	1.5	2.7	1.9	1.9								8.1	6.9
W	1.5	3.0	6.4	3.5								15.3	7.9
WNW	1.7	4.2	3.7	.7								9.3	6.3
NW	2.3	.5	.3	.2								3.4	4.1
NNW	2.5	3.2	.3									6.1	4.0
VARBL			2.0	1.9	.5							5.2	11.0
CALM												6.2	
	2.2	33.7	6.3	11.0	.5							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 594

U.S. AIR FORCE CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/AC

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

SURFACE WINDS

STATION 1400 SCHWAEBISCH HALL AAF EL STATION NAME 74-63 YEARS MAY
CLASS ALL WEATHER MONTH 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	.7										3.0	2.6
NNE	2.2	.7										3.1	3.2
NE	1.1	1.1	1.3	.9								7.1	5.8
ENE	2.0	1.3	2.7	1.3								5.4	6.2
E	4.0	1.3	1.1									6.7	3.9
ESE	2.4	1.7	.5	.4								5.1	4.4
SE	.7	.5	.2									1.3	4.0
SSE	.2	.4										.5	3.3
S	.7		.2	.2								1.3	4.1
SSW	1.1	.5										1.6	3.3
SW	2.4	2.6										4.7	3.5
WSW	1.1	1.3	2.4	.7								6.0	6.8
W	1.3	4.0	2.6	.2	.2							8.2	6.2
WNW	2.7	4.9	3.5	.2								11.3	5.6
NW	1.3	.7										2.0	3.1
NNW	.2	.7										2.9	2.8
VARBL			.9	1.1								2.0	11.2
CALM												23.5	
	27.7	26.4	15.3	4.9	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 549

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 400 SCHAEFELICH HALL AAF DL 77-83
STATION MONTH YEARS
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9										1.9	3.0
NNE			.9									.9	7.0
NE	1.9	.9	.9									3.8	4.5
ENE		1.9	1.9	.9								4.7	7.6
E	7.5	1.9	1.9	.9								12.3	4.6
ESE	.9	.9										1.9	3.0
SE	.9	.9										1.9	4.5
SSE													
S													
SSW	2.9	1.9										4.7	3.0
SW	1.9	1.9										3.8	3.3
WSW	1.9	4.7	.9	1.9								9.4	6.3
W	.9	3.8		.9								5.7	6.3
WNW	1.9	1.9	.9									4.7	4.6
NW	.9											.9	3.0
NNW													
VARBL			.9	.9								1.9	10.0
CALM												41.5	
	22.0	21.7	8.5	5.7								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 106

1
JUN 1950
GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17450 STATION NAME SCHWAEBISCH HALL AAF DL YEARS 74-83 MONTH MAY
CLASS ALL WEATHER HOUR (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.3	.1									4.2	3.0
NNE	1.3	.9	.5	.1								2.7	4.4
NE	1.7	1.2	1.2	.4								4.3	6.0
ENE	1.1	2.1	2.4	1.3	.1							7.7	7.0
E	3.2	3.0	2.4	.9	.1							10.5	5.7
ESE	1.1	1.7	1.2	.4	.7							4.5	5.9
SE	.4	.3	.4									1.1	5.3
SSE	.2	.2	.2	.0								.6	5.7
S	.2	.2	.1	.2								1.2	3.5
SSW	.7	1.1	.3									2.3	4.4
SW	1.2	1.7	.7	.1								3.8	5.0
WSW	1.2	2.0	2.1	.8								7.6	6.1
W	1.7	3.7	4.7	1.9	.1							12.3	7.3
WNW	1.0	3.5	2.1	.6								8.0	5.8
NW	1.4	.7	.3	.0								2.6	3.8
NNW	.3	1.7	.2									3.9	3.6
VARBL			3.2	1.8	.2							5.8	10.2
CALM												16.7	
	23.6	28.2	22.7	8.4	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 3089

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 7457 SCHAEBISCH HALL AAF DL 73-82 105
STATION STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1										2.1	3.3
NNE	1.5	.5										2.0	2.4
NE	.3	.7	.3									1.3	4.8
ENE	2.5	1.3	.2									3.9	3.0
E	6.7	1.1	1.3									9.2	3.1
ESE	.0	.3										2.3	2.6
SE	.0	.2										.7	3.3
SSE													
S	.3	.2										.5	2.7
SSW	1.5	.7	.2									2.1	3.6
SW	3.3	3.4	1.5	.2								7.4	4.7
WSW	2.3	4.4	2.5									9.2	5.1
W	2.0	4.0	5.1	.7								12.6	6.5
WNW	1.7	1.3	2.0	.2								4.4	6.5
NW	1.7	1.1										2.1	3.6
NNW	.8	.5	.2									1.5	3.9
VARBL			1.6	.5								2.1	9.1
CALM												36.7	
	25.4	21.8	14.7	1.5								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 611

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 1450 STATION SCHWAEBISCH HALL AAF DL 73-82 YEARS 11/3 26078
STATION NAME CLASS 0900-1100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	2.6	.2									6.9	3.2
NNE	3.0	1.3	.5									4.8	3.5
NE	1.3	1.4	.5									3.2	4.6
ENE	3.2	1.4	1.0									5.6	4.1
E	2.9	1.9	2.2									7.1	5.0
ESE	1.0	1.1	.3									2.9	4.6
SE	.3		.2									.5	5.3
SSE	.2	.3	.3									.8	5.4
S	.3	.3	.2									1.1	3.9
SSW	1.1	1.6	.3									3.0	4.5
SW	1.1	1.7	1.6	.3								4.8	5.8
WSW	2.2	4.2	2.6	.6								9.6	5.9
W	2.2	4.2	6.7	1.9								15.1	7.3
WNW	1.6	1.8	2.9	1.0								7.2	6.8
NW	1.0	1.4	.3									2.7	4.4
NNW	1.2	1.3	.2									3.2	3.3
VARBL			6.6	1.8								8.3	9.7
CALM												13.1	
	27.7	6.6	26.9	5.6								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 624

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17450 SCHWABISCH HALL AAF DL YEARS 73-82 MONTH JUN
CLASS ALL WEATHERED HOURS 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	3.8	.5									7.7	3.8
NNE	7.2	3.2	.5									6.9	3.9
NE	1.7	2.7	1.3									5.0	5.3
ENE	1.7	2.6	1.9									5.8	5.4
E	1.4	2.2	1.8	.2								5.6	5.5
ESE	.6	1.4	.3									2.4	4.5
SE	.7											.2	1.0
SSE	.7	.3										.5	3.3
S	.7	.5	.2									1.0	4.2
SSW	.2	.3	.8									1.3	6.6
SW	.5	1.7	1.1									2.6	6.3
WSW	1.1	1.6	1.1	1.3	.2							5.3	7.6
W	2.1	4.5	4.5	2.2	.2							13.5	7.2
WNW	2.1	4.5	3.7	1.3								10.9	6.2
NW	3.7	1.8	1.1									5.9	4.2
NNW	3.7	3.4										7.1	3.3
VARBL		.2	9.6	2.9								12.7	9.5
CALM												5.9	
	24.2	34.0	27.7	7.9	.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 624

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

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

1 1957 SCHWAEBISCH HALL AAF DL 73-82 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
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	0.5	3.1	0.5									9.1	3.5
NNE	1.0	0.7	1.1	0.2								10.9	4.4
NE	1.7	3.7	1.0									6.0	4.8
ENE	1.3	2.3	1.8									5.4	5.5
E	1.3	1.3	1.1									4.2	4.8
ESE	0.3	0.7	0.3									1.8	4.5
SE		1.1										1.1	4.9
SSE	0.0	0.2	0.2									0.8	3.4
S	0.7	0.2										0.5	3.0
SSW	1.0	0.3	0.5	0.2								2.4	5.3
SW	0.7	2.0	0.8									3.1	5.7
WSW	1.0	1.6	1.5	0.3	0.2							4.6	6.8
W	1.1	3.7	4.2	1.8	0.3							11.2	6.0
WNW	2.1	5.4	1.8	1.0								10.2	5.7
NW	1.3	2.1	0.7	0.2								4.2	4.5
NNW	2.0	1.8	0.7									5.4	3.8
VARBL		0.3	0.3	2.6	0.2							12.4	9.2
CALM												6.7	
	23.7	37.4	25.4	6.2	0.7							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 615

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 430 SCHWAEBISCH HALL AAF DL 73-82 JMS
STATION STATION NAME YEARS MONTHS
ALL WEATHER 1800-2000
CLASS HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 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	.3	.2									4.2	2.5
NNE	3.7	3.4	1.6									8.6	4.3
NE	2.7	2.1	.2									4.9	3.4
ENE	1.0	1.4	.2									3.2	3.7
E	1.7	1.1	.2									3.0	3.1
ESE	1.2	.7										2.5	3.3
SE	.5											.5	2.7
SSE	.	.5										1.1	4.2
S			.2									.2	8.0
SSW	.7	.7	.4									1.8	4.3
SW	1.7	1.8	.9									4.4	4.5
WSW	1.4	2.3	1.1	.4								5.1	5.3
W	7.2	4.6	4.9	1.1	.5							14.3	6.8
WNW	4.1	3.7	.4		.2							8.3	4.1
NW	2.5	2.1	.5									5.1	3.9
NNW	1.3	1.6										3.9	3.1
VARBL			2.5	.7								3.2	9.4
CALM												25.4	
	31.7	26.9	13.1	2.1	.7							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 566

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS 89

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1450 SCHAEBISCH HALL AAF DL 77-82
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	2.3	.3									5.9	3.4
NNE	2.3	2.9	.7	.0								5.5	4.0
NE	1.3	2.1	.6									4.1	4.5
ENE	1.0	1.8	1.0									4.7	4.5
E	2.6	1.6	1.3	.0								5.8	4.3
ESE	1.2	.0	.3									2.3	3.9
SE	.3	.3	.3									.6	4.0
SSE	.3	.3	.1									.6	4.2
S	.3	.2	.1									.6	3.9
SSW	.4	.8	.4	.0								2.1	4.7
SW	1.3	1.0	1.2	.1								4.5	5.2
WSW	1.6	2.8	1.8	.5	.1							6.7	6.0
W	2.3	4.4	5.1	1.5	.2							13.5	7.1
WNW	.1	3.3	2.0	.7	.0							5.1	5.8
NW	1.7	1.7	.5	.0								3.9	4.1
NNW	2.3	1.7	.2									4.2	3.5
VARBL		.1	5.9	1.7	.0							7.6	9.4
CALM												18.4	
	26.4	28.9	21.4	4.6	.3							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 3129

CLICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

STATION 17450 STATION NAME SCHAEFER HALL AAF DL YEARS 73-80 MONTH JUL
CLASS ALL WEATHER HOURS (LST) 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.2										1.2	2.2
NNE	.2	.5										.7	3.4
NE	.2	.2										.4	3.3
ENE	1.0	.5										2.4	3.1
E	5.0	2.6	.3									8.9	3.1
ESE	1.0	.5	.2									2.4	3.2
SE	.2	.5										.7	3.2
SSE													
S	.2	.2										.4	3.7
SSW	1.0	1.3	.2									2.9	3.8
SW	3.7	4.2	1.8									9.6	4.5
WSW	3.4	7.0	1.9	.2								12.5	4.9
W	2.7	2.6	4.0	.6								9.9	5.1
WNW	1.0	1.3	.6									4.0	4.5
NW	1.0	.5										1.8	3.0
NNW	.2											.3	2.9
VARBL			1.1	.3								1.4	9.3
CALM												39.7	
	26.0	2.2	10.1	1.1								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 625

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

1 46 STATION SCHAEFER HALL AAF DL 72-62 YEARS MONTH JUL
STATION NAME CLASS ALL WEATHER HOURS 1100-1100
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	.3	.2									3.2	3.1
NNE	.1	1.1	.2									2.4	3.6
NE		.6	.2									1.7	3.6
E		1.1	.9									2.4	5.7
ESE	.1	4.4	1.3	.2								7.7	4.7
SE	.1	1.6	1.1	.2								4.0	5.3
SSE		.3										.5	4.7
S		.2	.3									.6	6.0
SSW	.1	.2	.2									.6	4.3
SW	.1	1.1	.2									2.4	3.7
WSW	2.4	3.1	1.7									7.1	5.0
W	1.2	6.5	3.1	.5								11.9	5.7
WNW	1.2	5.9	6.3	7.1	.2							16.3	7.2
NW	2.3	4.1	3.2	.2								10.1	5.3
NNW	1.7	1.9										3.6	3.6
NNW	.2	1.4	.3									4.9	3.3
VARBL		.2	4.7	.6	.2							5.7	6.9
CALM												13.6	
	24.4	34.3	23.6	3.8	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 632

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

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

SURFACE WINDS

STATION 140 STATION NAME SUNABEDICE HALL AAF DL YEARS 73-82 MONTH JUL
 CLASS ALL WEATHER HOURS (L & T) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.1										4.9	3.1
NNE	1.1	1.6	.2									2.5	4.1
NE	.1	.8	.5									1.7	4.7
ENE	1.4	2.5	.5									4.4	4.2
E	1.7	3.5	.3	.2								5.2	4.5
ESE	.1	1.7	1.1									3.5	5.5
SE	.7	.6										.9	4.6
SSE	.1											.3	3.0
S	.1	.5										1.0	3.4
SSW	.1	.5	.9									2.4	5.3
SW	.7	2.1	.9	.3								4.0	6.1
WSW	.1	2.7	1.1	.5								5.2	6.1
W	2.1	5.2	7.3	2.7								17.6	7.3
WNW	1.7	6.7	3.2	.8								11.7	6.0
NW	1.7	2.8	.9									5.5	4.2
NNW	.1	3.2	.6									7.8	3.7
VARBL		.1	11.2	2.2								13.6	8.9
CALM												5.9	
	2.3	36.6	28.6	6.6								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 632

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 7450 SCHWABING HALL AAF DL 73-82 1961
STATION STATION NAME YEARS NORTH
ALL WEATHERED
CLASS
1500-1700
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	4.0	1.1										5.2	2.8
NNE	1.0	2.3	.3									4.2	4.0
NE	1.0	1.5	.6									3.5	4.2
ENE	1.0	1.6	.5									3.7	4.0
E	1.0	2.9	.8									5.6	4.2
ESE	.8	1.8	1.0									3.5	5.2
SE	.2	.1	.3									1.3	5.5
SSE	.1	.3										.8	3.3
S	.1	.5										1.3	3.3
SSW	.1	1.3										1.8	4.0
SW	.5	1.1	.3									2.7	5.5
WSW	1.3	1.1	2.9	.3								5.5	6.9
W	1.8	6.0	6.0	2.1	.2							16.0	7.5
WNW	2.3	6.0	5.5	.5								15.2	5.9
NW	1.3	3.2	1.0									6.5	4.2
NNW	2.0	2.3	.2									5.0	3.4
VARBL		.3	9.0	1.5								10.8	8.9
CALM												7.6	
	24.2	34.9	28.9	4.4	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 620

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

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

SURFACE WINDS

1345 STATION 1345 HAWAIIAN HALL AAF DL STATION NAME 73-82 YEARS 1944 MONTH 1810-2000 HOUSE (L & T)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	.2									3.2	3.1
NNE	.2	.2	.2									3.2	2.6
NE	.2	1.7	.2									4.1	3.5
ENE	.2	1.2										3.2	2.8
E	2.4	1.7										4.1	3.0
ESE	.2	1.2	.2									1.7	4.4
SE		.2										1.0	4.7
SSE	.2											.2	1.0
S	.2	.2										.3	4.5
SSW	.2	.5	.5									1.2	5.9
SW	1.5	1.2	1.4									4.1	5.2
WSW	1.5	3.0	1.9	.5								6.9	5.9
W	1.2	3.6	4.2	.5								13.5	5.9
WNW	3.2	3.7	2.4	.3								9.6	5.1
NW	1.2	1.5	.3									5.1	3.4
NNW	2.9	1.9										4.7	3.0
VARBL			2.7	1.0								3.7	10.0
CALM												29.6	
	27.4	26.6	14.0	2.4								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 591

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 450 STATION SCHWAEBISCH HALL AAF DL 77-80 YEARS JULI
STATION NAME CLASS MONTH
ALL WEATHER
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE		1.0										1.0	2.0
ENE													
E	0.2											0.2	1.8
ESE	0.1											0.1	1.7
SE													
SSE		1.0										1.0	4.0
S													
SSW													
SW	3.1	3.1	1.0	1.0								8.3	5.3
WSW	0.2	5.2	1.0	1.0								13.5	4.6
W	1.0	3.1	2.1									6.2	5.8
WNW	1.0	1.0										2.1	3.5
NW	1.0											1.0	3.0
NNW													
VARBL			1.0									1.0	9.0
CALM												56.2	
	21.0	14.6	5.2	2.1								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 96

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1745 STATION SCHWAEBISCH HALL AAF DL 73-62 YEARS 1945
 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	2.1	1.0	.1									3.6	2.9
NNE	1.1	1.1	.2									2.6	3.6
NE	1.0	.7	.3									2.3	3.9
ENE	1.5	1.3	.4									3.3	3.9
E	1.1	3.0	.5	.1								6.7	3.9
ESE	1.7	1.3	.7	.7								3.0	4.8
SE	.7	.7	.1									.9	4.5
SSE	.7	.2	.1									.4	4.0
S	.5	.3	.7									.8	3.6
SSW	.4	.9	.3									2.1	4.4
SW	1.3	2.3	1.3	.1								5.6	5.1
WSW	1.0	4.1	2.1	.4								8.6	5.7
W	.2	5.2	5.5	1.6	.1							14.4	6.9
WNW	.3	4.4	2.8	.4								9.9	5.6
NW	2.7	1.7	.4									4.4	3.8
NNW	2.1	1.7	.2									4.4	3.4
VARBL		.1	5.7	1.1	.7							6.7	9.0
CALM												20.2	
	24.4	30.5	20.7	3.6	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 3196

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 451 SCHJAEBISCH HALL AAF DL 73-82
STATION STATION NAME YEARS
ALL WEATHER CLASS
CONDITION
AUG
MONTH
0600-0800
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	.7											.2	1.0
NNE	.5	.3										.9	3.3
NE	1.1		.2									1.2	3.1
ENE	1.0	1.1	.2									3.0	3.5
E	7.3	1.9	.5	.2								9.7	3.0
ESE	.7	.4	.8									2.4	4.6
SE	.7	.2	.3									.6	5.3
SSE													
S		.7										.2	4.0
SSW	.5	1.1										1.7	4.0
SW	3.2	1.7	.3									5.2	3.4
WSW	3.3	4.6	1.7	.3								9.9	4.8
W	3.3	3.2	2.1									9.1	4.6
WNW	1.5	1.2	.8									3.5	4.4
NW	.9	.6	.2									1.7	3.8
NNW	1.2	.2	.2									1.5	2.9
VARBL													
CALM												49.2	
	26.6	16.7	7.0	.5								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 658

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

10450 SCHWABISCH HALL AAF DL 77-82
STATION STATION NAME YEARS
ALL WEATHER
CLASS
0900-1100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4											1.4	2.2
NNE	.5	.6	.2									1.2	3.9
NE	1.1	1.1	.3									2.4	4.3
ENE	1.1	1.3	.8									3.6	4.6
E	2.6	3.0	2.7	1.5								9.8	6.3
ESE	1.1	1.1	2.7	.5								6.3	5.8
SE	.9	.8	.3									1.7	4.5
SSE	1.2	1.1	.2									2.4	3.9
S	.2	1.7	.5	.2								2.4	5.9
SSW	1.4	2.7	.5	.2								4.7	4.6
SW	1.7	2.1	.3									4.1	4.1
WSW	3.6	3.9	1.7	.3								9.5	5.0
W	2.0	5.3	3.6	.8								11.6	6.1
WNW	2.4	2.4	1.2	.2								6.2	4.9
NW	.3	1.1	.8									4.1	4.0
NNW	2.0	2.1	.2									4.2	3.6
VARBL	.2	.2	4.1	1.4		.2						5.9	9.5
CALM												18.4	
	20.0	30.8	19.8	4.8		.2						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 662

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17450 STATION SCHWAEBISCH HALL AAF DL 72-82 YEARS AUG
STATION NAME SOUTH
ALL WEATHER CLIM 1200-1400
CONDITION HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.9										3.3	3.7
NNE	1.4	1.4	.8									3.5	4.4
NE	.5	1.5	.5									2.4	5.1
ENE	1.2	2.7	.7									5.0	5.0
E	2.4	2.7	1.8									6.7	5.1
ESE	.7	1.8	1.8	.2								4.7	6.2
SE	.5	.5	.5									1.4	5.1
SSE	.6	.6	.2									1.4	4.4
S	1.2	.5	.2									1.8	3.4
SSW	1.5	1.2	.2									2.9	3.8
SW	1.5	2.7	.5									4.6	4.3
WSW	2.3	3.7	1.8	.5								8.4	5.3
W	2.4	5.1	5.4	1.1								14.0	6.4
WNW	3.3	4.2	1.2	.2								8.6	4.7
NW	1.4	2.1	1.5									5.0	5.1
NNW	3.3	2.4										5.7	3.2
VARBL		.2	10.9	1.2	.3	.3						12.8	9.4
CALM												7.4	
	20.5	35.6	27.9	3.0	.3	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 663

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 17450 SCHWAEBISCH HALL AAF DL STATION NAME 73-82 YEARS AUG
MONTHS 1500-1700
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.3	.3									5.0	3.7
NNE	1.4	2.1	.9									4.4	4.9
NE	1.1	2.3	.3									3.6	4.8
ENE	1.8	2.1	.8	.2								4.9	4.6
E	.5	4.7	1.4	.2								7.0	5.3
ESE	.6	2.7	1.2									3.8	5.6
SE		.3	.2									.9	5.7
SSE	.5	.6	.3									1.7	4.2
S	.4	1.1	.3									2.1	4.5
SSW	.5	1.1	.2									1.7	4.5
SW	1.1	.6	.3									2.0	3.9
WSW	1.2	1.7	1.7	.2								4.7	6.0
W	3.2	4.6	6.8	1.1								15.6	6.7
WNW	3.2	7.3	2.3	.2								12.6	5.0
NW	1.2	3.3	.9									7.4	4.2
NNW	2.9	2.1										5.0	3.3
VARBL		.5	6.7	.9	.2							8.2	8.9
CALM												9.4	
	24.7	38.7	24.4	2.6	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 659

CLIMAT. CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 745 STATION SCHWAEBISCH HALL AAF DL 77-82 YEARS ALL WEATHER CLASS 1800-2000 HOURS (LST) MONTH

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.6										2.1	2.8
NNE	2.1	.5	.5									3.0	3.6
NE	2.2	1.7	.3									4.3	3.6
ENE	2.4	1.3	.5									4.1	3.7
E	1.2	1.4	.6									5.2	3.5
ESE	1.0	.9	.3									3.0	3.2
SE	1.4	.0	.2									2.4	3.6
SSE	.0	.3										.9	3.4
S	.5	.2										.6	3.0
SSW	.7	.5	.3									1.1	4.6
SW	1.4	1.6	.2									3.2	3.6
WSW	2.0	2.2	.8	.5								6.0	4.7
W	3.0	4.0	3.9	.2	.2							16.9	5.4
WNW	4.1	3.2	.9	.3								8.5	4.1
NW	2.3	1.6	.2									4.6	3.3
NNW	1.4	.0										2.2	2.9
VARBL			1.3	.2								1.4	9.3
CALM												34.7	
	31.0	2.2	9.9	1.1	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 634

U. S. AIR FORCE
METAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17450 SCHAEFELICH HALL AAF DL STATION NAME 77-82 YEAR 1950 MONTHS (L E T) 100-2300
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												
NNE		.7									.9	4.0
NE	.7										.9	2.0
ENE	.7										.9	2.0
E	4.7										4.7	2.4
ESE	.7	.9									1.9	3.0
SE												
SSE												
S		.7									.9	6.0
SSW		.7									.9	5.0
SW	3.7	6.5									10.3	3.8
WSW	3.7	2.9	1.9	.9							4.3	5.4
W	1.6	2.9	3.7								12.1	5.0
WNW	2.7			.9							3.7	5.5
NW	1.7										1.9	2.5
NNW	.7										.9	3.0
VARBL												
CALM											50.5	
	2.2	15.9	5.6	1.9							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 480 SCHLAEBISCH HALL AAF DL 73-82
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
ALL
HOURS 11 5 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	1.3	.0	.1									2.4
NNE	1.1	1.0	.4									4.3
NE	1.2	1.3	.3									4.2
ENE	1.0	1.0	.6	.1								4.3
E	.3	2.7	1.4	.4								4.7
ESE	1.3	1.3	1.3	.1								5.3
SE	.0	.6	.3									4.6
SSE	.5	.5	.1									4.0
S	.1	.7	.2	.0								4.6
SSW	.0	1.3	.2	.0								4.3
SW	1.0	1.0	.3									3.9
WSW	2.0	3.3	1.5	.4								5.1
W	3.1	4.6	4.4	.6	.0							5.9
WNW	3.0	3.5	1.2	.2								4.7
NW	.1	1.7	.7									4.1
NNW	.1	1.5	.1									3.3
VARBL	.0	.1	4.5	.7	.1	.1						9.3
CALM												24.6
	26.0	28.5	17.5	2.4	.1	.1						3.8

TOTAL NUMBER OF OBSERVATIONS 3383

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

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

SURFACE WINDS

1 451 SCHAEFELICH HALL AAF DL 77-82 SEP 1980-1980
STATION STATION NAME YEARS MONTHS (LST)
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	0											2.0
NNE	0											2.0
NE		0										4.0
ENE	1.2	0										2.0
E	5.7	3.5										3.0
ESE	0	0										2.0
SE	0											1.0
SSE			0									1.0
S			0									1.0
SSW	0	1.0	0.3									4.0
SW	4.3	3.8	0.7									3.8
WSW	2.0	4.3	1.7	0.7								4.0
W	1.2	1.7	2.2	0.7								7.0
WNW	1.2	1.2	0.7									4.0
NW	0.3	0.9										4.0
NNW	1.0											2.0
VARBL			0.7									8.0
CALM												1.0
	21.0	18.0	0.7	1.0								2.0

TOTAL NUMBER OF OBSERVATIONS 578

U.S. AIR FORCE CLIMATE DIVISION
 AFMTC
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

STATION 14 104 ADDISON HALL AAF CL STATION NAME 77-81 YEARS 1950-1955 CLAS ALL WEATHER
 CLASS ALL WEATHER
 CONDITION ALL WEATHER

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.3										1.3	2.4
NNE	.7	.3	.2									.2	4.2
NE	.6	1.2	.2									2.1	3.8
ENE	1.0	1.0	.2									2.2	4.1
E	.3	2.7	1.1	.7								4.8	4.2
ESE	.1	1.4	1.7	.3								4.2	4.7
SE	.	1.0	.5									2.1	4.6
SSE	.	.5										.0	4.3
S	.	.3										.0	3.2
SSW	2.7	1.5	.6									3.3	4.1
SW	.2	4.0	2.2	.5								7.9	5.7
WSW	.2	3.2	3.5	.6								7.6	6.1
W	.1	2.6	4.5	1.1								11.2	6.6
WNW	1.1	1.1	1.0	.2								4.3	5.7
NW	1.0	.6										2.2	2.8
NNW	1.0	1.1										2.6	3.1
VARBL			.1	1.6								6.7	9.5
CALM												75.3	
	2.3	23.4	21.5	4.5								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 624

GENERAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION 14400 SCHEAEBEL CH HALL AAF DL STATION NAME 77-82 YEARS SEP MONTH
CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	.7										2.7	2.4
NNE	1.0	1.3	.3									3.4	3.5
NE	1.0	1.1	.2									2.3	3.6
ENE	1.0	1.0	.5									2.4	4.7
E	2.4	3.0	.6									5.1	4.1
ESE	1.0	2.2	2.1									5.6	5.4
SE	.0	1.1	.5									2.2	4.9
SSE	.0	.3	.5									1.0	5.7
S	.0	.3	.8									1.3	5.8
SSW	1.0	.6	1.0	.2								3.4	5.1
SW	1.1	2.7	2.4	.6								6.8	6.5
WSW	1.0	2.2	2.6	1.9								7.7	7.8
W	1.0	3.7	5.4	2.9								13.9	7.4
WNW	2.0	2.9	2.4		.2							8.0	5.4
NW	.0	1.6										4.5	3.1
NNW	.4	1.3	.2									4.8	3.0
VARBL	.0	.5	.8	.8	.2							11.4	0.6
CALM												11.4	
	2.4	26.3	29.2	6.4	.3							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 224

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 457 STATION SCHWAEBISCH HALL AAF DL 77-82 YEARS 1980
STATION NAME NORTH
ALL WEATHERED CLASS 1500-1700 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	1.2	1.7	.3									4.3	3.4
NNE	1.2	1.5	.3									3.1	3.9
NE	1.3	1.4	.2									3.5	3.8
ENE	2.4	1.9	1.0	.3								5.5	4.5
E	1.5	3.3	.9									5.7	4.7
ESE	1.2	1.4	1.0									3.0	4.7
SE	.9	.5	.2									1.6	3.7
SSE	.0	.2	.7									1.7	4.6
S	.0	1.4	1.4	.2								3.3	6.7
SSW	.0	1.2	.5									2.4	4.6
SW	1.3	2.1	.5	.5								4.2	5.3
WSW	.1	1.7	2.8	1.5	.3							7.8	6.6
W	.1	4.0	6.6	1.6								15.2	6.8
WNW	.1	7.2	1.6									9.9	4.6
NW	3.0	2.0	.2									6.4	3.2
NNW	3.0	1.4	.2									5.4	3.0
VARBL		.2	4.7	.5	.2	.2						5.7	9.7
CALM												10.7	
	5.1	31.7	23.1	4.0	.3	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 578

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

STATION 17451 AFB AEBTICH HALL AAF DL 73-82 YEARS SEP 1800-2000
STATION NAME CLASS HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 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	.2									1.5	3.3
NNE	.3	1.2										2.2	3.9
NE	1.2	.5	.2									2.5	3.5
ENE	2.2	.2	.4									3.4	3.5
E	.2	2.2	.2									4.7	3.5
ESE	1.6	.8										2.4	2.7
SE	.4	.2										.6	3.0
SSE		.4										.4	4.0
S	.2	.3	.2	.4								2.2	5.3
SSW	.2	1.2	.4									2.0	5.1
SW	1.5	2.2	.6									4.5	4.1
WSW	1.4	3.1	1.6	.4								6.5	5.9
W	2.1	5.1	2.2									12.1	4.8
WNW	3.9	2.2	.4	.4								6.9	4.2
NW	1.2											1.0	1.6
NNW	1.2	.4										1.4	2.1
VARBL			.4	.4	.2							1.0	13.4
CALM												47.1	
	22.7	21.5	6.9	1.6	.2							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 493

GENERAL CLIMATOLOGY SEARCH
 SAFETAC
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

1745 STATION SCHAEBIJCH HALL AAF DL 77-82 YEARS SEP MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0										1.0	5.0
NNE													
NE	1.0	1.0										3.2	3.0
ENE		1.0										1.0	4.0
E	1.0											3.2	1.5
ESE	1.0											1.0	3.0
SE													
SSE													
S													
SSW													
SW	1.0		1.0									4.8	5.0
WSW	1.0		1.0									9.5	3.7
W	1.0	3.2		1.0								6.3	6.0
WNW	1.0		1.0									3.2	6.5
NW													
NNW													
VARBL													
CALM												65.1	
	23.6	7.9	4.8	1.6								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 63

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 10450 SCHAEFELICH HALL AAF DL STATION NAME 73-62 YEARS SIP
 CLASS ALL WEATHER ALL
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.5	.1									2.2	2.9
NNE	1.1	.3	.2									2.0	3.7
NE	1.1	1.1	.1									2.3	3.7
ENE	1.6	1.1	.4	.0								3.1	4.1
E	3.3	2.2	.6	.0								6.8	3.9
ESE	1.7	1.3	.9	.1								3.7	4.7
SE	.5	.5	.2									1.4	4.3
SSE	.5	.3	.3									.9	4.9
S	.4	.5	.5	.1								1.9	5.7
SSW	1.7	1.3	.6	.0								3.2	4.6
SW	2.1	2.3	1.4	.3								6.7	5.2
WSW	2.0	2.4	2.5	.8	.0							8.2	6.2
W	2.4	3.3	4.2	1.4								11.3	6.6
WNW	2.3	2.5	1.5	.1	.0							6.4	4.9
NW	1.0	1.1	.1									3.1	3.1
NNW	2.1	.3	.1									3.0	2.9
VARBL	.0	.1	4.3	.7	.1	.0						5.2	9.3
CALM												29.1	
	25.3	24.1	17.7	3.6	.2	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1745 STATION SCHLAEBISCH HALL AAF DL 77-82 YEARS OCT NORTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.2										2.2	2.9
NNE	.4	.2										.8	3.4
NE	.4	.3	.5									1.2	4.9
ENE	1.2	.2										2.2	3.2
E	7.2	3.6	.6	.5								12.6	3.6
ESE	4.7	2.2	.3									6.5	3.5
SE	.2	.8										1.7	3.4
SSE	.2	.5										.6	4.3
S	.3	.3	.3									.9	5.3
SSW	1.7	1.2	.5									3.4	4.3
SW	2.4	4.4	1.2	.5	.2							9.0	5.1
WSW	2.4	2.6	1.9	.6								7.8	5.4
W	1.2	2.2	2.5	.9	.2							7.6	6.9
WNW	.5	.8										1.2	3.5
NW	.5	.2										.6	3.0
NNW													
VARBL			3.7	.9								4.7	8.8
CALM												36.9	
	25.4	21.5	11.5	3.4	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/PAC

SURFACE WINDS

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

1745 STATION SCHWABERICH HALL AAF DL 73-62 YEARS OCT 1950-1956
STATION NAME MONTHS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.3										2.0	2.6
NNE	.7	1.1	.2									1.5	5.0
NE	.7	.6	.2									1.4	4.6
ENE	1.1	1.2	.5									2.8	4.1
E	6.2	4.5	2.5	.6								13.7	4.6
ESE	3.7	4.8	2.2	.5	.3							11.4	5.3
SE	.7	1.1	1.1	.2								3.2	5.4
SSE	.3	.8	.6									1.7	5.5
S	.7	.2										.6	2.5
SSW	1.7	2.1	1.1									4.9	4.8
SW	1.4	3.9	2.3	.6								8.2	6.0
WSW	.7	3.5	5.7	.6								11.9	6.6
W	1.7	1.9	2.5	1.1								7.1	6.7
WNW	1.2	1.7	.2	.2								3.4	4.5
NW	1.2	.2										1.4	2.4
NNW	1.1											1.1	2.3
VARBL			4.3	2.5	.2							6.9	10.1
CALM												17.0	
	25.5	27.8	23.1	6.2	.5							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 648

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AF WEATHER SERVICE/MAC

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

SURFACE WINDS

1 7457 SC-HAEBISCH HALL AAF DL 77-82
STATION STATION NAME YEARS
ALL WEATHERED
CLASS
1200-1400
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	.3	1.2										3.5	3.3
NNE	.3	.3										1.7	4.2
NE	.3	.5	.5									1.7	4.5
ENE	.3	2.2	.9	.2								4.0	5.5
E	.3	3.4	2.9	1.2								9.6	6.4
ESE	1.7	3.1	3.4	.5								8.8	6.1
SE	.3	1.9	1.1	.2								3.7	5.5
SSE		1.4										1.4	5.2
S	.3	.6	.5									1.5	5.0
SSW	.3	2.9	.3	.2								4.3	5.0
SW	1.4	1.7	2.2	.5								5.7	6.4
WSW	1.7	2.6	4.2	1.4								9.9	6.9
W	.3	2.9	3.2	2.6	.2							9.9	8.4
WNW	1.9	5.2	1.5									8.6	5.1
NW	1.1	.3										1.9	3.3
NNW	1.9	.6										2.5	2.9
VARBL			5.9	3.2	.3							9.4	10.3
CALM												11.9	
	17.3	31.9	26.5	9.9	.5							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 648

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ AG

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

SURFACE WINDS

17450 STATION SCHAEFELICH HALL AAF DL 77-62 YEARS 307 MONTHS
ALL WEATHER CLASS 1500-1700 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	2.2	.1										3.3	3.1
NNE	.1	1.4	.2									2.3	3.9
NE	.1	1.5	.5									3.1	4.3
ENE	2.1	2.2	.6									5.4	3.9
E	2.2	7.6	3.3	.5								13.4	5.5
ESE	.1	2.5	1.4	.6								5.4	6.4
SE	.3	.9	.3									1.9	4.2
SSE	.2	1.2										1.4	4.1
S	.1	.1	.2									1.4	3.6
SSW	1.1	1.6	.3									3.4	4.2
SW	1.7	2.6	1.1	.8								6.2	6.1
WSW	1.1	2.1	2.5	.8								7.1	6.5
W	1.1	5.4	4.3	2.2	.3							13.4	7.2
WNW	2.2	3.6	1.7	.6								8.1	5.6
NW	1.1	1.1										2.6	2.9
NNW	1.1	.5										2.0	2.8
VARBL			3.1	2.2	.5							5.7	11.0
CALM												13.8	
	2.1	36.2	19.4	7.8	.8							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 694

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17451 STATION 17451 SCHWABISCH HALL AAF DL 73-82 OCT 1800-2000
STATION NAME YEARS MONTH HOURS (L & T)
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	.2									2.1	4.1
NNE	.6	.5	.3									1.4	4.3
NE	.7	.8	.3									n	4.7
ENE	1.0	.8	.2									2.0	3.3
E	6.2	4.6	1.0	.2								12.0	3.6
ESE	2.1	2.7	.6									5.6	4.3
SE	1.0	.7	.3									2.1	3.7
SSE	.7											.5	1.7
S	.6	.6										1.1	3.4
SSW	1.1	1.0	.2									2.2	3.5
SW	3.5	2.1	.5	1.1	.2							7.4	5.3
WSW	2.1	4.5	3.0	1.0	.2							10.7	6.0
W	2.7	2.7	2.7	1.1								9.3	6.1
WNW	1.3	1.0	.6	.2								3.5	4.4
NW	1.0											1.0	2.0
NNW	.5	.3										.8	3.6
VARBL			1.3	1.0	.2	.2						2.6	11.6
CALM												33.2	
	26.2	23.6	11.2	4.5	.5	.2						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 624

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION 10450 STATION NAME AFB BUCH HALL AAF DL YEARS 75, 77-80 MONTH OCT
 CLASS ALL WEATHER HOURS (LST) 130-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0											1.0	3.0
NNE		4.0										4.0	5.0
NE													
ENE	.5	2.0										2.5	3.0
E	.5	5.5	.0	.0								12.9	4.4
ESE	.5	.9										2.4	2.7
SE	.0	.9	.9									2.6	5.0
SSE	.0											.9	1.0
S													
SSW	3.7											3.7	6.3
SW	.4	3.7	1.8	1.8								13.3	5.2
WSW	.0	1.0	.9	1.8								5.5	7.8
W		1.0	.9	3.7								6.4	10.4
WNW	.0			.0								1.0	7.0
NW													
NNW													
VARBL				.0	.9							1.0	14.5
CALM												33.9	
	27.5	22.0	5.0	10.1	.0							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 109

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL-WEATHER SERVICE/AFAC

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

SURFACE WINDS

STATION 140 STATION NAME SCWABISCH HALL AAF DL YEARS 70-80 DAY MONTH 001
CLASS ALL-WEATHER HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.8	.1									2.5	3.2
NNE	.1	.9	.1									1.7	4.3
NE	.1	.7	.4									1.7	4.5
ENE	1.7	1.5	.4	.7								3.3	4.1
E	4.5	4.8	2.7	.6								12.3	4.7
ESE	2.7	3.7	1.5	.3	.1							7.5	5.1
SE	.1	1.1	.5	.1								2.5	4.7
SSE	.2	.1	.1									1.1	4.5
S	.1	.4	.2									1.1	4.1
SSW	1.4	1.7	.5	.7								3.3	4.4
SW	7.3	3.7	1.5	.7	.1							7.5	5.7
WSW	1.7	3.2	3.4	.9	.0							9.3	6.3
W	1.4	3.1	3.7	1.7	.1							9.4	7.2
WNW	1.7	2.4	.8	.2								4.9	5.0
NW	.1	.4										1.4	2.8
NNW	1.7	.3										1.2	2.9
VARBL			3.6	1.9	.2	.0						5.8	10.3
CALM												22.9	
	24.1	2.7	18.0	6.5	.5	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 3316

U.S. AIR FORCE
CENTRAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 45 STATION 00-1AESTICH HALL AAF AL 75-01 YEARS NORTH
STATION NAME
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												2.4	2.0
NNE	1.4	1.3										2.7	3.5
NE		.2	.4									1.1	4.8
ENE	1.4	1.4	1.5	.2								3.8	5.3
E	.4	1.3	.2									4.8	5.2
ESE	2.4	1.8	.5	.2								5.0	4.1
SE		.7	.2	.2								1.6	5.0
SSE		.4										.2	4.0
S		.5	.2									.9	5.0
SSW	.7	1.1	1.1									2.9	5.3
SW	2.4	5.7	2.7	.4								11.3	5.2
WSW		4.5	5.7	3.3	.2							15.1	7.2
W		.7	3.9	3.4	.5	.4						9.5	10.7
WNW	1.1	.7	1.4	.7								3.9	6.9
NW	.7	.2										.9	2.8
NNW	1.1	.5										1.6	3.3
VARBL			1.2	1.1	.5							3.8	11.5
CALM												29.0	
	.4	21.1	19.4	.4	1.3	.4						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 553

CLIMATE CLIMATELOGY BRANCH
 AFSTAC
 AIR FORCE WEATHER SERVICE/AFAC

SURFACE WINDS

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

1 40 STATION 307 ABSELOE HALL AAF DL 70-81 YEARS NOV
 STATION NAME CLASS ALL WEATHER HOURS (LST) 800-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1									.3	2.1
NNE	.1	.1	.1									.3	2.1
NE	.1	.1	.1									.3	2.1
ENE	.1	1.1	.1									.1	2.1
E	3.1	4.1	.7									.7	2.9
ESE	.1	3.7	.5	.3								.3	4.5
SE	1.4	.5	.7	.7								.2	5.7
SSE	.1	.2										.1	5.0
S	.1	.2										.1	2.4
SSW	.1	2.5	.5									.4	5.1
SW	1.1	4.4	3.4	1.2								10.2	5.5
WSW	1.1	5.3	5.1	1.8								13.7	7.3
W	.2	1.2	5.5	4.1	.4	.4						13.1	4.7
WNW	.1	.5	.7	.7								.2	7.1
NW	.1											.1	2.0
NNW	1.1	.4	.4									.3	3.1
VARBL			4.1	1.8	.2							.6	9.2
CALM												.1	
	1.1	20.1	22.4	10.5	.5	.4						100.2	5.2

TOTAL NUMBER OF OBSERVATIONS 564

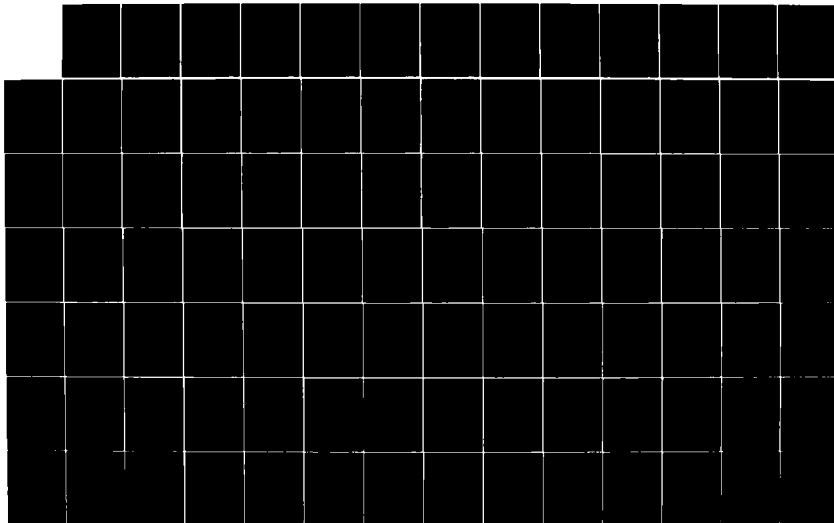
AD-A140 242

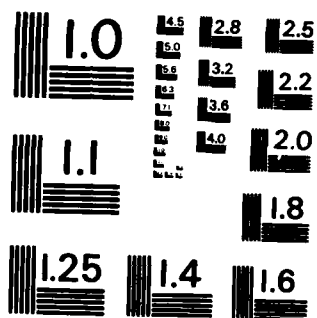
SCHWABISCH HALL WEST GERMANY LIMITED SURFACE
OBSERVATIONS CLIMATIC SUMMA... (U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/VAC

SURFACE WINDS

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

17450 SCHAEFELICH HALL AAF DL

73-82

NGV

STATION

STATION NAME

YEARS

DATE

ALL WEATHER

1200-1800

0000 (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	.2										2.3	2.3
NNE	.2	.7	.5									2.1	4.3
NE	.9	.4	.9	.4								2.5	6.1
ENE	.9	.9	1.4	.2								3.4	6.3
E	3.0	3.7	1.6									8.3	4.3
ESE	1.4	2.7	.7	.2								4.9	4.7
SE	.9	.5	.7	.2								2.3	5.4
SSE		.9										.9	4.6
S	.7	.4	.4									1.4	4.5
SSW	1.5	1.6	.4									3.5	4.1
SW	.9	3.4	3.9	.9								9.0	6.8
WSW	.5	3.0	5.5	3.2	.2							13.3	8.7
W	.5	2.1	7.6	4.4	.2							14.8	9.3
WNW	.9	1.9	1.2	.9								4.9	6.8
NW	1.4	.5	.2									2.1	2.9
NNW	2.5	1.2	.4									4.1	3.4
VARBL		.2	5.8	1.9	1.1							9.0	10.3
CALM												11.1	
	19.1	25.1	31.1	12.2	1.4							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

566

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 7450 STATION SCHWABEISCH HALL AAF DL 73-82 YEARS NCV
STATION NAME CLASS 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.1	.5										1.6	3.1
NNE	.5	.5	.2									1.3	3.9
NE	1.6	1.6	.9	.4								4.5	5.4
ENE	1.4	.9	.5	.2								3.1	4.5
E	2.2	2.7	.9									5.8	4.3
ESE	1.1	1.3	1.3									3.6	5.3
SE	1.1	1.1	.4									2.5	4.4
SSE	.5	.5										1.1	3.3
S	1.1	1.1	.2									2.3	3.8
SSW	1.6	2.9	.7	.2								5.4	4.8
SW	1.1	2.2	2.0	.2	.2							5.6	6.5
WSW	1.3	4.9	4.9	2.5								13.5	7.6
W	2.0	4.3	4.9	4.2	.2							15.5	8.0
WNW	1.8	1.6	1.1	.5								5.1	5.5
NW	.9	.7	.2									1.8	3.9
NNW	2.2	.5										2.7	2.7
VARBL			3.8	2.3	.4							6.5	10.7
CALM												18.1	
	21.5	27.4	21.8	10.5	.7							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 554

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

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

SURFACE WINDS

1 7450 STATION 1 SCHWAEBISCH HALL AAF DL STATION NAME 73-82 YEARS 1800-2000
NOV 1800-2000
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0											.9	2.0
NNE			.4									.9	7.5
NE	.0	.4	1.1	.4								2.4	7.2
ENE	1.7	1.1	.6	.2								3.6	4.5
E	2.3	3.7	.9									6.2	4.5
ESE	1.0	1.5	.2									3.6	3.5
SE	.0	1.5										1.7	4.1
SSE	.3	.9	.2									1.9	3.6
S	.8	.9										1.7	3.8
SSW	.0	1.3	2.1									3.6	6.7
SW	1.1	3.6	2.4	.4	.2							7.7	6.4
WSW	1.1	4.7	4.1	2.1	.8							12.8	7.7
W	.9	3.0	6.2	1.9	.4							12.4	8.0
WNW	1.1	.6	.6									2.3	4.4
NW	.4	.6										.9	4.4
NNW	.6	.8										1.3	3.3
VARB			2.4	3.4	.2	.2						6.2	11.9
CALM												30.5	
	14.5	23.9	21.2	8.3	1.5	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 532

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 745C
STATION

SCHWAEBISCH HALL AAF DL
STATION NAME

76-82
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7											2.9	2.3
NNE		1.0										1.0	4.0
NE	1.0		1.0									1.9	6.0
ENE		1.0	1.0	1.0								2.9	9.7
E	1.9	1.9										3.8	2.8
ESE	1.9	1.9										3.8	4.3
SE		1.0										1.0	6.0
SSE		1.0										1.0	6.0
S	1.0	1.0										1.9	3.0
SSW	1.0	2.9	1.0									4.8	5.0
SW	1.9	1.0	2.9			1.0						6.7	9.1
WSW	6.7	5.8	1.9	1.9	1.0							17.3	6.0
W	1.0	1.0	6.7	1.0	1.0							10.6	9.8
WNW		1.0	1.9									2.9	7.3
NW	1.0											1.0	2.0
NNW	1.0											1.0	2.0
VARBL			1.9									1.9	9.0
CALM												33.7	
	21.2	20.2	18.3	3.8	1.9	1.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 104

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17450 SCHWAEBISCH HALL AAF DL 73-82 NOV
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	1.1	.1										1.3	2.4
NNE	.6	.7	.2									1.5	4.2
NE	.9	.6	.8	.2								2.5	5.8
ENE	1.1	1.1	1.0	.2								3.4	5.4
E	2.9	2.9	.8									6.7	4.0
ESE	1.3	2.2	.6	.1								4.7	4.4
SE	.8	.9	.3	.2								2.2	5.0
SSE	.3	.6	.3									1.0	3.8
S	.7	.6	.1									1.5	3.9
SSW	.9	1.9	.9	.0								3.8	5.2
SW	1.5	3.8	2.9	.6	.1	.0						8.8	6.3
WSW	1.7	4.7	4.8	2.4	.2							13.8	7.6
W	1.0	2.3	5.7	3.5	.3	.1						13.0	9.1
WNW	1.1	1.1	1.1	.6								3.9	6.3
NW	.9	.4	.1									1.4	3.2
NNW	1.6	.7	.1									2.4	3.1
VARBL		.0	3.7	2.0	.5	.0						6.3	10.6
CALM												22.1	
	19.0	24.6	23.2	9.8	1.1	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17450 STATION SCHWABISCH HALL AAF DL 73-82 YEARS DEC
STATION NAME CLASS 0600-0800
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9											.9	1.6
NNE	.4		.2									.6	3.7
NE	.4	.2	.9	.4								1.8	7.9
ENE	1.5	1.5	1.3	.2								4.4	5.4
E	5.1	5.3	2.2	.7								13.4	4.9
ESE	.9	2.2	.7	.2								4.0	4.9
SE	.9	.6	.6									2.0	4.6
SSE		.2	.2									.4	7.0
S	.4	.6	.2	.2								1.3	5.6
SSW	.7	2.2	1.3	.4								4.6	6.4
SW	1.1	3.1	4.0	1.5								9.7	7.2
WSW	1.3	4.3	4.2	3.9	.9	.6						15.6	9.6
W	.7	1.8	2.8	2.2	1.5	.6	.2					9.7	11.2
WNW	.2	.4	.7	.9	.2							2.4	10.5
NW		.4										.4	4.5
NNW	.6											.6	2.7
VARBL			2.4	2.9	.4	.2						5.9	11.6
CALM												22.4	
	15.0	23.1	21.7	13.4	2.9	1.3	.2					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 595

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

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

SURFACE WINDS

1 7450 SCHWAEBISCH HALL AAF DL 73-82 DEC
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
OBSERVATION
0900-1100
MOON (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.3									1.5	3.8
NNE	.2	.3	.7									1.1	6.9
NE		.3	.3									.7	6.5
ENE	1.5	1.1	1.8									4.9	5.9
E	4.3	7.6	2.5	.8								15.1	5.1
ESE	.7	1.8	1.1	.3								3.9	6.3
SE	.7	1.1										1.8	4.2
SSE	.5	.2	.8									1.5	5.7
S	.3	.8	.7	.3								2.1	6.5
SSW	1.0	1.6	2.0									4.6	5.8
SW	1.3	2.6	3.1	3.6	.5							11.7	8.9
WSW	1.1	2.9	4.1	3.8	.3	.3						12.5	9.3
W	1.5	2.1	3.8	3.8	.5	.7						12.3	9.9
WNW	.3	.3	1.6	.3								2.6	7.8
NW	.3	.2										.5	3.0
NNW	.3	.3										.7	3.0
VARBL			1.6	2.6	.5	.2						4.9	12.3
CALM												18.1	
	15.3	23.6	24.5	15.6	1.8	1.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 609

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 7450 SCHWAEBISCH HALL AAF DL 73-82 DEC
STATION MONTH
ALL WEATHER
CLASS
CORRECTION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.2										.3	3.5
NNE		.7										.7	5.8
NE	.5	.3	1.0									1.8	5.7
ENE	.3	1.2	.8	.3								2.7	6.3
E	4.0	6.5	4.5	1.0								15.9	5.6
ESE	1.2	1.5	1.0	.2								3.8	5.4
SE	.5	.5	.5									1.5	5.2
SSE	.7	.3	.3	.2								1.5	5.7
S	.3	.5	.5	.2								1.5	6.3
SSW	.8	1.8	.5	1.2								4.3	6.8
SW	1.3	4.9	3.5	2.5	.5	.2						12.8	8.1
WSW	1.9	4.3	3.5	3.5	1.0	.5						14.6	9.0
W	.7	2.8	4.5	4.1	.5	.5						13.1	9.8
WNW	1.7	1.3	1.5	.3	.3							5.1	6.6
NW	.8	.3	.2									1.3	3.9
NNW	1.0	.7										1.7	2.8
VARBL			2.0	2.5	1.0	.3						5.8	13.8
CALM												11.6	
	15.8	27.7	44.2	15.9	3.3	1.5						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 603

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 17450 SCHAEFISCH HALL AAF DL 73-82 YEARS DEC
STATION NAME ALL WEATHER CLASS 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5											.5	1.3
NNE	.4	.5										.9	3.8
NE	.5	.5	.5									1.6	4.9
ENE	1.2	1.8	.9									3.9	4.8
E	3.7	7.6	2.6									13.9	4.8
ESE	.7	1.6	1.2	.4								3.9	6.7
SE	.9	.5	.7									2.1	5.0
SSE		.4	.4									.7	5.8
S	.4	.5	.2	.4								1.4	6.3
SSW	1.8	1.2	.7	.7								4.4	5.8
SW	2.1	3.7	1.4	1.2								7.7	6.3
WSW	2.1	2.3	5.4	3.7	.7	.4						14.6	9.3
W	1.9	5.6	3.0	4.0	.5	.2						15.3	8.3
WNW	1.2	1.1	1.8	.5	.2							4.7	6.6
NW	1.2	.7	.2	.2	.2							2.5	5.1
NNW	1.1	.4										1.4	2.6
VARB.			1.6	3.0	.9	.5	.2					6.2	14.4
CALM												14.4	
	19.7	27.6	20.6	14.1	2.5	1.1	.2					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 569

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

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

SURFACE WINDS

1 7450 SCHWAEBISCH HALL AAF DL 73-82 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
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											.5	2.5
NNE	.3	.3	.3	.3								1.1	7.3
NE	.7	.3										.5	3.0
ENE	2.1	.8	.8									3.7	4.1
E	2.1	3.7	1.6	.5								8.0	5.4
ESE	1.1	1.6	.3	.3								3.2	5.1
SE	1.3	.8	.3									2.4	3.8
SSE	.8		.5									1.3	4.6
S	.3	.3	.5									1.6	5.8
SSW	1.1	2.7	1.9									5.6	5.6
SW	3.2	2.9	3.4	1.3								10.9	6.0
WSW	1.3	4.2	4.2	3.2	1.1							14.1	8.7
W	1.3	3.4	2.1	2.7	1.6	.3						11.4	9.7
WNW	.5	2.7	1.1	.5								4.8	5.9
NW	.3	.3										.5	4.0
NNW	1.1											1.1	2.3
VARBL			1.6	4.5	.3	.5						6.9	13.3
CALM												22.5	
	17.5	24.4	18.6	13.3	2.9	.8						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 377

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

1 0452 SCHWAEBISCH HALL AAF DL 76-62 D.C.
STATION STATION NAME YEARS
ALL WEATHER
CLASS
2130-2300
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													
NNE													
NE	1.3											1.3	2.0
ENE													
E	3.9	6.6	1.3	1.3								13.2	5.1
ESE	1.3		1.3	1.3								3.9	7.3
SE	3.9											3.9	2.7
SSE													
S		1.3	1.3									2.6	6.0
SSW	1.3		3.9									5.3	6.3
SW	2.6	2.6	2.6	2.6								10.5	7.3
WSW	3.9	5.3	3.9	2.6								15.8	6.3
W	2.6		5.3			1.3						9.2	9.1
WNW				2.6								2.6	12.0
NW													
NNW													
VARBL			1.3									1.3	8.0
CALM												10.3	
	21.1	15.8	21.1	10.5		1.3						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 76

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1 7450 SCHWAEBISCH HALL AAF DL 73-82

STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

DATE

HOW OBSERVED

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.1	.1									.2	2.8
NNE	.0	.4	.2	.0								.3	5.7
NE	.4	.3	.6	.1								1.3	5.9
ENE	1.2	1.3	1.1	.1								3.7	5.4
E	4.0	6.3	2.7	.6								13.7	5.1
ESE	.0	1.7	.9	.3								3.9	5.8
SE	.0	.7	.4									2.0	4.5
SSE	.4	.2	.4	.0								1.0	5.6
S	.1	.6	.4	.2								1.6	6.2
SSW	1.1	1.0	1.3	.5								4.6	6.1
SW	1.0	3.3	3.1	2.1	.2	.0						10.6	7.4
WSW	1.6	3.7	4.3	3.6	.8	.4						14.3	9.1
W	1.3	3.1	3.4	3.3	.8	.5	.0					12.4	9.6
WNW	.3	1.0	1.3	.6	.1							3.9	7.2
NW	.0	.4	.1	.0	.0							1.0	4.3
NNW	.0	.3										1.0	2.7
VARBL			1.0	2.9	.6	.3	.0					5.7	13.1
CALM												17.7	
	16.7	25.1	22.2	14.5	2.6	1.2	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

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

SURFACE WINDS

STATION 1450 SCHAEFELICH HALL AAF DL YEARS 77-83 ALL
STATION NAME CLASS HOURS (LST.)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.9	.2	.0								2.7	3.3
NNE	1.0	1.1	.4	.0								2.5	4.5
NE	.2	1.3	.8	.2	.0							3.2	5.4
ENE	1.6	1.7	1.0	.3	.0							4.5	5.3
E	3.5	3.6	1.7	.4	.0							9.3	4.8
ESE	1.4	1.5	1.1	.2	.0							4.6	5.3
SE	.2	.7	.4	.0								1.7	4.9
SSE	.3	.4	.2	.0								.9	4.6
S	.0	.4	.2	.0								1.2	4.7
SSW	1.0	1.4	.7	.1	.0							3.2	5.2
SW	1.5	2.4	1.6	.5	.0	.0						6.1	6.0
WSW	1.7	3.3	3.1	1.4	.2	.0						9.8	7.1
W	1.7	3.2	4.5	2.4	.5	.1	.0					12.5	8.3
WNW	1.0	2.3	1.6	.5	.0							6.0	5.9
NW	1.2	1.7	.3	.0	.0							2.5	4.0
NNW	1.6	1.1	.2	.0								2.8	3.5
VARBL	.0	.1	4.7	1.5	.2	.1	.0					5.9	10.1
CALM												20.5	
	21.7	26.6	22.0	7.8	1.0	.2	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 37358

GLOBAL CLIMATOLOGY SPANCH
USAFETAC
AIR WEATHER SERVICE/AC

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

SURFACE WINDS

STATION 17457 SCHWAEBISCH HALL AAF DL YEARS 73-83
INSTRUMENT CLASS
CONDITION
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	.7	.2									3.0	3.2
NNE	1.7	1.2	.5	.1								2.8	4.6
NE	.9	1.4	1.1	.1								3.5	5.6
ENE	1.4	1.5	.8	.1								3.8	4.8
E	3.2	3.4	1.7	.3								9.2	4.7
ESE	1.2	2.0	.8	.2								4.3	5.3
SE	.5	1.0	.4	.0								1.9	4.9
SSE	.2	.3	.1									.6	4.1
S	.3	.1	.1	.0								.5	4.3
SSW	.5	.7	.3	.0	.0							1.6	4.7
SW	1.4	2.0	1.2	.3								4.9	5.4
WSW	1.0	3.5	3.5	1.7	.1							10.5	7.3
W	1.0	4.3	6.3	3.5	.7	.2	.0					16.9	8.7
WNW	1.6	2.4	1.9	.7	.1							6.7	6.4
NW	1.3	.6	.1	.0	.0							2.2	3.6
NNW	1.5	1.0	.2	.0								2.7	3.7
VARBL		.0	2.2	1.4	.2	.0						3.8	10.6
CALM												21.0	
	21.4	26.2	21.4	8.6	1.2	.2	.0					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7399

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

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

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

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

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

Beginning in January 1968, METAR stations report visibilities to 6 miles and then 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)

EXAMPLE FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING																
≥ 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 ≥ 900 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.
Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 45 STATION NAME SCHWABISCH HALL AAF DL

74-87

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS, LST

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	≥10 GE19	≥6 GE90	≥5 GE87	≥4 GE60	≥3 GE48	≥2 GE40	≥2 GE37	≥1 GE24	≥1 GE20	≥1 GE16	≥1 GE12	≥1 GE10	≥1 GE08	≥1 GE05	≥1 GE04	≥0 GE00				
NO CEILING	.1	6.9	7.8	11.1	13.7	14.2	15.5	18.8	19.4	20.4	20.8	21.1	21.1	22.1	22.7	22.9				
≥ 20000	.4	8.5	9.5	12.9	15.8	16.3	17.6	20.9	21.6	22.5	22.9	23.2	23.2	24.3	25.0	25.2				
≥ 18000	.4	8.5	9.5	12.9	15.8	16.3	17.6	20.9	21.6	22.5	22.9	23.2	23.2	24.3	25.0	25.2				
≥ 16000	.4	8.5	9.5	12.9	15.8	16.3	17.6	20.9	21.6	22.5	22.9	23.2	23.2	24.3	25.0	25.2				
≥ 14000	.4	8.5	9.5	12.9	15.8	16.3	17.6	20.9	21.6	22.5	22.9	23.2	23.2	24.3	25.0	25.2				
≥ 12000	.5	8.7	9.8	13.2	16.2	16.7	18.0	21.2	21.9	22.9	23.2	23.5	23.5	24.7	25.3	25.5				
≥ 10000	.7	9.6	10.8	14.2	17.2	17.6	19.0	22.2	22.7	24.0	24.3	24.7	24.7	25.8	26.5	26.6				
≥ 9000	.5	10.1	11.3	14.7	17.6	18.1	19.4	22.7	23.4	24.5	24.8	25.2	25.2	26.3	27.0	27.1				
≥ 8000	.2	12.7	14.1	17.5	20.4	20.9	22.2	25.5	26.1	27.3	27.5	27.9	27.9	29.1	29.7	29.9				
≥ 7000	.3	13.1	14.4	18.0	20.9	21.4	22.9	26.1	26.8	27.9	28.3	28.6	28.6	29.7	30.4	30.6				
≥ 6000	0.0	14.2	15.5	19.1	22.1	22.5	24.0	27.3	27.9	29.1	29.4	29.7	29.7	30.9	31.5	31.7				
≥ 5000	1.0	15.2	16.5	20.3	23.5	24.0	25.5	28.9	29.6	30.7	31.0	31.4	31.4	32.5	33.2	33.3				
≥ 4500	11.7	17.3	18.6	22.5	25.8	26.3	28.3	32.0	32.7	33.8	34.2	34.5	34.5	35.6	36.3	36.4				
≥ 4000	13.9	19.8	21.1	26.5	29.7	30.2	32.2	35.9	36.8	37.9	38.2	38.6	38.6	39.7	40.4	40.5				
≥ 3500	18.5	22.7	24.8	31.0	34.3	35.0	36.9	40.7	41.5	42.6	43.0	43.3	43.3	44.4	45.1	45.3				
≥ 3000	10.1	25.8	28.1	35.1	38.6	39.5	42.0	45.9	46.9	48.0	48.4	48.7	48.7	49.8	50.5	50.7				
≥ 2500	10.3	27.6	29.9	37.4	41.0	42.0	44.6	49.0	50.2	51.3	51.6	52.0	52.0	53.1	53.8	53.9				
≥ 2000	20.0	32.4	34.8	43.6	47.7	49.0	52.1	56.7	57.8	59.0	59.3	59.6	59.6	60.8	61.4	61.6				
≥ 1800	23.0	33.0	35.6	44.6	48.7	50.0	53.3	58.0	59.3	60.5	60.8	61.1	61.1	62.4	63.1	63.2				
≥ 1600	25.0	35.9	38.7	48.0	52.6	54.4	58.5	64.1	65.4	66.5	66.8	67.2	67.2	68.5	69.1	69.3				
≥ 1400	27.2	39.4	42.5	53.1	58.0	60.3	64.7	70.6	71.9	73.7	74.0	74.3	74.3	75.7	76.3	76.5				
≥ 1200	29.1	41.0	44.4	55.6	60.8	63.2	67.6	74.0	75.8	77.9	78.3	78.6	78.6	79.9	80.6	80.7				
≥ 1000	29.9	42.3	45.9	57.0	62.7	65.2	70.4	76.8	78.6	80.7	81.0	81.4	81.4	82.7	83.3	83.5				
≥ 900	30.0	43.1	46.7	58.3	64.2	66.8	72.5	79.1	81.2	83.3	83.7	84.0	84.0	85.3	85.9	86.1				
≥ 800	31.4	44.0	47.5	59.8	66.3	69.0	76.1	83.2	85.3	87.4	87.7	88.1	88.1	89.4	90.0	90.2				
≥ 700	31.4	44.3	48.0	60.5	67.5	70.3	77.8	85.0	87.1	89.7	90.0	90.4	90.4	91.7	92.3	92.5				
≥ 600	32.0	44.9	48.7	61.1	68.1	70.9	78.6	85.9	88.1	91.3	91.7	92.0	92.0	93.3	94.0	94.1				
≥ 500	32.0	45.1	48.9	61.8	68.8	71.6	79.4	86.8	89.9	93.6	94.0	94.3	94.3	95.6	96.2	96.4				
≥ 400	32.0	45.1	48.9	61.8	68.8	71.6	79.4	86.8	89.9	93.6	94.0	94.3	94.3	95.6	96.2	96.4				
≥ 300	32.0	45.1	48.9	61.8	68.8	71.6	79.4	86.8	89.9	93.6	94.0	94.3	94.3	95.6	96.2	96.4				
≥ 200	32.0	45.1	48.9	61.8	68.8	71.6	79.4	86.8	89.9	93.6	94.0	94.3	94.3	95.6	96.2	96.4				
≥ 100	32.0	45.1	48.9	61.8	68.8	71.6	79.4	86.8	89.9	93.6	94.0	94.3	94.3	95.6	96.2	96.4				
≥ 0	32.0	45.1	48.9	61.8	68.8	71.6	79.4	86.8	89.9	93.6	94.0	94.3	94.3	95.6	96.2	96.4				

TOTAL NUMBER OF OBSERVATIONS 612

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
A. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 107450 S H. AEBISCH HALL AAF DL

74-83

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100

LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE10	26 GE26	25 GE25	24 GE24	23 GE23	22 GE22	21 GE21	20 GE20	19 GE19	18 GE18	17 GE17	16 GE16	15 GE15	14 GE14	13 GE13	12 GE12
NO CEILING ≥ 20000	5.7	8.6	12.1	13.4	14.6	16.9	18.1	18.6	19.4	19.4	20.0	20.2	20.5	20.7	20.7	20.7
IV 18000	0.0	12.2	13.2	16.5	18.1	19.4	21.8	23.1	23.5	24.3	24.3	25.0	25.1	25.4	25.8	25.8
IV 16000	0.0	12.2	13.2	16.5	18.1	19.4	21.8	23.1	23.5	24.3	24.3	25.0	25.1	25.4	25.8	25.8
IV 14000	1.3	12.6	13.5	16.9	18.4	19.7	22.1	23.4	23.8	24.6	24.6	25.3	25.4	25.8	26.1	26.1
IV 12000	1.0	13.4	14.3	17.6	19.2	20.5	22.9	24.2	24.6	25.4	25.4	26.1	26.2	26.7	27.0	27.0
IV 10000	1.3	14.6	15.6	19.4	21.0	22.6	25.1	26.6	27.7	28.0	28.0	28.6	28.8	29.3	29.6	29.6
IV 9000	1.3	15.7	16.9	20.7	22.3	23.8	26.4	27.8	28.3	29.3	29.3	29.9	30.0	30.5	30.8	30.8
IV 8000	1.4	16.3	19.2	23.1	24.6	26.2	28.9	30.4	30.8	31.8	31.8	32.4	32.6	33.1	33.5	33.5
IV 7000	1.4	19.9	20.8	24.8	26.4	28.0	31.1	32.4	32.9	33.9	33.9	34.5	34.7	35.1	35.6	35.6
IV 6000	16.4	19.9	21.8	25.0	26.6	28.1	31.2	32.6	33.1	34.0	34.0	34.7	34.8	35.3	35.8	35.8
IV 5000	16.4	21.3	21.6	26.1	27.8	29.4	32.4	33.9	34.3	35.3	35.3	35.9	36.1	36.6	37.0	37.0
IV 4500	18.6	22.3	23.5	28.0	29.9	31.5	34.7	36.4	36.9	37.8	37.8	38.5	38.6	39.1	39.6	39.6
IV 4000	21.3	24.5	25.8	30.4	32.4	34.0	37.5	39.3	39.7	40.7	40.7	41.3	41.5	42.1	42.4	42.4
IV 3500	22.3	26.9	28.3	33.4	35.8	37.5	41.2	43.1	43.6	44.5	44.5	45.2	45.3	45.8	46.3	46.3
IV 3000	23.5	29.1	30.7	36.1	38.6	40.4	44.7	47.1	47.9	48.8	48.8	49.4	49.6	50.1	50.6	50.6
IV 2500	25.4	31.3	31.9	39.0	41.5	43.2	47.2	50.7	51.5	52.5	52.5	53.1	53.3	53.7	54.2	54.2
IV 2000	27.1	35.5	37.4	43.9	46.4	48.2	53.3	57.1	58.0	59.0	59.0	59.6	59.8	60.3	60.7	60.7
IV 1800	30.0	36.7	39.0	45.5	48.7	49.8	54.8	59.3	59.9	60.9	60.9	61.5	61.7	62.2	62.8	63.0
IV 1500	31.1	40.5	43.1	50.7	53.3	55.0	60.3	64.5	65.5	66.6	66.6	67.2	67.4	67.9	68.5	68.7
IV 1200	31.1	43.2	45.9	54.7	57.9	59.8	65.5	69.8	70.9	72.5	72.5	73.1	73.3	73.8	74.4	74.6
IV 1000	36.6	45.8	48.6	59.1	62.6	64.7	70.9	75.7	76.9	78.9	78.9	79.5	79.7	80.1	80.8	80.9
IV 900	37.6	47.1	50.1	61.2	65.2	67.2	73.9	78.9	80.3	82.2	82.2	82.8	83.7	83.9	84.1	84.3
IV 800	38.6	48.3	52.1	63.4	67.4	70.1	77.1	82.7	84.1	86.2	86.2	86.8	87.1	87.6	88.2	88.4
IV 700	39.0	48.5	52.3	64.2	69.0	71.4	79.7	86.0	87.6	89.7	89.7	90.3	90.8	91.3	91.9	92.1
IV 600	39.1	48.6	52.6	65.5	70.4	72.8	81.4	88.6	90.3	92.4	92.4	93.0	93.6	94.1	94.8	94.9
IV 500	39.1	48.6	52.9	65.7	71.6	73.0	81.7	90.0	91.7	94.3	94.3	95.1	95.7	96.3	97.1	97.3
IV 400	39.1	48.6	52.9	65.7	71.6	73.0	81.9	90.5	92.4	95.1	95.2	95.9	96.5	97.1	98.1	98.3
IV 300	39.1	48.6	52.9	65.7	71.6	73.0	81.9	90.5	92.5	95.2	95.4	96.0	96.7	97.3	98.3	98.4
IV 200	39.1	48.6	52.9	65.7	71.6	73.0	81.9	90.5	92.5	95.2	95.4	96.0	96.7	97.3	98.4	98.4
IV 100	39.1	48.6	52.9	65.7	71.6	73.0	81.9	90.5	92.5	95.2	95.4	96.0	96.7	97.3	98.4	98.4
IV 0	39.1	48.6	52.9	65.7	71.6	73.0	81.9	90.5	92.5	95.2	95.4	96.0	96.7	97.3	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 629

FEDERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 457
STATION

SCHAEBI CH HALL AAF DL
STATION NAME

74-83
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-14.0
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT 9	≥6 EC 90	≥5 GE 87	≥4 GE 69	≥3 GE 48	≥2.5 GE 40	≥2 GE 32	≥1.5 GE 24	≥1 GE 16	≥0.5 GE 12	≥0.25 GE 10	≥0.15 GE 8	≥0.1 GE 6	≥0.05 GE 3	≥0.025 GE 1.5	≥0.01 GE 0.5
NO CEILING	9.1	9.5	9.8	15.2	17.3	17.7	19.	19.3	19.5	20.4	20.8	20.8	20.8	20.8	20.8	20.9
≥ 20000	0.3	13.3	14.1	19.7	21.9	22.3	23.9	24.2	24.9	26.1	26.6	26.6	26.6	26.6	26.6	26.8
≥ 18000	0.3	13.5	14.3	19.8	22.1	22.5	23.9	24.4	25.0	26.3	26.8	26.8	26.8	26.8	26.9	26.9
≥ 16000	0.1	13.4	14.4	20.0	22.2	22.7	24.1	24.6	25.2	26.5	26.9	26.9	26.9	26.9	26.9	27.1
≥ 14000	1.6	14.3	15.1	20.6	22.8	23.3	24.7	25.2	25.8	27.1	27.6	27.6	27.6	27.6	27.6	27.7
≥ 12000	12.0	16.7	16.8	22.3	24.6	25.1	26.5	26.9	27.6	28.8	29.3	29.3	29.3	29.3	29.3	29.5
≥ 10000	13.3	17.4	18.2	24.2	26.5	26.9	28.4	28.8	29.5	30.7	31.2	31.2	31.2	31.2	31.2	31.4
≥ 9000	14.3	18.4	19.2	25.2	27.4	27.9	29.3	29.8	30.4	31.7	32.2	32.2	32.2	32.2	32.2	32.3
≥ 8000	17.7	22.5	23.3	29.5	31.7	32.2	33.8	34.2	34.7	36.3	36.8	36.8	36.8	36.8	36.8	36.9
≥ 7000	17.3	24.2	25.1	31.2	33.4	33.9	36.1	36.6	37.2	38.7	39.1	39.1	39.1	39.1	39.1	39.3
≥ 6000	17.7	24.4	25.4	31.5	33.8	34.2	36.5	36.9	37.6	39.1	39.5	39.5	39.5	39.5	39.5	39.6
≥ 5000	1.2	26.5	27.3	33.6	35.8	36.3	38.5	39.0	39.6	41.0	41.5	41.5	41.5	41.5	41.5	41.7
≥ 4500	22.0	27.6	28.4	34.7	36.9	37.4	39.8	40.3	40.9	42.3	42.8	42.8	42.8	42.8	42.8	42.9
≥ 4000	21.2	30.3	31.1	37.7	39.9	40.4	43.1	43.6	44.2	45.6	46.1	46.1	46.1	46.1	46.1	46.3
≥ 3500	26.1	32.2	33.1	39.9	42.5	42.9	45.6	46.3	46.9	48.3	48.8	48.8	48.8	48.8	48.8	49.0
≥ 3000	27.6	34.2	35.2	43.3	45.8	46.4	49.3	49.9	50.9	52.5	52.9	52.9	52.9	52.9	52.9	53.1
≥ 2500	30.1	37.2	38.8	47.5	50.4	51.2	54.0	54.8	55.8	57.5	58.1	58.0	58.0	58.0	58.0	58.2
≥ 2000	32.5	40.4	42.7	51.3	54.2	55.0	58.2	59.4	60.4	62.1	62.6	62.6	62.6	62.6	62.6	62.8
≥ 1800	33.3	41.5	43.1	52.8	55.6	56.4	59.6	60.9	61.8	63.5	64.0	64.0	64.0	64.0	64.0	64.2
≥ 1500	37.6	46.3	48.5	58.3	61.8	62.6	66.2	67.5	68.5	70.4	70.8	70.8	70.8	70.8	70.8	71.0
≥ 1200	40.4	49.4	52.1	62.6	66.4	67.4	71.6	73.7	74.6	76.7	77.2	77.2	77.2	77.2	77.2	77.3
≥ 1000	42.5	52.8	55.9	68.5	72.7	73.7	78.3	81.0	82.1	84.8	85.3	85.3	85.3	85.3	85.3	85.4
≥ 900	43.3	53.4	56.6	70.0	74.3	75.4	80.3	83.0	84.5	87.2	87.6	87.6	87.6	87.6	87.6	88.0
≥ 800	43.3	54.7	57.5	71.3	75.9	77.3	82.7	85.4	87.0	89.7	90.2	90.2	90.2	90.2	90.2	90.5
≥ 700	43.7	54.8	58.3	73.2	78.4	80.2	85.9	88.7	90.3	93.0	93.5	93.7	94.0	94.0	94.0	94.1
≥ 600	43.7	54.8	58.3	73.9	79.4	81.1	87.1	90.0	91.8	94.5	94.9	95.2	95.6	95.7	95.7	95.9
≥ 500	43.7	54.8	58.3	74.0	79.7	81.5	88.0	91.1	93.3	96.4	96.8	97.3	97.6	97.8	97.8	97.9
≥ 400	43.7	54.8	58.3	74.3	80.0	81.8	88.3	91.4	93.7	96.7	97.1	97.8	98.3	98.4	98.4	98.6
≥ 300	43.7	54.8	58.3	74.3	80.0	81.8	88.3	91.4	93.7	96.8	97.3	97.9	98.4	98.6	98.6	98.7
≥ 200	43.7	54.8	58.3	74.3	80.0	81.8	88.3	91.4	93.7	96.8	97.3	97.9	98.4	98.7	98.7	98.9
≥ 100	43.7	54.8	58.3	74.3	80.0	81.8	88.3	91.4	93.7	96.8	97.3	97.9	98.4	98.9	98.9	99.4
≥ 0	43.7	54.8	58.3	74.3	80.0	81.8	88.3	91.4	93.7	96.8	97.3	97.9	98.4	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 611

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 95 SCHWABISCH HALL AAF DL

74-87

1 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET		VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)																
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	
NO CEILING	≥ 20000	5.5	1.6	11.7	16.5	17.8	18.1	19.8	21.5	20.6	21.4	21.9	21.9	22.1	22.1	22.1	22.1	11.7	14.6	15.7	20.8	22.2	22.6	24.3	25.3	25.3	26.1	26.7	26.7	26.9	27.0	27.0	27.0	27.0
≥ 18000	11.7	14.6	15.7	20.8	22.2	22.6	24.3	25.3	25.3	26.1	26.7	26.7	27.2	27.2	27.4	27.4	27.4	27.2	27.2	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	
≥ 16000	11.7	14.6	15.8	21.3	22.7	23.1	24.8	25.4	25.8	26.6	27.2	27.2	27.4	27.4	27.4	27.4	27.4	27.2	27.2	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	
≥ 14000	11.7	14.9	16.7	21.4	22.9	23.2	25.0	25.6	25.9	26.7	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.2	27.2	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	
≥ 12000	11.7	17.6	18.7	24.2	25.6	25.9	27.7	28.3	28.6	29.4	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	
≥ 10000	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 8000	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 6000	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 4000	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 2500	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 2000	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 1800	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 1600	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 1400	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 1200	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 1000	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 800	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 600	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 400	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 200	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 100	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
≥ 0	15.7	16.4	2.6	26.4	27.8	28.2	29.9	31.6	30.9	31.7	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	

TOTAL NUMBER OF OBSERVATIONS 625

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 457 SCHWABEICH HALL AAF DL

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1930-2000

CEILING FEET	VISIBILITY, STATUTE MILES										OR (HUNDREDS OF METERS)									
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5
25000	5.4	8.2	8.6	14.1	16.6	17.3	19.5	20.3	21.6	23.5	27.9	24.1	24.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6
24000	5.4	11.4	11.8	17.8	20.7	22.1	23.5	25.3	26.6	28.5	28.9	29.1	29.1	29.6	29.6	29.6	29.6	29.6	29.6	29.6
23000	5.4	11.4	12.5	18.5	21.4	22.8	24.2	26.0	27.3	29.2	29.6	29.8	29.8	30.3	30.3	30.3	30.3	30.3	30.3	30.3
22000	5.4	11.4	12.5	18.5	21.4	22.8	24.2	26.0	27.3	29.2	29.6	29.8	29.8	30.3	30.3	30.3	30.3	30.3	30.3	30.3
21000	5.4	11.9	13.0	19.1	21.0	23.4	24.8	26.6	27.8	29.8	30.1	30.3	30.3	30.8	30.8	30.8	30.8	30.8	30.8	30.8
20000	5.4	12.8	13.9	20.0	22.8	24.2	25.7	27.5	28.7	30.7	31.0	31.2	31.2	31.7	31.7	31.7	31.7	31.7	31.7	31.7
19000	5.4	13.9	15.5	21.6	24.8	26.2	27.6	29.4	30.7	32.6	33.2	33.3	33.3	33.9	33.9	33.9	33.9	33.9	33.9	33.9
18000	11.4	17.5	20.5	26.4	29.6	31.0	32.4	34.2	35.5	37.4	38.7	38.1	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7
17000	12.7	18.2	21.0	27.5	30.8	32.4	33.9	35.8	37.3	39.2	39.8	39.9	39.9	40.5	40.5	40.5	40.5	40.5	40.5	40.5
16000	12.7	18.2	21.0	27.5	30.8	32.4	33.9	35.8	37.3	39.2	39.8	39.9	39.9	40.5	40.5	40.5	40.5	40.5	40.5	40.5
15000	12.7	18.2	21.0	27.5	30.8	32.4	33.9	35.8	37.3	39.2	39.8	39.9	39.9	40.5	40.5	40.5	40.5	40.5	40.5	40.5
14000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
13000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
12000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
11000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
10000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
9000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
8000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
7000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
6000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
5000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
4000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
3000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
2000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
1000	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
500	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0
0	14.1	20.7	24.1	30.5	33.9	36.7	37.4	39.4	40.9	42.8	43.3	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0

TOTAL NUMBER OF OBSERVATIONS 561

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

CENTRAL CLIMATOLOGY BRANCH
ETAC
AIR FORCE THER SERVICE/MAC

CEILING VERSUS VISIBILITY

1450 SCHWABERICH HALL AAF DL

77-83

145

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET		VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)															
		230	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	230	24	25	26	27	28	29	30	31	32	33	34	35	36		
2300	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
2000	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
1800	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
1600	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
1400	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
1200	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
1000	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
800	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
600	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
400	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
200	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
100	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
50	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
25	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
10	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
5	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
2	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			
1	5.8	6.7	12.5	17.3	2.2	27.1	23.1	25.0	27.9	28.8	37.8	33.7	33.7	34.6	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6			

TOTAL NUMBER OF OBSERVATIONS 108

USAF ETAC 104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-87

142

All

TOTAL NUMBER OF OBSERVATIONS 3162

USAF ETAC FORM 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
 ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4502 301 AFB TCH HALL AAF DL

74-87

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-6600

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950
10000	11.3	16.4	19.2	21.6	23.7	24.1	24.8	26.1	28.8	29.2	29.2	29.2	29.4	29.6	31.1	31.5
8000	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
6000	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
4000	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
2000	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
1000	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
800	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
600	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
400	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
200	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
100	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
80	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
60	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
40	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
20	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
10	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
5	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
2	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
1	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2
0	11.3	17.3	20.4	24.6	26.7	27.1	27.8	31.3	32.7	32.4	32.4	32.6	32.7	33.1	33.8	35.2

TOTAL NUMBER OF OBSERVATIONS 565

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

CEILING VERSUS VISIBILITY

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1992-1993

CO (HUNDREDS OF METERS)

TOTAL NUMBER OF OBSERVATIONS 577

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

CEILING CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 40 SCHAEFELICH HALL AAF DL

74-67

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10-2-1400

CEILING (FEET)	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1 1000	1.3	23.4	27.9	26.7	29.3	31.2	31.9	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
2 800	1.9	27.4	28.3	32.1	35.3	36.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.9	38.9
3 600	2.1	24.1	29.0	32.8	36.0	37.0	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.6	39.6	39.6
4 400	2.1	24.1	29.0	32.8	36.0	37.0	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.6	39.6	39.6
5 200	2.5	28.1	29.7	32.8	36.0	37.0	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.6	39.6	39.6
6 000	2.0	2.3	29.1	33.1	36.3	37.3	39.1	39.6	39.6	39.6	39.6	39.6	39.6	40.0	40.0	40.0
7 800	21.1	25.3	30.2	34.2	37.5	38.6	41.3	41.0	41.0	41.0	41.0	41.0	41.0	41.2	41.2	41.2
8 600	2.1	30.2	31.1	35.3	38.6	39.6	41.4	42.1	42.2	42.2	42.2	42.2	42.2	42.4	42.4	42.4
9 400	2.4	32.6	33.5	36.4	41.7	42.8	45.2	45.9	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2
10 200	23.1	33.2	34.1	38.9	42.2	43.5	46.1	46.6	47.1	47.3	47.3	47.3	47.3	47.5	47.5	47.5
11 000	2.4	33.7	34.6	39.6	42.9	44.2	46.8	47.5	47.8	48.0	48.0	48.0	48.0	48.2	48.2	48.2
12 800	2.1	34.4	35.3	40.3	43.6	44.9	47.5	48.2	48.5	48.7	48.7	48.7	48.7	48.9	48.9	48.9
13 600	26.1	36.1	37.0	42.4	45.7	46.9	49.6	50.4	50.8	51.0	51.0	51.0	51.0	51.1	51.1	51.1
14 400	2.4	37.7	38.6	44.1	47.5	48.7	51.7	53.1	53.6	53.8	53.8	53.8	53.8	53.9	53.9	53.9
15 200	3.4	40.8	41.7	47.6	51.1	52.4	55.7	57.1	57.6	57.9	57.9	57.9	57.9	58.3	58.3	58.3
16 000	22.5	42.1	44.1	51.1	54.6	55.8	59.3	61.7	61.3	61.8	61.8	61.8	61.8	62.3	62.3	62.3
17 800	3.5	44.3	45.5	52.5	56.5	58.1	62.1	64.0	64.6	65.1	65.1	65.1	65.1	65.6	65.6	65.6
18 600	34.1	46.8	48.0	55.8	60.0	62.0	66.1	68.1	68.6	69.1	69.1	69.1	69.1	69.6	69.6	69.6
19 400	35.4	47.8	49.2	57.2	61.4	63.4	67.7	69.6	70.2	70.7	70.7	70.7	70.7	71.2	71.2	71.2
20 200	37.9	5.8	52.4	61.3	66.0	67.9	72.8	75.6	76.1	76.6	76.6	76.6	76.6	77.1	77.1	77.1
21 000	1.4	52.2	54.1	63.5	68.6	70.7	76.1	79.2	79.9	80.3	80.5	80.6	81.0	81.0	81.0	81.0
22 800	37.1	53.2	55.5	65.4	71.2	73.6	79.8	83.8	84.3	84.6	85.2	85.3	85.7	85.9	85.9	85.9
23 600	39.1	3.2	55.5	65.8	71.7	74.3	81.0	85.2	85.7	86.2	86.6	86.7	87.1	87.3	87.3	87.3
24 400	37.1	53.6	56.4	67.0	74.0	76.6	83.4	88.8	89.7	90.2	90.6	91.0	91.1	91.3	91.3	91.3
25 200	37.1	53.3	56.5	67.7	74.7	77.3	84.6	90.9	92.3	92.8	93.2	93.4	94.1	94.4	94.4	94.4
26 000	2.1	53.3	56.5	68.2	75.6	78.2	85.5	92.3	93.7	94.2	94.6	94.9	95.6	96.0	96.0	96.0
27 800	27.1	53.3	56.5	68.2	75.6	78.5	85.9	93.2	94.8	95.8	96.3	96.7	97.4	97.7	98.3	98.3
28 600	27.1	53.3	56.5	68.2	75.6	78.5	85.9	93.9	95.5	96.7	97.2	97.6	98.3	98.8	99.5	99.5
29 400	37.1	53.6	56.5	68.2	75.6	78.5	86.0	94.2	95.8	97.0	97.6	97.9	98.6	99.1	99.8	99.8
30 200	37.1	53.8	56.5	68.2	75.6	78.5	86.7	94.2	95.8	97.0	97.6	97.9	98.6	99.3	100.0	100.0
31 000	3.1	53.8	56.5	68.2	75.6	78.5	86.7	94.2	95.8	97.0	97.6	97.9	98.6	99.3	100.0	100.0
32 800	37.1	53.8	56.5	68.2	75.6	78.5	86.7	94.2	95.8	97.0	97.6	97.9	98.6	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 573

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

CEILING VERSUS VISIBILITY

FEB

15-17CC

TOTAL NUMBER OF OBSERVATIONS 568

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

CLIMATE CLIMATOLOGY BRANCH
 ETAC
 WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

1 45 SCHAEFFER HALL AAF DL

74-83

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

18-2600

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
1 2000	22.7	27.4	29.8	35.6	38.4	38.9	40.8	43.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
2 800	22.7	27.4	29.8	35.8	38.5	39.1	41.0	43.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
2 600	22.7	27.4	29.8	35.8	38.5	39.1	41.0	43.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
2 400	22.7	27.4	29.8	35.8	38.5	39.1	41.0	43.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
2 200	22.7	27.4	29.8	35.8	38.5	39.1	41.0	43.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
2 1000	24.4	27.8	32.7	39.1	42.1	42.8	45.6	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2 900	24.4	27.8	32.7	39.1	42.1	42.8	45.6	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2 800	24.4	27.8	32.7	39.1	42.1	42.8	45.6	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2 700	24.4	27.8	32.7	39.1	42.1	42.8	45.6	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2 600	24.4	27.8	32.7	39.1	42.1	42.8	45.6	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2 500	24.4	27.8	32.7	39.1	42.1	42.8	45.6	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2 400	24.4	27.8	32.7	39.1	42.1	42.8	45.6	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2 300	24.4	27.8	32.7	39.1	42.1	42.8	45.6	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2 200	24.4	27.8	32.7	39.1	42.1	42.8	45.6	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2 100	24.4	27.8	32.7	39.1	42.1	42.8	45.6	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
2 1000	31.1	38.2	41.3	49.9	54.2	55.3	60.5	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2 900	31.1	38.2	41.3	49.9	54.2	55.3	60.5	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2 800	31.1	38.2	41.3	49.9	54.2	55.3	60.5	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2 700	31.1	38.2	41.3	49.9	54.2	55.3	60.5	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2 600	31.1	38.2	41.3	49.9	54.2	55.3	60.5	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2 500	31.1	38.2	41.3	49.9	54.2	55.3	60.5	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2 400	31.1	38.2	41.3	49.9	54.2	55.3	60.5	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2 300	31.1	38.2	41.3	49.9	54.2	55.3	60.5	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2 200	31.1	38.2	41.3	49.9	54.2	55.3	60.5	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2 100	31.1	38.2	41.3	49.9	54.2	55.3	60.5	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
2 1000	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 900	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 800	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 700	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 600	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 500	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 400	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 300	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 200	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 100	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 1000	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 900	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 800	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 700	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 600	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 500	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 400	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 300	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 200	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 100	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5
2 1000	35.7	46.6	51.4	64.2	73.0	74.3	83.8	90.1	92.4	94.6	94.6	95.0	95.0	95.3	95.3	95.5

TOTAL NUMBER OF OBSERVATIONS 537

CLIMAT. CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 487 SCHAEFFELICH HALL AAF CL

77-83

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01-02-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5
2 2000	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 1800	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 1600	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 1400	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 1200	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 1000	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 800	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 600	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 400	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 200	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 100	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 50	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 0	23.5	28.4	30.4	34.3	37.3	38.2	40.2	46.1	46.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1

TOTAL NUMBER OF OBSERVATIONS 102

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

CLIMATE BRANCH
ETAC
WEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

1-450 SCHAEFFER HALL AAF DL

74-57

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

ELEVATION FEET		VISIBILITY STATUTE MILES												OR (HUNDREDS OF METERS)											
		210	200	250	240	230	220	210	200	250	240	230	220	210	200	250	240	230	220						
25000	2	16.1	21.5	23.1	26.7	29.5	29.1	30.3	32.3	32.8	33.0	33.0	33.0	33.0	33.1	33.2	33.3	33.7							
20000	2	15.2	24.4	26.2	31.9	33.4	34.2	35.6	37.7	38.2	38.4	38.4	38.4	38.4	38.5	38.6	38.7	38.9							
15000	2	17.6	24.9	26.6	31.3	33.8	34.6	36.7	38.2	38.6	38.8	38.8	38.8	38.9	39.0	39.1	39.3	39.7							
10000	2	18.7	25.1	26.7	31.4	34.0	34.8	36.3	38.4	38.8	39.0	39.1	39.1	39.1	39.2	39.4	39.6	40.0							
7500	2	21.1	27.0	29.7	33.8	36.5	37.3	38.9	41.1	41.6	41.8	41.8	41.8	41.9	42.0	42.1	42.3	42.7							
5000	2	21.7	27.6	29.3	34.4	37.2	38.1	39.8	42.1	42.6	42.8	42.8	42.8	42.9	43.0	43.1	43.3	43.7							
2500	2	22.7	29.5	31.3	37.0	40.1	40.9	43.1	45.5	46.1	46.3	46.3	46.3	46.3	46.4	46.6	46.9	47.3							
1000	2	23.1	30.5	32.4	37.1	41.3	42.2	44.4	46.8	47.4	47.6	47.6	47.7	47.8	47.9	48.1	48.3	48.7							
500	2	24.1	31.8	33.7	39.6	42.8	43.8	46.7	48.5	49.1	49.3	49.4	49.5	49.5	49.6	49.8	50.0	50.4							
250	2	25.1	33.2	35.1	41.2	44.5	45.5	47.7	50.3	51.0	51.2	51.3	51.3	51.3	51.4	51.6	51.8	52.3							
100	2	26.1	34.7	36.7	43.0	46.4	47.4	50.1	53.0	53.8	54.1	54.2	54.2	54.2	54.3	54.6	54.8	55.2							
50	2	27.1	36.7	38.8	45.4	49.1	50.1	53.1	56.1	56.8	57.2	57.3	57.4	57.4	57.6	57.8	58.0	58.5							
25	2	28.1	38.3	40.9	48.0	52.1	53.2	56.5	59.8	60.6	61.2	61.3	61.4	61.4	61.6	61.8	62.1	62.6							
12.5	2	29.1	40.2	43.1	50.5	55.1	56.4	60.3	64.1	65.0	65.6	65.8	65.9	66.1	66.3	66.6	67.0								
6.25	2	30.1	42.3	45.7	54.1	58.9	60.5	64.8	68.8	69.8	70.6	70.8	70.9	71.1	71.3	71.6	72.0								
3.125	2	31.1	43.8	46.9	55.3	60.2	61.8	66.2	70.5	71.5	72.3	72.5	72.6	72.8	73.1	73.3	73.8								
1.5625	2	32.1	45.6	48.8	56.1	63.6	65.4	70.6	75.6	76.8	77.9	78.1	78.3	78.5	78.7	78.9	79.4								
0.78125	2	33.1	47.8	51.5	61.9	68.4	70.6	76.7	82.5	83.9	85.7	86.1	86.3	86.5	86.8	87.1	87.6								
0.390625	2	34.1	49.9	54.1	64.0	71.3	73.7	80.2	86.8	88.3	90.4	91.5	92.7	93.2	93.6	93.9	94.3								
0.1953125	2	35.1	52.3	57.2	66.4	75.7	78.9	86.7	94.4	97.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0								
0.09765625	2	36.1	54.8	60.0	70.6	81.1	84.7	93.8	102.5	106.4	108.5	110.0	111.5	112.0	112.5	113.0	114.0								
0.048828125	2	37.1	57.4	63.8	75.7	87.7	91.7	102.5	112.5	117.5	120.0	121.5	123.0	124.0	125.0	126.0	128.0								
0.0244140625	2	38.1	60.1	67.7	81.1	94.4	99.4	111.5	122.5	128.5	132.0	134.0	136.0	137.5	139.0	140.0	142.0								
0.01220703125	2	39.1	62.9	71.5	86.7	101.5	107.5	120.0	132.5	140.0	145.0	148.0	150.0	152.0	154.0	156.0	160.0								
0.006103515625	2	40.1	65.8	75.7	92.4	108.5	115.5	129.0	143.0	151.5	157.5	161.0	164.0	167.0	170.0	173.0	180.0								
0.0030517578125	2	41.1	68.8	80.0	98.0	116.5	124.5	140.0	156.0	166.0	173.0	178.0	182.0	186.0	190.0	194.0	200.0								
0.00152587890625	2	42.1	71.9	84.1	104.0	124.5	133.5	151.0	169.0	180.0	189.0	195.0	200.0	205.0	210.0	215.0	220.0								
0.000762939453125	2	43.1	75.1	88.3	112.0	134.5	144.5	163.0	183.0	196.0	207.0	216.0	223.0	229.0	235.0	240.0	245.0								
0.0003814697265625	2	44.1	78.4	92.6	121.0	146.5	157.5	177.0	199.0	214.0	227.0	238.0	247.0	255.0	263.0	270.0	275.0								
0.00019073486328125	2	45.1	81.8	97.1	131.0	159.5	171.5	192.0	216.0	233.0	248.0	261.0	273.0	284.0	294.0	303.0	310.0								
0.000095367431640625	2	46.1	85.3	101.5	142.0	173.5	186.5	208.0	234.0	253.0	270.0	285.0	300.0	314.0	327.0	340.0	350.0								
0.0000476837158203125	2	47.1	88.9	106.5	154.0	188.5	202.5	226.0	254.0	275.0	294.0	311.0	328.0	344.0	360.0	375.0	390.0								
0.00002384185791015625	2	48.1	92.6	112.1	167.0	203.5	218.5	244.0	276.0	300.0	321.0	340.0	359.0	378.0	400.0	420.0	440.0								
0.000011920928955078125	2	49.1	96.4	117.5	181.0	220.5	236.5	264.0	300.0	326.0	357.0	380.0	400.0	420.0	445.0	470.0	490.0								
0.0000059604644775390625	2	50.1	100.3	123.1	197.0	239.5	256.5	288.0	328.0	357.0	390.0	420.0	450.0	480.0	510.0	540.0	570.0								
0.00000298023223876953125	2	51.1	104.3	128.5	214.0	260.5	278.5	314.0	358.0	390.0	428.0	465.0	505.0	540.0	575.0	610.0	645.0								
0.000001490116119384765625	2	52.1	108.4	134.1	232.0	283.5	303.5	344.0	392.0	428.0	469.0	510.0	555.0	595.0	635.0	675.0	715.0								
0.0000007450580596923828125	2	53.1	112.6	140.1	252.0	309.5	330.5	376.0	428.0	469.0	516.0	560.0	605.0	650.0	695.0	740.0	785.0								
0.00000037252902984619140625	2	54.1	116.9	146.5	274.0	338.5	360.5	412.0	472.0	518.0	565.0	615.0	665.0	715.0	765.0	815.0	865.0								
0.000000186264514923095703125	2	55.1	121.3	153.1	298.0	370.5	393.5	452.0	514.0	565.0	618.0	675.0	730.0	785.0	840.0	895.0	950.0								
0.0000000931322574615478515625	2	56.1	125.8	160.1	324.0	405.5	430.5	498.0	565.0	622.0	685.0	745.0	805.0	865.0	925.0	985.0	1045.0								
0.000000046566128730773928125	2	57.1	130.4	167.5	352.0	443.5	470.5	548.0	622.0	685.0	750.0	815.0	880.0	945.0	1010.0	1075.0	1140.0								
0.0000000232830643653869640625	2	58.1	135.1	175.1	382.0	484.5	513.5	602.0	682.0	750.0	820.0	890.0	960.0	1030.0	1100.0	1170.0	1240.0								
0.00000001164153218269348203125	2	59.1	140.0	182.9	414.0	528.5	552.5	658.0	745.0	820.0	900.0	975.0	1055.0	1135.0	1215.0	1295.0	1375.0								
0.000000005820766091346741015625	2	60.1	145.0	191.1	448.0	575.5	600.5	722.0	815.0	895.0	980.0	1065.0	1150.0	1235.0	1320.0	1405.0	1490.0								
0.0000000029103830456733705078125	2	61.1	150.1	199.5	484.0	625.5	669.5	798.0	900.0	985.0	1080.0	1170.0	1265.0	1355.0	1445.0	1535.0	1625.0								
0.00000000145519152283668525390625	2	62.1	155.3	208.1	522.0	678.5	730.5	878.0	988.0	1080.0	1180.0	1280.0	1380.0	1480.0	1580.0	1680.0	1775.0								
0.000000000727595761418342626953125	2	63.1	160.6	216.9	562.0	734.5	785.5	958.0	1078.0	1175.0	1280.0	1385.0	1490.0	1595.0	1700.0	1805.0	1905.0								
0.0000000003637978807091713134765625	2	64.1	166.1	225.9	603.0	793.5	845.5	1042.0	1172.0	1275.0	1385.0	1495.0	1605.0	1715.0	1825.0	1935.0	2035.0								
0.00000000018189894035458566689578125	2	65.1	171.7	235.1	646.0	855.5	907.5	1122.0	1262.0	1370.0	1485.0	1600.0	1715.0	1830.0	1945.0	2060.0	2165.0								
0.000000000090949470177292833447890625	2	66.1	177.4	244.5	692.0	920.5	973.5	1202.0	1352.0	1465.0	1585.0	1705.0	1825.0	1945.0	2065.0	2185.0	2290.0								
0.0000000000454747350886464167239453125	2	67.1	183.2	254.1	740.0	988.5	1041.5	1268.0	1428.0	1545.0	1670.0	1795.0	1915.0	2040.0	2165.0	2290.0	2400.0								
0.000000000022737367544323218364515625	2	68.1	189.1	263.9	790.0	1060.5	1103.5	1342.0	1512.0	1635.0	1765.0	1890.0	2015.0	2140.0	2265.0	2390.0	2500.0								
0.000000000011368683772161610927265625	2	69.1	195.1	273.9	842.0	1134.5	1177.5	1442.0	1622.0	1750.0	1885.0	2015.0	2145.0	2275.0	2405.0	2535.0	2645.0								
0.00000000000568434188608054546328125	2	70.1	201.2	284.1	896.0	1210.5	1253.5	1552.0	1742.0	1875.0	2015.0	2150.0	2285.0	2415.0	2545.0	2675.0	2785.0								
0.0000000000028421709430402727265625	2	71.1	207.4	294.5	952.0	1289.5	1332.5	1662.0	1862.0	1995.0	2140.0	2280.0	2415.0	2545.0	2675.0	2805.0	2915.0								
0.00000000000142108547152213636328125	2	72.1	213.7	305.1	1010.0	1371.5	1414.5	1772.0	1982.0	2120.0	2270.0	2415.0	2550.0	2685.0	2815.0	2945.0	3055.0								
0.000000000000710542735761068181640625	2	73.1	220.1	315.9	1070.0	1457.5	1500.5	1892.0	2112.0	2255.0	2410.0	2560.0	2700.0	2835.0	2965.0	3095.0	3205.0								
0.0000000000003552713678805340908203125	2	74.1	226.6	326.9	1132.0	1547.5	1590.5	2002.0	2232.0																

CLIMATE CLIMATOLOGY BRANCH
ETAC
AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 45 SCHAEFISCH HALL AAF OL

74-83

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

622-2830

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.03	≥0.01
NO. CEILING	2000	1800	1600	1400	1200	1000	900	800	700	600	500	450	400	350	300	200
≥10	12.1	15.1	17.9	20.8	21.8	21.8	23.8	25.2	25.5	26.1	26.1	26.3	26.3	26.9	27.1	27.5
≥6	15.6	14.1	22.2	25.8	26.7	26.7	28.8	30.3	30.8	31.7	31.7	31.9	31.9	32.5	32.7	33.6
≥5	15.6	15.3	22.4	26.1	27.1	27.1	29.1	30.6	31.1	32.2	32.2	32.3	32.3	33.1	33.1	34.1
≥4	15.6	19.4	22.6	26.1	27.2	27.2	29.2	30.8	31.7	32.3	32.3	32.5	32.5	33.1	33.3	34.2
≥3	15.6	20.2	23.3	27.1	28.3	28.3	30.5	32.3	32.9	33.9	33.9	34.1	34.1	34.7	34.8	35.8
≥2.5	17.3	21.5	24.6	29.1	30.8	30.8	33.1	35.1	35.8	36.9	36.9	37.0	37.0	37.6	37.8	38.9
≥2	15.8	23.2	26.7	31.4	33.1	33.1	35.5	37.5	38.4	39.5	39.5	39.7	39.7	40.3	40.4	41.5
≥1.5	22.1	26.5	30.5	35.8	37.5	37.5	39.8	41.8	42.8	44.0	44.0	44.5	44.5	45.3	45.4	46.5
≥1	24.3	29.2	33.1	38.4	40.3	40.3	42.6	44.6	45.6	46.8	46.8	47.3	47.3	48.1	48.2	49.3
≥0.5	27.2	30.3	34.2	39.8	41.7	41.7	44.1	46.0	47.1	48.2	48.2	48.7	48.7	49.5	49.6	50.7
≥0.3	27.2	31.7	35.6	41.5	43.4	43.4	45.7	47.7	48.7	49.9	49.9	50.5	50.5	51.3	51.5	52.6
≥0.2	27.1	32.5	36.4	42.6	44.5	44.5	47.0	49.0	49.9	51.2	51.2	51.6	51.6	52.6	52.7	53.8
≥0.1	27.1	34.8	38.9	45.4	47.4	47.4	50.2	52.4	53.3	54.6	54.6	55.1	55.2	56.1	56.1	57.2
≥0.05	31.3	37.0	41.2	48.7	51.2	51.3	54.3	56.5	57.5	58.8	58.8	59.3	59.7	60.5	60.7	61.7
≥0.03	31.3	38.3	42.3	51.1	54.1	54.3	57.4	59.6	60.7	61.9	61.9	62.4	62.8	63.6	63.8	64.9
≥0.01	34.2	41.5	46.2	54.9	58.2	58.5	61.9	64.5	65.6	67.1	67.1	67.5	68.0	68.7	68.9	70.0
≥0.005	37.2	44.6	49.5	58.9	62.7	63.0	66.7	70.1	71.1	72.6	72.6	73.1	73.6	74.3	74.5	75.6
≥0.003	37.5	45.3	50.2	59.7	63.6	63.9	67.7	70.9	72.0	73.6	73.6	74.0	74.5	75.3	75.4	76.5
≥0.002	38.6	47.3	52.4	62.2	66.6	66.9	70.8	74.5	75.9	77.6	77.6	78.1	78.5	79.3	79.5	80.6
≥0.001	41.1	49.9	55.1	65.8	70.5	70.8	74.8	78.5	80.1	81.8	81.8	82.3	83.0	83.8	84.0	85.1
≥0.0005	41.5	50.5	56.3	68.4	73.4	73.7	78.2	82.0	83.5	85.4	85.4	85.8	86.6	87.4	87.6	88.6
≥0.0003	41.7	50.9	56.8	69.2	74.5	74.8	80.1	84.9	86.6	88.8	88.8	89.3	90.0	90.8	91.0	92.1
≥0.0002	41.7	50.9	56.8	69.5	75.1	75.6	81.6	86.5	88.2	90.4	90.4	90.8	91.6	92.4	92.5	93.6
≥0.0001	41.7	50.9	56.8	70.0	75.6	76.4	82.4	87.7	89.4	91.6	91.6	92.1	92.8	93.6	93.8	94.9
≥0.00005	41.7	50.9	56.8	70.3	75.7	76.5	82.7	88.2	90.0	92.2	92.2	92.7	93.5	94.2	94.4	95.6
≥0.00003	41.7	50.9	56.8	70.3	75.9	76.7	82.9	88.3	91.0	93.5	93.8	94.2	95.0	95.8	96.0	97.2
≥0.00002	41.7	50.9	56.8	70.3	76.0	76.8	83.1	88.8	91.4	94.2	94.6	95.0	95.8	96.6	96.7	98.0
≥0.00001	41.7	50.9	56.8	70.3	76.0	76.8	83.0	89.0	91.8	94.7	95.0	95.5	96.4	97.2	97.7	98.9
≥0.000005	41.7	50.9	56.8	70.3	76.0	76.8	83.0	89.0	91.8	94.7	95.0	95.5	96.4	97.2	97.8	99.5
≥0.000003	41.7	50.9	56.8	70.3	76.0	76.8	83.0	89.0	91.8	94.7	95.0	95.5	96.4	97.2	97.8	100.0
≥0.000002	41.7	50.9	56.8	70.3	76.0	76.8	83.0	89.0	91.8	94.7	95.0	95.5	96.4	97.2	97.8	100.0
≥0.000001	41.7	50.9	56.8	70.3	76.0	76.8	83.0	89.0	91.8	94.7	95.0	95.5	96.4	97.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 693

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

GENERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE (MAC)

CEILING VERSUS VISIBILITY

1452 SCHAEFELICH HALL AAF DL

74-83

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1936-1100

ELEVATION FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	10.7	13.9	15.2	18.9	20.4	20.8	22.3	23.2	23.2	23.4	23.4	23.4	23.4	23.5	23.5	23.5
≥ 20000	10.3	21.1	22.3	27.3	29.0	29.4	31.4	32.6	32.7	32.9	32.9	32.9	32.9	33.0	33.2	33.3
≥ 18000	10.6	21.4	23.1	27.6	29.3	29.7	31.7	32.9	33.0	33.2	33.2	33.2	33.2	33.3	33.5	33.6
≥ 16000	10.9	24.1	25.3	30.3	32.3	32.7	34.8	36.1	36.2	36.3	36.3	36.3	36.3	36.5	36.7	36.8
≥ 14000	17.2	22.2	24.1	28.5	30.2	30.6	32.4	33.8	33.9	34.1	34.1	34.1	34.1	34.2	34.4	34.5
≥ 12000	17.5	22.5	24.3	29.0	30.6	31.1	33.7	34.2	34.4	34.5	34.5	34.5	34.5	34.7	34.8	35.0
≥ 10000	20.2	25.8	28.1	33.0	34.8	35.4	37.7	38.9	39.1	39.2	39.2	39.2	39.2	39.4	39.7	39.8
≥ 9000	21.4	27.5	29.9	35.0	36.8	37.6	39.8	41.0	41.2	41.3	41.3	41.3	41.3	41.5	41.8	41.9
≥ 8000	21.4	30.8	33.8	39.4	41.3	42.1	44.3	45.6	45.7	45.9	46.0	46.0	46.0	46.2	46.5	46.6
≥ 7000	25.2	32.7	35.7	41.8	43.7	44.5	46.9	48.1	48.3	48.4	48.6	48.6	48.6	48.7	49.0	49.2
≥ 6000	25.5	33.0	36.1	42.1	44.0	44.8	47.2	48.6	48.7	48.9	49.0	49.0	49.0	49.2	49.5	49.6
≥ 5000	27.6	34.1	37.1	43.4	45.4	46.2	48.9	50.2	50.4	50.5	50.7	50.7	50.7	50.8	51.1	51.3
≥ 4500	31.4	35.0	38.0	44.3	46.3	47.1	49.9	51.3	51.4	51.6	51.7	51.7	51.7	51.9	52.2	52.3
≥ 4000	31.2	36.1	41.7	48.0	50.1	50.8	53.7	55.2	55.4	55.5	55.7	55.7	55.7	55.8	56.1	56.3
≥ 3500	33.4	40.9	44.7	51.6	53.8	54.6	57.5	59.0	59.1	59.3	59.4	59.4	59.4	59.6	59.9	60.0
≥ 3000	33.7	44.5	48.1	56.7	59.3	60.2	63.2	64.7	64.9	65.0	65.2	65.2	65.2	65.5	65.9	66.1
≥ 2500	33.2	46.8	50.4	59.6	62.4	63.5	67.3	68.9	69.1	69.2	69.5	69.5	69.5	69.8	70.0	70.4
≥ 2000	40.6	49.6	53.4	63.2	66.4	67.4	71.3	73.2	73.3	73.5	73.8	73.8	73.8	74.1	74.5	74.7
≥ 1800	41.6	50.7	54.4	64.4	67.6	68.6	72.5	74.4	74.5	74.7	75.0	75.0	75.0	75.3	75.4	75.9
≥ 1500	42.7	51.9	55.8	66.4	70.0	71.0	75.3	77.4	77.8	78.4	78.7	78.7	78.7	79.0	79.2	79.6
≥ 1200	40.2	55.1	59.1	70.7	75.4	76.5	81.7	83.1	83.6	84.3	84.8	84.9	84.9	85.2	85.4	85.8
≥ 1000	46.0	56.3	60.3	73.8	78.6	79.9	85.1	87.3	88.1	88.8	89.3	89.4	89.7	89.9	90.2	90.3
≥ 900	46.0	56.4	60.5	74.2	80.1	81.4	87.0	89.3	90.0	90.8	91.3	91.4	91.7	91.9	92.2	92.3
≥ 800	46.0	56.6	60.6	74.5	81.0	82.5	88.4	90.6	91.4	92.2	92.8	92.9	93.2	93.4	93.7	93.8
≥ 700	46.2	57.1	61.2	75.3	81.7	83.3	89.6	92.3	93.1	93.8	94.4	94.6	94.9	95.0	95.3	95.5
≥ 600	46.2	57.1	61.2	75.3	81.7	83.3	89.7	92.6	93.4	94.1	94.7	94.9	95.2	95.5	95.8	95.9
≥ 500	46.2	57.0	61.2	75.4	81.9	83.4	89.9	93.5	94.3	95.3	95.9	96.2	96.5	97.1	97.4	97.6
≥ 400	46.2	57.0	61.2	75.4	81.9	83.4	89.9	93.7	94.4	95.9	96.5	96.8	97.1	98.0	98.5	98.6
≥ 300	46.2	57.1	61.2	75.4	81.9	83.4	89.9	93.7	94.4	95.9	96.5	96.8	97.1	98.2	98.9	99.1
≥ 200	46.2	57.1	61.2	75.4	81.9	83.4	90.0	93.8	94.6	96.1	96.7	97.0	97.3	98.3	99.1	99.8
≥ 100	46.2	57.1	61.2	75.4	81.9	83.4	90.0	93.8	94.6	96.1	96.7	97.0	97.3	98.5	99.2	100.0
≥ 0	46.2	57.0	61.2	75.4	81.9	83.4	90.0	93.8	94.6	96.1	96.7	97.0	97.3	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 663

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 451 SCHWABISCH HALL AAF DL

74-83

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY, STATUTE MILES															
	210	26	25	24	23	22	22	21	21	21	21	21	21	21	21	21
	CT9	GF90	GF87	GF60	GF48	GF47	GF32	GF24	GF27	GF16	GF12	GF11	GF10	GF08	GF05	GF04
NO CEILING	16.6	20.8	21.4	24.0	24.6	24.6	24.6	24.7	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥ 2000	24.1	24.4	30.0	34.5	35.4	35.4	35.4	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 1800	24.7	30.1	30.9	35.4	36.3	36.3	36.3	36.5	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 1600	24.7	30.3	30.9	35.4	36.3	36.3	36.3	36.5	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 1400	24.9	30.6	31.2	35.7	36.7	36.7	36.7	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 1200	24.6	31.5	32.1	36.7	37.7	37.7	37.7	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 1000	23.1	34.5	35.1	39.7	40.7	40.7	40.7	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 900	22.6	36.5	37.1	41.8	42.8	42.8	42.8	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 800	22.3	40.3	41.2	46.0	47.1	47.1	47.1	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 700	30.1	43.3	44.2	49.6	50.8	50.8	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 600	30.4	43.7	44.6	50.1	51.3	51.3	51.3	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 500	36.4	45.4	46.3	51.9	53.2	53.2	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 450	30.6	47.5	48.4	54.3	55.7	55.7	55.7	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 400	40.6	50.2	51.6	57.6	59.3	59.3	59.3	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 350	42.4	52.3	54.1	60.3	62.0	62.3	62.3	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 300	40.3	59.9	61.8	68.6	70.3	70.6	70.6	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 250	41.1	64.1	66.2	73.6	75.3	75.6	75.6	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 200	40.9	68.0	70.1	78.1	80.5	80.8	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 180	50.6	69.8	71.9	80.2	82.7	83.0	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 150	57.8	71.6	74.1	83.0	85.5	85.8	86.4	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 120	50.5	72.9	75.4	84.6	87.8	88.1	89.1	90.0	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5
≥ 100	59.0	73.9	76.8	86.6	89.9	90.2	91.7	93.1	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 90	59.0	74.1	77.1	86.9	90.5	90.8	92.3	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3
≥ 80	59.1	74.2	77.2	87.0	91.1	91.4	92.9	94.3	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9
≥ 70	59.3	74.5	77.7	87.8	92.2	92.6	94.4	95.9	96.2	96.5	96.7	96.7	96.7	96.8	96.8	96.8
≥ 60	59.4	74.7	77.8	87.9	92.3	92.9	95.1	97.1	97.4	97.9	98.0	98.2	98.2	98.3	98.3	98.3
≥ 50	59.4	74.7	77.8	87.9	92.3	92.9	95.0	97.4	97.7	98.6	98.8	98.9	98.9	99.1	99.1	99.1
≥ 40	59.4	74.7	77.8	87.9	92.3	92.9	95.0	97.4	97.7	99.1	99.7	99.8	99.8	100.0	100.0	100.0
≥ 30	59.4	74.7	77.8	87.9	92.3	92.9	95.0	97.4	97.7	99.1	99.7	99.8	99.8	100.0	100.0	100.0
≥ 20	59.4	74.7	77.8	87.9	92.3	92.9	95.0	97.4	97.7	99.1	99.7	99.8	99.8	100.0	100.0	100.0
≥ 10	59.4	74.7	77.8	87.9	92.3	92.9	95.0	97.4	97.7	99.1	99.7	99.8	99.8	100.0	100.0	100.0
≥ 0	59.4	74.7	77.8	87.9	92.3	92.9	95.0	97.4	97.7	99.1	99.7	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 463

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 457 SCHWABISCH HALL AAF DL

74-83

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	21.7	26.3	27.1	28.1	29.5	28.5	28.5	29.7	29.7	29.0	29.7	29.0	29.0	29.0	29.0	29.0
≥ 20000	0.2	35.4	36.7	38.4	38.8	38.8	38.8	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	3.3	36.2	37.4	39.1	39.6	39.6	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 16000	31.1	37.1	38.2	39.9	40.4	40.4	40.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 14000	31.4	37.4	38.8	40.5	41.0	41.0	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 12000	32.1	38.2	39.6	41.6	42.1	42.1	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 10000	35.1	42.5	43.9	45.9	46.4	46.4	46.4	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 9000	3.5	43.5	44.8	47.3	47.8	47.8	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 8000	1.4	44.1	49.6	52.1	52.5	52.5	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 7000	3.5	51.6	53.2	55.8	56.4	56.4	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 6000	4.5	53.0	54.5	57.2	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 5000	4.2	54.9	56.4	59.5	60.2	60.2	60.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	4.2	57.5	59.0	63.0	63.8	63.8	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4000	4.7	65.7	62.2	66.3	67.0	67.0	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3500	3.3	63.3	64.9	69.3	70.1	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3000	57.2	68.4	70.1	75.0	75.8	75.8	75.8	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 2500	50.9	72.3	74.4	80.1	80.9	80.9	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2000	1.3	75.0	77.7	84.1	85.1	85.1	85.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	2.6	76.1	79.7	85.4	86.4	86.4	86.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1600	3.3	77.5	81.4	88.0	89.1	89.2	89.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1400	3.5	78.1	81.2	89.5	90.6	90.8	90.8	92.0	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3
≥ 1200	63.3	79.2	82.9	92.3	93.4	93.5	93.7	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1000	63.1	79.2	82.9	92.8	93.8	94.0	94.5	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1
≥ 900	4.1	79.4	83.1	92.9	94.0	94.1	94.6	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5
≥ 800	4.1	79.4	83.1	92.9	94.5	94.6	95.5	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4
≥ 700	4.1	79.4	83.1	92.9	94.5	94.6	95.8	97.7	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2
≥ 600	4.1	79.4	83.1	92.9	94.5	94.6	96.7	97.8	98.3	98.3	98.6	98.8	98.8	98.8	98.8	98.8
≥ 500	4.1	79.4	83.1	92.9	94.5	94.6	96.0	97.8	98.3	98.3	98.8	98.9	98.9	99.2	99.2	99.2
≥ 400	4.1	79.4	83.1	92.9	94.5	94.6	96.0	97.8	98.3	98.3	98.8	98.9	99.1	99.5	99.8	99.8
≥ 300	4.1	79.4	83.1	92.9	94.5	94.6	96.0	97.8	98.3	98.3	98.8	98.9	99.1	99.5	99.8	99.8
≥ 200	4.1	79.4	83.1	92.9	94.5	94.6	96.0	97.8	98.3	98.3	98.8	98.9	99.1	99.5	99.8	99.8
≥ 100	4.1	79.4	83.1	93.1	94.6	94.9	96.1	98.0	98.5	98.6	99.1	99.2	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 689

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

GENERAL CLIMATOLOGY BRANCH
ETAC
AIR FATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

1 45 SCHAEFELICH HALL AAF DL

74-27

MAO

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-2000

CEILING FEET	VISIBILITY: STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
20000	23.7	27.4	29.2	30.1	30.5	30.8	31.1	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
18000	1.3	36.1	37.9	41.2	41.5	41.7	42.0	42.8	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
16000	1.4	36.5	38.1	41.8	42.1	42.3	42.6	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
14000	31.4	37.3	39.1	42.3	42.6	42.8	43.1	43.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
12000	2.4	37.8	39.5	42.8	43.1	43.3	43.6	44.4	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
10000	32.1	38.2	40.0	43.6	44.1	44.2	44.6	45.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
8000	35.1	41.7	43.6	47.3	47.6	47.8	48.1	49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
6000	37.6	44.8	45.1	48.9	49.3	49.4	49.8	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
4000	38.4	45.9	48.1	52.0	52.4	52.5	52.8	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
2000	42.6	49.8	52.5	57.1	57.4	57.5	57.9	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
1000	44.1	51.5	54.5	59.1	59.3	59.5	59.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
500	44.4	52.4	55.3	60.0	60.3	60.5	60.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
400	47.2	54.5	58.0	63.9	64.2	64.5	65.0	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
300	47.8	57.1	60.8	67.4	67.7	68.1	68.7	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
200	48.1	59.2	63.1	70.2	70.7	71.0	71.8	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
100	48.6	64.3	68.2	75.9	76.5	76.8	77.6	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
50	57.1	67.3	71.3	80.4	81.4	81.7	82.7	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
25	57.1	68.7	72.7	82.8	84.3	84.6	86.2	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
10	57.2	68.9	73.1	83.1	84.6	84.9	86.5	88.0	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
5	57.8	70.2	74.4	85.1	86.9	87.2	88.8	90.4	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
2	57.3	70.8	75.4	86.5	88.5	89.1	90.9	92.5	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
1	57.0	70.8	75.9	87.0	89.5	90.0	92.2	93.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
0.5	57.0	70.8	75.9	87.0	89.8	90.4	92.7	95.0	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0.2	57.0	70.8	75.9	87.0	90.0	90.8	93.2	95.5	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
0.1	57.0	70.8	75.9	87.2	90.1	90.9	94.7	97.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
0.05	57.0	70.8	75.9	87.2	90.1	90.9	94.0	97.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.02	57.0	70.8	75.9	87.2	90.1	90.9	94.0	97.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0.01	57.0	70.8	75.9	87.2	90.1	90.9	94.0	97.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0.005	57.0	70.8	75.9	87.2	90.1	90.9	94.0	97.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.002	57.0	70.8	75.9	87.2	90.1	90.9	94.0	97.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.001	57.0	70.8	75.9	87.2	90.1	90.9	94.0	97.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 617

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

CEILING VERSUS VISIBILITY

77-82

MAE

~~2146-2322~~

TOTAL NUMBER OF OBSERVATIONS 124

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 45 SCHAEFELICH HALL AAF DL

74-51

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY IN MILES OR (HUNDREDS OF METERS)															
	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
1 20000	17.4	21.0	22.3	24.7	25.4	25.5	6.3	26.4	27.1	27.3	27.3	27.3	27.3	27.5	27.5	27.6
2 18000	23.7	28.5	3.1	33.6	34.4	34.6	35.5	26.3	36.5	36.7	36.7	36.8	36.8	36.9	37.0	37.2
3 16000	24.3	29.0	30.7	34.1	35.0	35.1	36.7	36.8	37.1	37.3	37.3	37.3	37.3	37.5	37.5	37.7
4 14000	24.4	29.4	31.1	34.6	35.5	35.6	36.5	37.3	37.5	37.8	37.8	37.8	37.8	38.0	38.0	38.2
5 12000	24.7	29.8	31.5	35.0	35.9	36.0	36.9	37.7	37.9	38.2	38.2	38.2	38.2	38.4	38.4	38.6
6 10000	24.5	3.7	32.4	36.1	37.0	37.2	38.1	39.0	39.2	39.5	39.5	39.5	39.5	39.7	39.7	39.9
7 8000	27.6	33.4	35.2	39.2	4.2	40.4	41.4	42.3	42.6	42.8	42.8	42.9	42.9	43.0	43.1	43.3
8 6000	2.8	34.9	36.9	41.1	42.2	42.3	43.3	44.3	44.6	44.9	44.9	44.9	44.9	45.0	45.1	45.4
9 4000	31.7	38.5	40.9	45.2	46.2	46.4	47.4	48.3	48.7	49.1	49.1	49.1	49.1	49.3	49.4	49.6
10 2000	37.4	41.5	43.9	4.7	49.9	50.0	51.1	52.0	52.3	52.6	52.7	52.8	52.8	52.9	53.0	53.3
11 1000	3.3	42.5	45.0	49.9	51.0	51.2	52.2	53.2	53.5	53.8	53.9	53.9	53.9	54.1	54.2	54.5
12 500	3.5	43.9	46.4	51.5	52.8	52.9	54.7	55.0	55.3	55.6	55.6	55.7	55.8	55.9	56.0	56.3
13 200	3.0	45.7	48.3	53.9	55.2	55.4	56.6	57.5	57.9	58.2	58.2	58.3	58.3	58.5	58.6	58.8
14 100	3.3	4.4	51.2	57.3	58.6	59.0	60.2	61.2	61.6	61.9	61.9	62.0	62.0	62.2	62.3	62.5
15 50	2.3	50.9	53.8	60.4	62.0	62.3	63.6	64.6	65.0	65.3	65.3	65.4	65.5	65.7	65.8	66.0
16 25	4.1	55.4	58.6	65.9	67.6	67.9	69.4	70.4	70.8	71.1	71.1	71.2	71.4	71.5	71.6	71.9
17 10	4.3	58.6	62.0	70.1	72.0	72.4	74.1	75.3	75.7	76.0	76.1	76.2	76.3	76.5	76.6	76.8
18 5	7.6	61.4	64.9	73.7	76.1	76.5	78.4	79.8	80.2	80.6	80.6	80.7	80.9	81.1	81.2	81.4
19 2	1.4	62.3	65.9	74.8	77.2	77.7	79.6	81.1	81.5	81.9	82.0	82.0	82.2	82.4	82.5	82.7
20 1	1.4	63.9	67.6	77.2	79.8	80.3	82.3	84.1	84.7	85.2	85.2	85.3	85.5	85.7	85.7	86.0
21 1/2	3.6	65.5	69.4	79.6	82.7	83.2	85.5	87.4	88.0	88.6	88.7	88.8	89.0	89.2	89.3	89.6
22 1/4	4.1	66.3	71.5	81.8	85.1	85.6	88.3	90.4	91.1	91.7	91.8	91.9	92.1	92.3	92.4	92.6
23 1/8	4.0	66.4	7.7	82.1	85.8	86.4	89.4	91.8	92.6	93.2	93.4	93.5	93.7	93.9	94.0	94.2
24 1/16	4.1	66.5	70.8	82.3	86.3	87.0	90.2	92.6	93.4	94.1	94.2	94.4	94.6	94.8	94.9	95.1
25 1/32	4.2	66.6	71.0	82.7	86.9	87.6	91.2	94.0	94.9	95.6	95.8	96.0	96.2	96.4	96.5	96.7
26 1/64	4.2	66.7	71.0	82.8	86.9	87.7	91.5	94.6	95.5	96.2	96.4	96.6	96.8	97.1	97.1	97.4
27 1/128	4.2	66.7	71.1	82.8	87.0	87.8	91.6	95.0	96.1	97.1	97.4	97.6	97.8	98.1	98.2	98.4
28 1/256	4.2	66.7	71.1	82.9	87.0	87.8	91.6	95.1	96.2	97.4	97.8	98.0	98.3	98.7	98.8	99.1
29 1/512	4.2	66.7	71.1	82.9	87.0	87.8	91.7	95.2	96.3	97.6	98.0	98.2	98.6	99.1	99.4	99.8
30 1/1024	4.2	66.7	71.1	82.9	87.0	87.8	91.7	95.2	96.3	97.6	98.0	98.2	98.6	99.1	99.4	100.0
31 1/2048	4.2	66.7	71.1	82.9	87.0	87.9	91.7	95.2	96.4	97.6	98.0	98.2	98.6	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1359

CEILING VERSUS VISIBILITY

4-6-

10

~~44-38861-5835~~

~~OR HUNDREDS OF METERS~~

TOTAL NUMBER OF OBSERVATIONS 616

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

OFFICE OF CLIMATE DATA
 ETAC
 AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

1 40 100-443100 HALL AAF DL

74-87

15

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

		VISIBILITY (METERS)																			
		20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58
1	1.3	33.7	34.4	37.3	38.4	38.9	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2	11.3	33.6	39.7	43.2	44.7	45.5	45.8	45.8	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
3	31.3	33.6	39.7	43.2	44.7	45.5	45.8	45.8	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
4	31.4	33.9	44.7	43.5	45.7	45.8	46.1	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
5	31.6	33.1	44.2	43.7	45.1	45.9	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
6	2.2	40.4	41.5	45.1	46.4	47.2	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
7	3.4	43.1	44.2	47.2	47.6	50.4	50.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
8	3.1	45.0	46.1	52.1	51.5	52.3	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
9	3.4	46.1	49.1	53.4	54.9	55.8	56.1	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
10	3.1	48.6	49.9	54.1	55.8	56.8	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
11	3.7	49.6	51.7	55.2	56.6	57.6	57.9	57.9	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
12	4.7	51.2	52.3	56.9	58.4	59.3	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
13	3.1	53.1	55.0	60.3	61.7	62.7	63.0	63.0	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
14	4.6	57.4	58.5	63.6	65.2	66.2	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
15	4.2	58.4	61.6	66.8	68.4	69.4	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
16	5.2	64.1	65.2	71.5	72.1	73.1	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
17	2.2	65.2	66.5	71.9	73.5	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
18	5.5	66.2	70.7	76.9	78.5	79.4	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
19	5.5	69.7	71.1	77.5	79.1	80.1	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
20	5.7	73.1	74.6	81.8	83.6	84.5	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
21	5.6	74.6	76.4	83.9	86.1	87.2	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
22	5.1	75.3	77.4	85.6	88.2	89.5	90.9	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
23	5.3	75.4	77.5	86.3	88.8	90.1	91.9	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
24	5.3	76.1	78.1	87.1	90.1	91.4	93.5	94.3	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
25	5.2	76.1	78.1	87.7	91.1	92.3	94.4	95.4	95.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
26	5.3	76.1	78.1	87.7	91.2	92.5	94.7	95.7	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
27	5.0	76.1	78.1	87.9	91.4	92.7	94.9	96.1	97.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
28	5.2	76.1	78.1	87.9	91.4	92.7	94.9	96.2	97.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
29	5.5	76.1	78.1	87.9	91.4	92.7	94.9	96.2	97.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
30	5.3	76.1	78.1	87.9	91.4	92.7	94.9	96.2	97.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
31	5.3	76.1	78.1	87.9	91.4	92.7	94.9	96.2	97.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 827

CEILING VERSUS VISIBILITY

74-02

AR:

~~100-1420~~

TOTAL NUMBER OF OBSERVATIONS 627

CEILING VERSUS VISIBILITY

74-87

AP =

~~15-2-1750~~

TOTAL NUMBER OF OBSERVATIONS 613

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

U.S. AIR FORCE
METAC
METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

1. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

14-83

APF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-2-2000

| CEILING
FEET | VISIBILITY STATUTE MILES
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 |
| 20000 | 1.5 | 50.0 | 50.5 | 50.7 | 50.9 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| 18000 | 1.5 | 50.0 | 50.5 | 50.7 | 50.9 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| 16000 | 1.5 | 50.0 | 50.5 | 50.7 | 50.9 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| 14000 | 1.5 | 50.0 | 50.5 | 50.7 | 50.9 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| 12000 | 2.0 | 51.4 | 52.2 | 52.4 | 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 | 52.7 |
| 10000 | 4.4 | 55.1 | 56.1 | 56.5 | 56.6 | 56.6 | 56.8 | 57.3 | 57.3 | 57.5 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 8000 | 4.4 | 57.0 | 58.5 | 58.7 | 58.7 | 58.8 | 59.4 | 59.4 | 59.5 | 59.5 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| 6000 | 2.1 | 63.3 | 64.3 | 64.8 | 65.0 | 65.0 | 65.1 | 65.6 | 65.6 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| 4000 | 55.1 | 67.1 | 68.2 | 69.0 | 69.4 | 69.6 | 69.7 | 70.2 | 70.2 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| 2000 | 55.1 | 67.1 | 68.2 | 69.0 | 69.4 | 69.6 | 69.7 | 70.2 | 70.2 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| 1000 | 5.2 | 69.9 | 71.3 | 72.1 | 72.4 | 72.6 | 72.8 | 73.3 | 73.3 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| 500 | 5.7 | 70.7 | 72.3 | 73.3 | 74.0 | 74.3 | 74.5 | 75.0 | 75.0 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| 200 | 2.4 | 74.7 | 76.2 | 77.2 | 78.1 | 78.4 | 78.6 | 79.1 | 79.1 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| 100 | 4.5 | 78.1 | 79.9 | 81.3 | 82.1 | 82.5 | 82.7 | 83.1 | 83.2 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 50 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 25 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 10 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 5 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 2 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 1 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.5 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.2 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.1 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.05 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.02 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.01 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.005 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.002 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.001 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.0005 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.0002 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.0001 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.00005 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.00002 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0.00001 | 6.7 | 81.4 | 82.5 | 84.2 | 85.4 | 85.7 | 85.9 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |

TOTAL NUMBER OF OBSERVATIONS 588

CEILING VERSUS VISIBILITY

7-5

1957

-15-2420

OR HUNDREDS OF MILES

| | | | | | | | | | | | | | |
|----|-------|-----|------|----|----|----|----|----|----|----|----|----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 2 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 3 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 4 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 5 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 6 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 7 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 8 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 9 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 10 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 11 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 12 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 13 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 14 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 15 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | | | | | | | | | | |
| 16 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8</ | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 112

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

CEILING CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

1 45- WCH AFB BISH HALL AAF DL

74-87

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| VISIBILITY STATUTE MILES | | | | | | | | | | | | | OR (HUNDREDS OF METERS) | | | | | | | | | | | | |
|--------------------------|-----|------|------|------|------|------|------|------|------|------|------|------|-------------------------|------|------|------|------|------|---|---|---|---|---|---|---|
| | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 |
| 1000 | 3.1 | 34.9 | 35.4 | 37.2 | 38.1 | 38.3 | 38.7 | 39.8 | 39.9 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.1 | 39.1 | 39.2 | 39.4 | | | | | | | |
| 900 | 3.1 | 40.7 | 41.5 | 43.5 | 44.6 | 44.8 | 45.2 | 45.5 | 45.6 | 45.6 | 45.6 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.8 | 46.1 | | | | | | | |
| 800 | 3.1 | 40.7 | 41.6 | 43.6 | 44.6 | 44.9 | 45.3 | 45.6 | 45.6 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.8 | 45.8 | 46.2 | | | | | | | |
| 700 | 3.1 | 40.7 | 41.6 | 43.6 | 44.7 | 45.0 | 45.4 | 45.6 | 45.7 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.9 | 45.9 | 46.2 | 46.6 | | | | | | | |
| 600 | 3.3 | 41.7 | 42.1 | 44.2 | 45.3 | 45.5 | 45.9 | 46.2 | 46.2 | 46.3 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.5 | 46.8 | | | | | | | |
| 500 | 3.3 | 42.1 | 42.9 | 45.1 | 46.2 | 46.5 | 46.9 | 47.2 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.4 | 47.4 | 47.5 | 47.8 | | | | | | | |
| 400 | 3.3 | 45.1 | 46.1 | 48.5 | 49.7 | 50.0 | 50.4 | 50.7 | 50.8 | 50.9 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.4 | | | | | | | |
| 300 | 3.7 | 46.7 | 47.7 | 50.2 | 51.4 | 51.6 | 52.7 | 52.4 | 52.4 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.8 | 53.1 | | | | | | | |
| 200 | 1.0 | 50.7 | 51.6 | 54.3 | 55.5 | 55.8 | 56.2 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.4 | | | | | | | |
| 100 | 2.1 | 52.6 | 53.7 | 56.5 | 57.7 | 58.1 | 58.5 | 58.9 | 59.0 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 | 59.8 | | | | | | | |
| 50 | 3.1 | 53.1 | 54.2 | 57.1 | 58.3 | 58.7 | 59.1 | 59.5 | 59.6 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.0 | 60.4 | | | | | | | |
| 25 | 4.5 | 55.1 | 56.3 | 59.3 | 60.5 | 60.9 | 61.4 | 61.8 | 61.9 | 62.0 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.3 | 62.6 | | | | | | | |
| 12.5 | 4.0 | 57.1 | 58.5 | 62.1 | 63.3 | 63.7 | 64.2 | 64.7 | 64.8 | 64.9 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.5 | | | | | | | |
| 6.25 | 5.7 | 61.8 | 63.1 | 66.7 | 68.0 | 68.5 | 69.7 | 69.4 | 69.6 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 | 70.3 | | | | | | | |
| 3.125 | 3.5 | 66.0 | 67.5 | 71.2 | 72.7 | 73.1 | 73.7 | 74.2 | 74.3 | 74.5 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 75.1 | | | | | | | |
| 1.5625 | 5.1 | 72.2 | 73.9 | 78.1 | 79.6 | 80.1 | 80.7 | 81.2 | 81.3 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.9 | 82.2 | | | | | | | |
| 0.78125 | 1.3 | 75.4 | 77.2 | 81.8 | 83.6 | 84.1 | 84.8 | 85.5 | 85.6 | 85.8 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.5 | | | | | | | |
| 0.390625 | 1.7 | 75.9 | 77.9 | 82.5 | 84.4 | 84.8 | 85.5 | 86.2 | 86.3 | 86.6 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 87.2 | | | | | | | |
| 0.1953125 | 3.3 | 76.2 | 80.2 | 85.4 | 87.5 | 88.0 | 88.8 | 89.5 | 89.7 | 90.0 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.7 | | | | | | | |
| 0.09765625 | 4.2 | 79.4 | 81.6 | 87.4 | 89.5 | 90.1 | 91.0 | 92.1 | 92.3 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.0 | 93.3 | | | | | | | |
| 0.048828125 | 4.6 | 79.9 | 82.3 | 88.5 | 91.7 | 91.7 | 92.8 | 93.9 | 94.1 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 95.0 | 95.3 | | | | | | | |
| 0.0244140625 | 4.7 | 80.1 | 82.6 | 89.1 | 91.6 | 92.2 | 93.5 | 94.7 | 94.9 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.8 | 96.1 | | | | | | | |
| 0.01220703125 | 4.8 | 80.4 | 82.9 | 89.5 | 92.4 | 93.1 | 94.6 | 95.9 | 96.1 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.4 | | | | | | | |
| 0.006103515625 | 6.4 | 80.4 | 82.9 | 89.8 | 92.8 | 93.5 | 95.2 | 96.6 | 96.9 | 97.5 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.3 | | | | | | | |
| 0.0030517578125 | 6.4 | 80.4 | 82.9 | 89.9 | 92.9 | 93.6 | 95.3 | 96.9 | 97.4 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 | 98.9 | | | | | | | |
| 0.00152587890625 | 6.4 | 80.4 | 83.1 | 89.9 | 92.9 | 93.7 | 95.5 | 97.2 | 97.8 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.4 | | | | | | | |
| 0.000762939453125 | 6.4 | 80.4 | 83.0 | 89.9 | 93.0 | 93.7 | 95.5 | 97.3 | 97.9 | 98.7 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.8 | | | | | | | |
| 0.0003814697265625 | 6.4 | 80.4 | 83.1 | 89.9 | 93.0 | 93.7 | 95.5 | 97.3 | 97.9 | 98.7 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.8 | | | | | | | |
| 0.00019073486328125 | 6.4 | 80.4 | 83.1 | 89.9 | 93.0 | 93.7 | 95.5 | 97.3 | 97.9 | 98.7 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.8 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 3183

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

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1. 40 2. 000 3. 000 4. 000 5. 000 6. 000 7. 000 8. 000 9. 000 10. 000 11. 000 12. 000 13. 000 14. 000 15. 000 16. 000 17. 000 18. 000 19. 000 20. 000 21. 000 22. 000 23. 000 24. 000 25. 000 26. 000 27. 000 28. 000 29. 000 30. 000 31. 000 32. 000 33. 000 34. 000 35. 000 36. 000 37. 000 38. 000 39. 000 40. 000 41. 000 42. 000 43. 000 44. 000 45. 000 46. 000 47. 000 48. 000 49. 000 50. 000 51. 000 52. 000 53. 000 54. 000 55. 000 56. 000 57. 000 58. 000 59. 000 60. 000 61. 000 62. 000 63. 000 64. 000 65. 000 66. 000 67. 000 68. 000 69. 000 70. 000 71. 000 72. 000 73. 000 74. 000 75. 000 76. 000 77. 000 78. 000 79. 000 80. 000 81. 000 82. 000 83. 000 84. 000 85. 000 86. 000 87. 000 88. 000 89. 000 90. 000 91. 000 92. 000 93. 000 94. 000 95. 000 96. 000 97. 000 98. 000 99. 000 100. 000

74-67

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-2800

| | | VISIBILITY, STATUTE MILES | | | | | | | | | | OR (HUNDREDS OF METERS) | | | | | | | | | |
|----|--|---------------------------|------|------|------|------|------|------|------|------|------|-------------------------|------|------|------|------|------|------|------|------|------|
| | | 210 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 |
| 1 | 2000 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 2 | 1800 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 3 | 1600 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 4 | 1400 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 5 | 1200 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 6 | 1000 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 7 | 800 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 8 | 600 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 9 | 400 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 10 | 200 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 11 | 100 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 12 | 50 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 13 | 25 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 14 | 12.5 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 15 | 6.25 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 16 | 3.125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 17 | 1.5625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 18 | 0.78125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 19 | 0.390625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 20 | 0.1953125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 21 | 0.09765625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 22 | 0.048828125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 23 | 0.0244140625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 24 | 0.01220703125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 25 | 0.006103515625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 26 | 0.0030517578125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 27 | 0.00152587890625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 28 | 0.000762939453125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 29 | 0.0003814697265625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 30 | 0.00019073486328125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 31 | 0.000095367431640625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 32 | 0.0000476837158203125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 33 | 0.00002384185791015625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 34 | 0.000011920928955078125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 35 | 0.0000059604644775390625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 36 | 0.00000298023223876953125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 37 | 0.000001490116119384765625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 38 | 0.0000007450580596923828125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 39 | 0.00000037252902984619140625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 40 | 0.000000186264514923095703125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 41 | 0.0000000931322574615478515625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 42 | 0.00000004656612873077392578125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 43 | 0.000000023283064365386962890625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 44 | 0.0000000116415321826934814453125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 45 | 0.00000000582076609134674072265625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 46 | 0.000000002910383045673370361328125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 47 | 0.0000000014551915228366851806640625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 48 | 0.00000000072759576141834259033203125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 49 | 0.000000000363797880709171295166015625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 50 | 0.0000000001818989403545856475830078125 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 51 | 0.00000000009094947017729282379150390625 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 52 | 0.00000000004547473508864641 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 53 | 0.000000000022737367544323205 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 54 | 0.0000000000113686837721616 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 55 | 0.00000000000568434188608 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 56 | 0.00000000000284217094304 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| 57 | 0.00000000000142108547152 | 31.7 | 33.2 | 37.4 | 39.4 | 38.7 | 39.4 | 39.5 | 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 |
| | | | | | | | | | | | | | | | | | | | | | |

GENERAL CLIMATOLOGY BRANCH
METAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 745 SCHAEFELICH HALL AAF OL

74-83

YEAR

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1960-1100

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 3.1 | 37.5 | 37.8 | 39.3 | 39.3 | 39.3 | 39.3 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 |
| 18000 | 3.4 | 43.8 | 44.1 | 45.9 | 46.0 | 46.0 | 46.7 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| 16000 | 3.6 | 43.9 | 44.3 | 46.0 | 46.2 | 46.2 | 46.2 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| 14000 | 3.6 | 44.9 | 45.2 | 47.1 | 47.2 | 47.2 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 12000 | 3.5 | 45.9 | 46.2 | 48.1 | 48.1 | 48.1 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| 10000 | 4.3 | 49.6 | 50.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| 8000 | 4.6 | 51.7 | 52.3 | 54.3 | 54.8 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| 6000 | 4.3 | 55.9 | 56.9 | 58.8 | 59.3 | 59.3 | 59.3 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| 4500 | 1.2 | 56.3 | 59.3 | 61.7 | 62.2 | 62.2 | 62.2 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| 3000 | 1.4 | 56.6 | 59.8 | 62.2 | 62.7 | 62.7 | 62.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 1500 | 3.5 | 60.7 | 61.9 | 64.6 | 65.1 | 65.1 | 65.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| 1000 | 4.6 | 61.9 | 63.3 | 65.8 | 66.2 | 66.2 | 66.2 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| 500 | 5.8 | 65.6 | 66.7 | 69.5 | 7.1 | 70.1 | 70.3 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| 250 | 4.4 | 69.7 | 70.1 | 73.2 | 73.8 | 73.8 | 74.7 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| 100 | 3.5 | 72.7 | 73.8 | 76.9 | 77.5 | 77.5 | 77.7 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 50 | 65.7 | 75.6 | 76.9 | 80.3 | 80.9 | 80.9 | 81.1 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| 25 | 67.5 | 77.5 | 79.2 | 82.9 | 83.8 | 83.8 | 84.0 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| 10 | 63.5 | 78.5 | 8.1 | 83.8 | 84.8 | 84.8 | 85.1 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| 5 | 7.8 | 81.7 | 83.4 | 88.3 | 89.7 | 89.7 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| 2 | 12.2 | 83.4 | 85.1 | 9.5 | 91.4 | 91.4 | 92.1 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 1 | 2.5 | 84.2 | 86.3 | 91.8 | 92.7 | 92.7 | 93.4 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 0.5 | 2.5 | 84.2 | 86.3 | 91.9 | 92.9 | 92.9 | 93.7 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| 0.25 | 72.7 | 84.3 | 86.8 | 92.6 | 93.9 | 94.2 | 95.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 0.1 | 2.7 | 84.3 | 86.8 | 92.6 | 94.7 | 94.3 | 95.5 | 96.4 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 0.05 | 2.7 | 85.1 | 87.6 | 93.9 | 95.6 | 96.1 | 97.4 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 0.025 | 2.7 | 85.1 | 87.6 | 94.2 | 96.1 | 96.6 | 97.9 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 0.01 | 2.7 | 85.1 | 87.6 | 94.2 | 96.1 | 96.8 | 98.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0.005 | 2.7 | 85.1 | 87.6 | 94.2 | 96.1 | 96.8 | 98.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0.0025 | 2.7 | 85.1 | 87.6 | 94.2 | 96.1 | 96.8 | 98.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0.001 | 2.7 | 85.1 | 87.6 | 94.2 | 96.1 | 96.8 | 98.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 619

CEILING VERSUS VISIBILITY

74-83

MAY

~~1200-1400~~

TOTAL NUMBER OF OBSERVATIONS. 628

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

JOINT CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1. 4-11 1500-1700
STATION NAME

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING
FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | | OR (HUNDREDS OF METERS) | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 |
| 20000 | 37.1 | 40.4 | 40.4 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| 18000 | 45.1 | 45.2 | 49.2 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| 16000 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 14000 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 12000 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 10000 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 8000 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 6000 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 4000 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 2000 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 1000 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 800 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 600 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 400 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 200 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 100 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 80 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 60 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 40 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 20 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 10 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 8 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 6 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 4 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 2 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 1 | 45.5 | 45.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |

TOTAL NUMBER OF OBSERVATIONS 598

CEILING VERSUS VISIBILITY

74-87

May

15-7-2000

| | | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | | GP (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|------|------|--------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| | | 20 | 20 | 25 | 24 | 23 | 22 | 22 | 21 | 21 | 20 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | |
| 1000 | 1.5 | 45.0 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | |
| 800 | 2.6 | 58.3 | 58.7 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | |
| 600 | 2.6 | 58.3 | 58.7 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | |
| 400 | 2.6 | 58.3 | 58.7 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | |
| 200 | 3.7 | 59.6 | 59.6 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | |
| 100 | 5.6 | 64.3 | 64.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | |
| 50 | 7.7 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | |
| 25 | 1.7 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | |
| 10 | 4.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | |
| 5 | 6.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | |
| 2 | 6.2 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | |
| 1 | 2.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | |
| 1000 | 16.1 | 84.9 | 85.6 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | |
| 800 | 7.7 | 87.6 | 88.5 | 9.2 | 9.2 | 9.2 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | |
| 600 | 7.6 | 88.7 | 89.6 | 91.4 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | |
| 400 | 1.1 | 89.3 | 90.2 | 92.0 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | |
| 200 | 1.1 | 89.3 | 90.2 | 92.2 | 92.2 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | |
| 100 | 1.1 | 89.3 | 90.2 | 92.2 | 92.2 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | |
| 50 | 0.3 | 89.4 | 91.5 | 92.7 | 92.9 | 93.1 | 93.4 | 93.8 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | |
| 25 | 0.7 | 90.0 | 91.8 | 94.7 | 95.1 | 95.3 | 95.6 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | |
| 10 | 0.9 | 90.2 | 92.7 | 94.9 | 95.4 | 95.6 | 96.2 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | |
| 5 | 0.9 | 90.2 | 92.7 | 95.1 | 95.8 | 96.4 | 97.3 | 98.2 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | |
| 2 | 0.9 | 90.2 | 92.0 | 95.1 | 96.4 | 96.9 | 98.7 | 99.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| 1 | 0.9 | 90.2 | 92.0 | 5.1 | 96.4 | 96.9 | 98.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 1000 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 800 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.7 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 600 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.7 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 400 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.7 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 200 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.7 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 100 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.7 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 50 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.7 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 25 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.7 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 10 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.7 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 5 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.7 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 2 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.7 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| 1 | 0.9 | 90.2 | 92.7 | 95.1 | 96.4 | 96.9 | 98.7 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |

TOTAL NUMBER OF OBSERVATIONS 599

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

CEILING VERSUS VISIBILITY

٧٧-٤٣

~~41-0-2322~~

TOTAL NUMBER OF OBSERVATIONS 106

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

'4-c'

MAV

ALL

• 118 • 'A' E M. 19

OR HUNDREDS OF METERS.

| | | | |
|------|-------|-------|----|
| 3.7 | 3.9 | 4.1 | 4.3 | 4.5 | 4.7 | 4.9 | 5.1 | 5.3 | 5.5 | 5.7 | 5.9 | 6.1 | 6.3 | 6.5 | 6.7 | 6.9 | 7.1 | 7.3 | 7.5 | 7.7 | 7.9 | 8.1 | 8.3 | 8.5 | 8.7 | 8.9 | 9.1 | 9.3 | 9.5 | 9.7 | 9.9 | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1 | 11.3 | 11.5 | 11.7 | 11.9 | 12.1 | 12.3 | 12.5 | 12.7 | 12.9 | 13.1 | 13.3 | 13.5 | 13.7 | 13.9 | 14.1 | 14.3 | 14.5 | 14.7 | 14.9 | 15.1 | 15.3 | 15.5 | 15.7 | 15.9 | 16.1 | 16.3 | 16.5 | 16.7 | 16.9 | 17.1 | 17.3 | 17.5 | 17.7 | 17.9 | 18.1 | 18.3 | 18.5 | 18.7 | 18.9 | 19.1 | 19.3 | 19.5 | 19.7 | 19.9 | 20.1 | 20.3 | 20.5 | 20.7 | 20.9 | 21.1 | 21.3 | 21.5 | 21.7 | 21.9 | 22.1 | 22.3 | 22.5 | 22.7 | 22.9 | 23.1 | 23.3 | 23.5 | 23.7 | 23.9 | 24.1 | 24.3 | 24.5 | 24.7 | 24.9 | 25.1 | 25.3 | 25.5 | 25.7 | 25.9 | 26.1 | 26.3 | 26.5 | 26.7 | 26.9 | 27.1 | 27.3 | 27.5 | 27.7 | 27.9 | 28.1 | 28.3 | 28.5 | 28.7 | 28.9 | 29.1 | 29.3 | 29.5 | 29.7 | 29.9 | 30.1 | 30.3 | 30.5 | 30.7 | 30.9 | 31.1 | 31.3 | 31.5 | 31.7 | 31.9 | 32.1 | 32.3 | 32.5 | 32.7 | 32.9 | 33.1 | 33.3 | 33.5 | 33.7 | 33.9 | 34.1 | 34.3 | 34.5 | 34.7 | 34.9 | 35.1 | 35.3 | 35.5 | 35.7 | 35.9 | 36.1 | 36.3 | 36.5 | 36.7 | 36.9 | 37.1 | 37.3 | 37.5 | 37.7 | 37.9 | 38.1 | 38.3 | 38.5 | 38.7 | 38.9 | 39.1 | 39.3 | 39.5 | 39.7 | 39.9 | 40.1 | 40.3 | 40.5 | 40.7 | 40.9 | 41.1 | 41.3 | 41.5 | 41.7 | 41.9 | 42.1 | 42.3 | 42.5 | 42.7 | 42.9 | 43.1 | 43.3 | 43.5 | 43.7 | 43.9 | 44.1 | 44.3 | 44.5 | 44.7 | 44.9 | 45.1 | 45.3 | 45.5 | 45.7 | 45.9 | 46.1 | 46.3 | 46.5 | 46.7 | 46.9 | 47.1 | 47.3 | 47.5 | 47.7 | 47.9 | 48.1 | 48.3 | 48.5 | 48.7 | 48.9 | 49.1 | 49.3 | 49.5 | 49.7 | 49.9 | 50.1 | 50.3 | 50.5 | 50.7 | 50.9 | 51.1 | 51.3 | 51.5 | 51.7 | 51.9 | 52.1 | 52.3 | 52.5 | 52.7 | 52.9 | 53.1 | 53.3 | 53.5 | 53.7 | 53.9 | 54.1 | 54.3 | 54.5 | 54.7 | 54.9 | 55.1 | 55.3 | 55.5 | 55.7 | 55.9 | 56.1 | 56.3 | 56.5 | 56.7 | 56.9 | 57.1 | 57.3 | 57.5 | 57.7 | 57.9 | 58.1 | 58.3 | 58.5 | 58.7 | 58.9 | 59.1 | 59.3 | 59.5 | 59.7 | 59.9 | 60.1 | 60.3 | 60.5 | 60.7 | 60.9 | 61.1 | 61.3 | 61.5 | 61.7 | 61.9 | 62.1 | 62.3 | 62.5 | 62.7 | 62.9 | 63.1 | 63.3 | 63.5 | 63.7 | 63.9 | 64.1 | 64.3 | 64.5 | 64.7 | 64.9 | 65.1 | 65.3 | 65.5 | 65.7 | 65.9 | 66.1 | 66.3 | 66.5 | 66.7 | 66.9 | 67.1 | 67.3 | 67.5 | 67.7 | 67.9 | 68.1 | 68.3 | 68.5 | 68.7 | 68.9 | 69.1 | 69.3 | 69.5 | 69.7 | 69.9 | 70.1 | 70.3 | 70.5 | 70.7 | 70.9 | 71.1 | 71.3 | 71.5 | 71.7 | 71.9 | 72.1 | 72.3 | 72.5 | 72.7 | 72.9 | 73.1 | 73.3 | 73.5 | 73.7 | 73.9 | 74.1 | 74.3 | 74.5 | 74.7 | 74.9 | 75.1 | 75.3 | 75.5 | 75.7 | 75.9 | 76.1 | 76.3 | 76.5 | 76.7 | 76.9 | 77.1 | 77.3 | 77.5 | 77.7 | 77.9 | 78.1 | 78.3 | 78.5 | 78.7 | 78.9 | 79.1 | 79.3 | 79.5 | 79.7 | 79.9 | 80.1 | 80.3 | 80.5 | 80.7 | 80.9 | 81.1 | 81.3 | 81.5 | 81.7 | 81.9 | 82.1 | 82.3 | 82.5 | 82.7 | 82.9 | 83.1 | 83.3 | 83.5 | 83.7 | 83.9 | 84.1 | 84.3 | 84.5 | 84.7 | 84.9 | 85.1 | 85.3 | 85.5 | 85.7 | 85.9 | 86.1 | 86.3 | 86.5 | 86.7 | 86.9 | 87.1 | 87.3 | 87.5 | 87.7 | 87.9 | 88.1 | 88.3 | 88.5 | 88.7 | 88.9 | 89.1 | 89.3 | 89.5 | 89.7 | 89.9 | 90.1 | 90.3 | 90.5 | 90.7 | 90.9 | 91.1 | 91.3 | 91.5 | 91.7 | 91.9 | 92.1 | 92.3 | 92.5 | 92.7 | 92.9 | 93.1 | 93.3 | 93.5 | 93.7 | 93.9 | 94.1 | 94.3 | 94.5 | 94.7 | 94.9 | 95.1 | 95.3 | 95.5 | 95.7 | 95.9 | 96.1 | 96.3 | 96.5 | 96.7 | 96.9 | 97.1 | 97.3 | 97.5 | 97.7 | 97.9 | 98.1 | 98.3 | 98.5 | 98.7 | 98.9 | 99.1 | 99.3 | 99.5 | 99.7 | 99.9 | 100.1 | 100.3 | 100.5 | 100.7 | 100.9 | 101.1 | 101.3 | 101.5 | 101.7 | 101.9 | 102.1 | 102.3 | 102.5 | 102.7 | 102.9 | 103.1 | 103.3 | 103.5 | 103.7 | 103.9 | 104.1 | 104.3 | 104.5 | 104.7 | 104.9 | 105.1 | 105.3 | 105.5 | 105.7 | 105.9 | 106.1 | 106.3 | 106.5 | 106.7 | 106.9 | 107.1 | 107.3 | 107.5 | 107.7 | 107.9 | 108.1 | 108.3 | 108.5 | 108.7 | 108.9 | 109.1 | 109.3 | 109.5 | 109.7 | 109.9 | 110.1 | 110.3 | 110.5 | 110.7 | 110.9 | 111.1 | 111.3 | 111.5 | 111.7 | 111.9 | 112.1 | 112.3 | 112.5 | 112.7 | 112.9 | 113.1 | 113.3 | 113.5 | 113.7 | 113.9 | 114.1 | 114.3 | 114.5 | 114.7 | 114.9 | 115.1 | 115.3 | 115.5 | 115.7 | 115.9 | 116.1 | 116.3 | 116.5 | 116.7 | 116.9 | 117.1 | 117.3 | 117.5 | 117.7 | 117.9 | 118.1 | 118.3 | 118.5 | 118.7 | 118.9 | 119.1 | 119.3 | 119.5 | 119.7 | 119.9 | 120.1 | 120.3 | 120.5 | 120.7 | 120.9 | 121.1 | 121.3 | 121.5 | 121.7 | 121.9 | 122.1 | 122.3 | 122.5 | 122.7 | 122.9 | 123.1 | 123.3 | 123.5 | 123.7 | 123.9 | 124.1 | 124.3 | 124.5 | 124.7 | 124.9 | 125.1 | 125.3 | 125.5 | 125.7 | 125.9 | 126.1 | 126.3 | 126.5 | 126.7 | 126.9 | 127.1 | 127.3 | 127.5 | 127.7 | 127.9 | 128.1 | 128.3 | 128.5 | 128.7 | 128.9 | 129.1 | 129.3 | 129.5 | 129.7 | 129.9 | 130.1 | 130.3 | 130.5 | 130.7 | 130.9 | 131.1 | 131.3 | 131.5 | 131.7 | 131.9 | 132.1 | 132.3 | 132.5 | 132.7 | 132.9 | 133.1 | 133.3 | 133.5 | 133.7 | 133.9 | 134.1 | 134.3 | 134.5 | 134.7 | 134.9 | 135.1 | 135.3 | 135.5 | 135.7 | 135.9 | 136.1 | 136.3 | 136.5 | 136.7 | 136.9 | 137.1 | 137.3 | 137.5 | 137.7 | 137.9 | 138.1 | 138.3 | 138.5 | 138.7 | 138.9 | 139.1 | 139.3 | 139.5 | 139.7 | 139.9 | 140.1 | 140.3 | 140.5 | 140.7 | 140.9 | 141.1 | 141.3 | 141.5 | 141.7 | 141.9 | 142.1 | 142.3 | 142.5 | 142.7 | 142.9 | 143.1 | 143.3 | 143.5 | 143.7 | 143.9 | 144.1 | 144.3 | 144.5 | 144.7 | 144.9 | 145.1 | 145.3 | 145.5 | 145.7 | 145.9 | 146.1 | 146.3 | 146.5 | 146.7 | 146.9 | 147.1 | 147.3 | 147.5 | 147.7 | 147.9 | 148.1 | 148.3 | 148.5 | 148.7 | 148.9 | 149.1 | 149.3 | 149.5 | 149.7 | 149.9 | 150.1 | 150.3 | 150.5 | 150.7 | 150.9 | 151.1 | 151.3 | 151.5 | 151.7 | 151.9 | 152.1 | 152.3 | 152.5 | 152.7 | 152.9 | 153.1 | 153.3 | 153.5 | 153.7 | 153.9 | 154.1 | 154.3 | 154.5 | 154.7 | 154.9 | 155.1 | 155.3 | 155.5 | 155.7 | 155.9 | 156.1 | 156.3 | 156.5 | 156.7 | 156.9 | 157.1 | 157.3 | 157.5 | 157.7 | 157.9 | 158.1 | 158.3 | 158.5 | 158.7 | 158.9 | 159.1 | 159.3 | 159.5 | 159.7 | 159.9 | 160.1 | 160.3 | 160.5 | 160.7 | 160.9 | 161.1 | 161.3 | 161.5 | 161.7 | 161.9 | 162.1 | 162.3 | 162.5 | 162.7 | 162.9 | 163.1 | 163.3 | 163.5 | 163.7 | 163.9 | 164.1 | 164.3 | 164.5 | 164.7 | 164.9 | 165.1 | 165.3 | 165.5 | 165.7 | 165.9 | 166.1 | 166.3 | 166.5 | 166.7 | 166.9 | 167.1 | 167.3 | 167.5 | 167.7 | 167.9 | 168.1 | 168.3 | 168.5 | 168.7 | 168.9 | 169.1 | 169.3 | 169.5 | 169.7 | 169.9 | 170.1 | 170.3 | 170.5 | 170.7 | 170.9 | 171.1 | 171.3 | 171.5 | 171.7 | 171.9 | 172.1 | 172.3 | 172.5 | 172.7 | 172.9 | 173.1 | 173.3 | 173.5 | 173.7 | 173.9 | 174.1 | 174.3 | 174.5 | 174.7 | 174.9 | 175.1 | 175.3 | 175.5 | 175.7 | 175.9 | 176.1 | 176.3 | 176.5 | 176.7 | 176.9 | 177.1 | 177.3 | 177.5 | 177.7 | 177.9 | 178.1 | 178.3 | 178.5 | 178.7 | 178.9 | 179.1 | 179.3 | 179.5 | 179.7 | 179.9 | 180.1 | 180.3 | 180.5 | 180.7 | 180.9 | 181.1 | 181.3 | 181.5 | 181.7 | 181.9 | 182.1 | 182.3 | 182.5 | 182.7 | 182.9 | 183.1 | 183.3 | 183.5 | 183.7 | 183.9 | 184.1 | 184.3 | 184.5 | 184.7 | 184.9 | 185.1 | 185.3 | 185.5 | 185.7 | 185.9 | 186.1 | 186.3 | 186.5 | 186.7 | 186.9 | 187.1 | 187.3 | 187.5 | 187.7 | 187.9 | 188.1 | 188.3 | 188.5 | 188.7 | 188.9 | 189.1 | 189.3 | 189.5 | 189.7 | 189.9 | 190.1 | 190.3 | 190.5 | 190.7 | 190.9 | 191.1 | 191.3 | 191.5 | 191.7 | 191.9 | 192.1 | 192.3 | 192.5 | 192.7 | 192.9 | 193.1 | 193.3 | 193.5 | 193.7 | 193.9 | 194.1 | 194.3 | 194.5 | 194.7 | 194.9 | 195.1 | 195.3 | 195.5 | 195.7 | 195.9 | 196.1 | 196.3 | 196.5 | 196.7 | 196.9 | 197.1 | 197.3 | 197.5 | 197.7 | 197.9 | 198.1 | 198.3 | 198.5 | 198.7 | 198.9 | 199.1 | 199.3 | 199.5 | 199.7 | 199.9 | 200.1 | 200.3 | 200.5 | 200.7 | 200.9 | 201.1 | 201.3 | 201.5 | 201.7 | 201.9 | 202.1 | 202.3 | 202.5 | 202.7 | 202.9 | 203.1 | 203.3 | 203.5 | 203.7 | 203.9 | 204.1 | 204.3 | 204.5 | 204.7 | 204.9 | 205.1 | 205.3 | 205.5 | 205.7 | 205.9 | 206.1 | 206.3 | 206.5 | 206.7 | 206.9 | 207.1 | 207.3 | 207.5 | 207.7 | 207.9 | 208.1 | 208.3 | 208.5 | 208.7 | 208.9 | 209.1 | 209.3 | 209.5 | 209.7 | 209.9 | 210.1 | 210.3 | 210.5 | 210.7 | 210.9 | 211.1 | 211.3 | 211.5 | 211.7 | 211.9 | 212.1 | 212.3 | 212.5 | 212.7 | 212.9 | 213.1 | 213.3 | 213.5 | 213.7 | 213.9 | 214.1 | 214.3 | 214.5 | 214.7 | 214.9 | 215.1 | 215.3 | 215.5 | 215.7 | 215.9 | 216.1 | 216.3 | 216.5 | 216.7 | 216.9 | 217.1 | 217.3 | 217.5 | 217.7 | 217.9 | 218.1 | 218.3 | 218.5 | 218.7 | 218.9 | 219.1 | 219.3 | 219.5 | 219.7 | 219.9 | 220.1 | 220.3 | 220.5 | 220.7 | 220.9 | 221.1 | 221.3 | 221.5 | 221.7 | 221.9 | 222.1 | 222.3 | 222.5 | 222.7 | 222.9 | 223.1 | 223.3 | 223.5 | 223.7 | 223.9 | 224.1 | 224.3 | 224.5 | 224.7 | 224.9 | 225.1 | 225.3 | 225.5 | 225.7 | 225.9 | 226.1 | 226.3 | 226.5 | 226.7 | 226.9 | 227.1 | 227.3 | 227.5 | 227.7 | 227.9 | 228.1 | 228.3 | 228.5 | 228.7 | 228.9 | 229.1 | 229.3 | 229.5 | 229.7 | 229.9 | 230.1 | 230.3 | 230.5 | 230.7 | 230.9 | 231.1 | 231.3 | 231.5 | 231.7 | 231.9 | 232.1 | 232.3 | 232.5 | 232.7 | 232.9 | 233.1 | 233.3 | 233.5 | 233.7 | 233.9 | 234.1 | 234.3 | 234.5 | 234.7 | 234.9 | 235.1 | 235.3 | 235.5 | 235.7 | 235.9 | 236.1 | 236.3 | 236.5 | 236.7 | 236.9 | 237.1 | 237.3 | 237.5 | 237.7 | 237.9 | 238.1 | 238.3 | 238.5 | 238.7 | 238.9 | 239.1 | 239.3 | 239.5 | 239.7 | 239.9 | 240.1 | 240.3 | 240.5 | 240.7 | 240.9 | 241.1 | 241.3 | 241.5 | 241.7 | 241.9 | 242.1 | 242.3 | 242.5 | 242.7 | 242.9 | 243.1 | 243.3 | 243.5 | 243.7 | 243.9 | 244.1 | 244.3 | 244.5 | 244.7 | 244.9 | 245.1 | 245.3 | 245.5 | 245.7 | 245.9 | 246.1 | 246.3 | 246.5 | 246.7 | 246.9 | 247.1 | 247.3 | 247.5 | 247.7 | 247.9 | 248.1 | 248.3 | 248.5 | 248.7 | 248.9 | 249.1 | 249.3 | 249.5 | 249.7 | 249.9 | 250.1 | 250.3 | 250.5 | 250.7 | 250.9 | 251.1 | 251.3 | 251.5 | 251.7 | 251.9 | 252.1 | 252.3 | 252.5 | 252.7 | 252.9 | 253.1 | 253.3 | 253.5 | 253.7 | 253.9 | 254.1 | 254.3 | 254.5 | 254.7 | 254.9 | 255.1 | 255.3 | 255.5 | 255.7 | 255.9 | 256.1 | 256.3 | 256.5 | 256.7 | 256.9 | 257.1 | 257.3 | 257.5 | 257.7 | 257.9 | 258.1 | 258.3 | 258.5 | 258.7 | 258.9 | 259.1 | 259.3 | 259.5 | 259.7 | 259.9 | 260.1 | 260.3 | 260.5 | 260.7 | 260.9 | 261.1 | 261.3 | 26 |
|------|-------|-------|----|

TOTAL NUMBER OF OBSERVATIONS 3088

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

— 229 —

• 28 •

~~OF HUNDREDS OF MILES~~

[illegible]TOTAL NUMBER OF OBSERVATIONS 611

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

CEILING VERSUS VISIBILITY

2-5-

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

3-2-2012

SECRET

~~OR HUNDREDS OF MILES.~~

[illegible]TOTAL NUMBER OF OBSERVATIONS 29

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

U.S. AIR FORCE CLIMATOLOGY BRANCH
 ETAC
 AIR STATION SERVICE/MAC

CEILING VERSUS VISIBILITY

1. STATION NAME WHEELER AIRCRAFT HALL AAF, LA

2. DATE 12-52

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

12-2-1400

| CEILING
(FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|
| | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2 | 2 1/4 | 2 1/2 | 2 3/4 | 3 | 3 1/4 | 3 1/2 | 3 3/4 | 4 | 4 1/4 |
| 0 | 12.5 | 31.4 | 39.4 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 |
| 10 | 7.3 | 46.2 | 46.7 | 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 |
| 20 | 7.3 | 46.2 | 46.7 | 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 |
| 30 | 3.4 | 46.8 | 46.8 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| 40 | 1.1 | 47.4 | 47.4 | 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 |
| 50 | 3.7 | 48.6 | 48.6 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| 60 | 2.1 | 51.4 | 51.4 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| 70 | 3.1 | 54.1 | 54.1 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| 80 | 4.3 | 59.1 | 59.1 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| 90 | 4.7 | 62.8 | 63.1 | 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 |
| 100 | 0.6 | 63.8 | 63.8 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| 110 | 5.3 | 67.8 | 68.1 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| 120 | 5.2 | 7.1 | 72.4 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| 130 | 6.6 | 76.6 | 77.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| 140 | 4.6 | 81.7 | 82.4 | 84.1 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| 150 | 4.2 | 87.5 | 88.5 | 90.1 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| 160 | 0.7 | 88.9 | 89.9 | 91.7 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| 170 | 1.6 | 92.1 | 91.7 | 92.1 | 93.3 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 180 | 1.8 | 9.2 | 91.2 | 93.1 | 93.4 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| 190 | 2.1 | 9.7 | 92.1 | 94.1 | 94.4 | 94.6 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 200 | 12.9 | 91.5 | 92.9 | 95.1 | 95.4 | 95.7 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 210 | 3.2 | 92.3 | 93.9 | 96.3 | 96.8 | 97.3 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 220 | 13.2 | 9.3 | 93.0 | 96.5 | 97.0 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 230 | 3.4 | 92.5 | 94.1 | 96.6 | 97.1 | 97.6 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 240 | 3.6 | 92.6 | 94.2 | 96.8 | 97.3 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 250 | 3.7 | 92.8 | 94.4 | 97.1 | 97.4 | 98.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 260 | 3.7 | 92.9 | 94.6 | 97.1 | 97.6 | 98.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 270 | 3.7 | 9.9 | 94.6 | 97.1 | 97.6 | 98.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 280 | 3.7 | 92.9 | 94.6 | 97.1 | 97.6 | 98.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 290 | 3.7 | 92.9 | 94.6 | 97.1 | 97.6 | 98.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 300 | 3.7 | 92.9 | 94.6 | 97.1 | 97.6 | 98.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 624

GENERAL CLIMATOLOGY PRA CH
 SAFETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: SCN AFB TCH HALL CAF FL

73-87

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING
FEET | VISIBILITY
STATUTE MILES
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 20 | 25 | 24 | 25 | 22 | 22 | 2 | 24 | 21 | 21 | 24 | 21 | 2 | 25 | 20 |
| 1000 | 33.7 | 40.3 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 900 | 41.3 | 40.1 | 40.9 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| 800 | 41.3 | 40.1 | 40.9 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| 700 | 41.5 | 40.3 | 50.1 | 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 |
| 600 | 42.1 | 40.8 | 50.6 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| 500 | 42.1 | 50.9 | 51.7 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| 400 | 40.0 | 53.7 | 54.5 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| 300 | 40.2 | 56.1 | 56.9 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| 200 | 51.1 | 62.9 | 63.7 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 100 | 51.3 | 68.8 | 69.8 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 0 | 51.4 | 71.2 | 72.5 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| 4000 | 2.4 | 76.1 | 77.6 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| 3000 | 4.6 | 79.0 | 80.5 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 2000 | 6.3 | 82.9 | 84.6 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| 1500 | 6.4 | 85.5 | 87.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| 1000 | 11.7 | 89.3 | 91.4 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| 500 | 11.7 | 89.6 | 91.7 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| 0 | 11.8 | 92.6 | 92.7 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| 400 | 73.1 | 92.7 | 92.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| 300 | 73.1 | 92.9 | 93.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 200 | 74.1 | 92.1 | 94.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 100 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 0 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 400 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 300 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 200 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 100 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 0 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 400 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 300 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 200 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 100 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 0 | 74.5 | 92.7 | 95.3 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |

TOTAL NUMBER OF OBSERVATIONS 615

CEILING VERSUS VISIBILITY

7-3-82

~~1A-2-200~~

S.B. 11 S.A. 17E MILES

~~OR THOUSANDS OF METERS)~~

| | |
|------|-------|
| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | | | | | | | | | | | | | | | | | | | |
| 1.1 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 |
| 2.1 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 60.0 |
| 3.1 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 |
| 4.1 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 |
| 5.1 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 |
| 6.1 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 |
| 7.1 | 100.1 | 100.2 | 100.3 | 100.4 | 100.5 | 100.6 | 100.7 | 100.8 | 100.9 | 101.0 | 101.1 | 101.2 | 101.3 | 101.4 | 101.5 | 101.6 | 101.7 | 101.8 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 | 102.4 | 102.5 | 102.6 | 102.7 | 102.8 | 102.9 | 103.0 | 103.1 | 103.2 | 103.3 | 103.4 | 103.5 | 103.6 | 103.7 | 103.8 | 103.9 | 104.0 | 104.1 | 104.2 | 104.3 | 104.4 | 104.5 | 104.6 | 104.7 | 104.8 | 104.9 | 105.0 | 105.1 | 105.2 | 105.3 | 105.4 | 105.5 | 105.6 | 105.7 | 105.8 | 105.9 | 106.0 | 106.1 | 106.2 | 106.3 | 106.4 | 106.5 | 106.6 | 106.7 | 106.8 | 106.9 | 107.0 | 107.1 | 107.2 | 107.3 | 107.4 | 107.5 | 107.6 | 107.7 | 107.8 | 107.9 | 108.0 | 108.1 | 108.2 | 108.3 | 108.4 | 108.5 | 108.6 | 108.7 | 108.8 | 108.9 | 109.0 | 109.1 | 109.2 | 109.3 | 109.4 | 109.5 | 109.6 | 109.7 | 109.8 | 109.9 | 110.0 |
| 8.1 | 110.1 | 110.2 | 110.3 | 110.4 | 110.5 | 110.6 | 110.7 | 110.8 | 110.9 | 111.0 | 111.1 | 111.2 | 111.3 | 111.4 | 111.5 | 111.6 | 111.7 | 111.8 | 111.9 | 112.0 | 112.1 | 112.2 | 112.3 | 112.4 | 112.5 | 112.6 | 112.7 | 112.8 | 112.9 | 113.0 | 113.1 | 113.2 | 113.3 | 113.4 | 113.5 | 113.6 | 113.7 | 113.8 | 113.9 | 114.0 | 114.1 | 114.2 | 114.3 | 114.4 | 114.5 | 114.6 | 114.7 | 114.8 | 114.9 | 115.0 | 115.1 | 115.2 | 115.3 | 115.4 | 115.5 | 115.6 | 115.7 | 115.8 | 115.9 | 116.0 | 116.1 | 116.2 | 116.3 | 116.4 | 116.5 | 116.6 | 116.7 | 116.8 | 116.9 | 117.0 | 117.1 | 117.2 | 117.3 | 117.4 | 117.5 | 117.6 | 117.7 | 117.8 | 117.9 | 118.0 | 118.1 | 118.2 | 118.3 | 118.4 | 118.5 | 118.6 | 118.7 | 118.8 | 118.9 | 119.0 | 119.1 | 119.2 | 119.3 | 119.4 | 119.5 | 119.6 | 119.7 | 119.8 | 119.9 | 120.0 |
| 9.1 | 120.1 | 120.2 | 120.3 | 120.4 | 120.5 | 120.6 | 120.7 | 120.8 | 120.9 | 121.0 | 121.1 | 121.2 | 121.3 | 121.4 | 121.5 | 121.6 | 121.7 | 121.8 | 121.9 | 122.0 | 122.1 | 122.2 | 122.3 | 122.4 | 122.5 | 122.6 | 122.7 | 122.8 | 122.9 | 123.0 | 123.1 | 123.2 | 123.3 | 123.4 | 123.5 | 123.6 | 123.7 | 123.8 | 123.9 | 124.0 | 124.1 | 124.2 | 124.3 | 124.4 | 124.5 | 124.6 | 124.7 | 124.8 | 124.9 | 125.0 | 125.1 | 125.2 | 125.3 | 125.4 | 125.5 | 125.6 | 125.7 | 125.8 | 125.9 | 126.0 | 126.1 | 126.2 | 126.3 | 126.4 | 126.5 | 126.6 | 126.7 | 126.8 | 126.9 | 127.0 | 127.1 | 127.2 | 127.3 | 127.4 | 127.5 | 127.6 | 127.7 | 127.8 | 127.9 | 128.0 | 128.1 | 128.2 | 128.3 | 128.4 | 128.5 | 128.6 | 128.7 | 128.8 | 128.9 | 129.0 | 129.1 | 129.2 | 129.3 | 129.4 | 129.5 | 129.6 | 129.7 | 129.8 | 129.9 | 130.0 |
| 10.1 | 130.1 | 130.2 | 130.3 | 130.4 | 130.5 | 130.6 | 130.7 | 130.8 | 130.9 | 131.0 | 131.1 | 131.2 | 131.3 | 131.4 | 131.5 | 131.6 | 131.7 | 131.8 | 131.9 | 132.0 | 132.1 | 132.2 | 132.3 | 132.4 | 132.5 | 132.6 | 132.7 | 132.8 | 132.9 | 133.0 | 133.1 | 133.2 | 133.3 | 133.4 | 133.5 | 133.6 | 133.7 | 133.8 | 133.9 | 134.0 | 134.1 | 134.2 | 134.3 | 134.4 | 134.5 | 134.6 | 134.7 | 134.8 | 134.9 | 135.0 | 135.1 | 135.2 | 135.3 | 135.4 | 135.5 | 135.6 | 135.7 | 135.8 | 135.9 | 136.0 | 136.1 | 136.2 | 136.3 | 136.4 | 136.5 | 136.6 | 136.7 | 136.8 | 136.9 | 137.0 | 137.1 | 137.2 | 137.3 | 137.4 | 137.5 | 137.6 | 137.7 | 137.8 | 137.9 | 138.0 | 138.1 | 138.2 | 138.3 | 138.4 | 138.5 | 138.6 | 138.7 | 138.8 | 138.9 | 139.0 | 139.1 | 139.2 | 139.3 | 139.4 | 139.5 | 139.6 | 139.7 | 139.8 | 139.9 | 140.0 |
| 11.1 | 140.1 | 140.2 | 140.3 | 140.4 | 140.5 | 140.6 | 140.7 | 140.8 | 140.9 | 141.0 | 141.1 | 141.2 | 141.3 | 141.4 | 141.5 | 141.6 | 141.7 | 141.8 | 141.9 | 142.0 | 142.1 | 142.2 | 142.3 | 142.4 | 142.5 | 142.6 | 142.7 | 142.8 | 142.9 | 143.0 | 143.1 | 143.2 | 143.3 | 143.4 | 143.5 | 143.6 | 143.7 | 143.8 | 143.9 | 144.0 | 144.1 | 144.2 | 144.3 | 144.4 | 144.5 | 144.6 | 144.7 | 144.8 | 144.9 | 145.0 | 145.1 | 145.2 | 145.3 | 145.4 | 145.5 | 145.6 | 145.7 | 145.8 | 145.9 | 146.0 | 146.1 | 146.2 | 146.3 | 146.4 | 146.5 | 146.6 | 146.7 | 146.8 | 146.9 | 147.0 | 147.1 | 147.2 | 147.3 | 147.4 | 147.5 | 147.6 | 147.7 | 147.8 | 147.9 | 148.0 | 148.1 | 148.2 | 148.3 | 148.4 | 148.5 | 148.6 | 148.7 | 148.8 | 148.9 | 149.0 | 149.1 | 149.2 | 149.3 | 149.4 | 149.5 | 149.6 | 149.7 | 149.8 | 149.9 | 150.0 |
| 12.1 | 150.1 | 150.2 | 150.3 | 150.4 | 150.5 | 150.6 | 150.7 | 150.8 | 150.9 | 151.0 | 151.1 | 151.2 | 151.3 | 151.4 | 151.5 | 151.6 | 151.7 | 151.8 | 151.9 | 152.0 | 152.1 | 152.2 | 152.3 | 152.4 | 152.5 | 152.6 | 152.7 | 152.8 | 152.9 | 153.0 | 153.1 | 153.2 | 153.3 | 153.4 | 153.5 | 153.6 | 153.7 | 153.8 | 153.9 | 154.0 | 154.1 | 154.2 | 154.3 | 154.4 | 154.5 | 154.6 | 154.7 | 154.8 | 154.9 | 155.0 | 155.1 | 155.2 | 155.3 | 155.4 | 155.5 | 155.6 | 155.7 | 155.8 | 155.9 | 156.0 | 156.1 | 156.2 | 156.3 | 156.4 | 156.5 | 156.6 | 156.7 | 156.8 | 156.9 | 157.0 | 157.1 | 157.2 | 157.3 | 157.4 | 157.5 | 157.6 | 157.7 | 157.8 | 157.9 | 158.0 | 158.1 | 158.2 | 158.3 | 158.4 | 158.5 | 158.6 | 158.7 | 158.8 | 158.9 | 159.0 | 159.1 | 159.2 | 159.3 | 159.4 | 159.5 | 159.6 | 159.7 | 159.8 | 159.9 | 160.0 |
| 13.1 | 160.1 | 160.2 | 160.3 | 160.4 | 160.5 | 160.6 | 160.7 | 160.8 | 160.9 | 161.0 | 161.1 | 161.2 | 161.3 | 161.4 | 161.5 | 161.6 | 161.7 | 161.8 | 161.9 | 162.0 | 162.1 | 162.2 | 162.3 | 162.4 | 162.5 | |

TOTAL NUMBER OF OBSERVATIONS 566

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

77-20

~~100-2300~~

TOTAL NUMBER OF OBSERVATIONS 89

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
ETAC
AF WEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

1 40 100-4551 CH HALL AAF DL

73-67

1111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | | | OR HUNDREDS OF METERS | | | | | | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| CEILING
FEET | 200 | 26 | 35 | 44 | 53 | 62 | 71 | 80 | 89 | 98 | 107 | 116 | 125 | 134 | 143 | 152 | 200 | 26 | 35 | 44 | 53 | 62 | 71 | 80 | 89 | 98 | 107 | 116 | 125 | 134 | 143 | 152 | |
| 10000 | 32.7 | 39.9 | 44.3 | 41.9 | 42.2 | 42.3 | 42.5 | 42.6 | 42.6 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | |
| 8000 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 6000 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 4000 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 2000 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 1000 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 800 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 600 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 400 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 200 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 100 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 80 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 60 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 40 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 20 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 10 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 8 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 6 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 4 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 2 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |
| 1 | 46.1 | 46.7 | 48.7 | 49.1 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 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 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | |

TOTAL NUMBER OF OBSERVATIONS 3129

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 40 SCHAEFELSH HALL AAF DL

73-87

111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

662-5820

| | | VISIBILITY: STATUTE MILES
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|--------------------|--------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| FEET | FEET | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 20000 | 20000 | 22.6 | 33.1 | 35.8 | 39.0 | 39.8 | 40.3 | 41.1 | 41.6 | 41.6 | 41.6 | 41.9 | 42.1 | 42.4 | 42.4 | 42.6 | 42.7 |
| 18000 | 18000 | 22.6 | 36.8 | 39.7 | 43.0 | 43.8 | 44.3 | 45.1 | 45.8 | 45.8 | 45.8 | 46.1 | 46.2 | 46.6 | 46.6 | 46.9 | 47.5 |
| 16000 | 16000 | 22.6 | 36.8 | 39.8 | 43.2 | 44.0 | 44.5 | 45.3 | 46.1 | 46.1 | 46.1 | 46.4 | 46.6 | 46.6 | 46.9 | 47.2 | 47.8 |
| 14000 | 14000 | 22.4 | 37.8 | 40.8 | 44.2 | 45.0 | 45.4 | 46.2 | 47.0 | 47.0 | 47.0 | 47.4 | 47.5 | 47.9 | 47.8 | 48.2 | 48.8 |
| 12000 | 12000 | 22.4 | 38.1 | 41.1 | 45.1 | 45.9 | 46.4 | 47.2 | 48.0 | 48.0 | 48.0 | 48.3 | 48.5 | 48.8 | 48.8 | 49.1 | 49.8 |
| 10000 | 10000 | 22.5 | 41.0 | 44.0 | 48.3 | 49.1 | 49.6 | 50.4 | 51.2 | 51.2 | 51.2 | 51.5 | 51.7 | 52.0 | 52.0 | 52.3 | 53.0 |
| 8000 | 8000 | 22.1 | 41.9 | 45.0 | 49.3 | 50.1 | 50.6 | 51.4 | 52.2 | 52.2 | 52.2 | 52.5 | 52.6 | 53.0 | 53.0 | 53.3 | 53.9 |
| 6000 | 6000 | 22.2 | 46.4 | 49.6 | 54.2 | 55.0 | 55.5 | 56.3 | 57.4 | 57.4 | 57.4 | 57.8 | 57.9 | 58.2 | 58.2 | 58.6 | 59.2 |
| 4000 | 4000 | 33.2 | 46.6 | 51.8 | 56.5 | 57.4 | 57.9 | 58.7 | 59.8 | 59.8 | 59.8 | 60.2 | 60.3 | 60.6 | 60.6 | 61.0 | 61.6 |
| 2000 | 2000 | 34.7 | 49.4 | 52.6 | 57.3 | 58.2 | 58.7 | 59.5 | 60.6 | 60.6 | 60.6 | 61.0 | 61.1 | 61.4 | 61.4 | 61.8 | 62.4 |
| 1000 | 1000 | 37.8 | 53.6 | 57.1 | 61.9 | 63.0 | 63.5 | 64.3 | 65.6 | 65.6 | 65.6 | 65.9 | 66.1 | 66.4 | 66.4 | 66.7 | 67.4 |
| 500 | 500 | 38.5 | 56.5 | 60.2 | 65.1 | 66.2 | 66.7 | 67.7 | 69.0 | 69.0 | 69.0 | 69.3 | 69.4 | 69.8 | 69.8 | 70.1 | 70.7 |
| 200 | 200 | 38.4 | 58.6 | 62.5 | 67.6 | 68.7 | 69.2 | 70.2 | 71.5 | 71.5 | 71.5 | 71.8 | 71.9 | 72.3 | 72.3 | 72.6 | 73.2 |
| 100 | 100 | 40.1 | 61.7 | 65.9 | 71.7 | 73.3 | 73.8 | 74.7 | 76.3 | 76.3 | 76.3 | 76.6 | 76.7 | 77.1 | 77.4 | 77.4 | 77.8 |
| 50 | 50 | 40.6 | 65.4 | 69.8 | 76.0 | 77.8 | 78.2 | 79.2 | 80.8 | 80.8 | 80.8 | 81.1 | 81.4 | 81.6 | 81.9 | 81.9 | 82.2 |
| 25 | 25 | 47.0 | 65.9 | 70.2 | 76.6 | 78.4 | 78.9 | 79.9 | 81.4 | 81.6 | 82.1 | 82.4 | 82.6 | 82.9 | 82.9 | 83.2 | 83.8 |
| 10 | 10 | 48.5 | 68.0 | 72.5 | 79.4 | 81.1 | 81.6 | 82.6 | 84.5 | 84.6 | 85.1 | 85.4 | 85.6 | 85.9 | 85.9 | 86.2 | 86.9 |
| 5 | 5 | 48.5 | 68.0 | 72.6 | 79.5 | 81.4 | 81.9 | 82.9 | 84.8 | 85.1 | 85.6 | 85.9 | 86.1 | 86.4 | 86.4 | 86.7 | 87.4 |
| 2 | 2 | 48.8 | 69.3 | 74.2 | 81.4 | 83.4 | 83.8 | 85.0 | 86.9 | 87.2 | 87.7 | 88.0 | 88.2 | 88.5 | 88.5 | 88.8 | 89.4 |
| 1 | 1 | 49.9 | 71.9 | 75.8 | 83.4 | 85.3 | 85.8 | 86.9 | 89.0 | 89.3 | 89.8 | 90.1 | 90.2 | 90.6 | 90.6 | 90.9 | 91.5 |
| 0.5 | 0.5 | 50.4 | 71.4 | 77.0 | 84.6 | 86.7 | 87.4 | 88.8 | 91.0 | 91.4 | 91.8 | 92.2 | 92.3 | 92.6 | 92.6 | 93.0 | 93.6 |
| 0.25 | 0.25 | 50.4 | 71.4 | 77.4 | 85.4 | 87.5 | 88.2 | 89.8 | 92.5 | 92.8 | 93.3 | 93.6 | 93.8 | 94.2 | 94.2 | 94.6 | 95.2 |
| 0.1 | 0.1 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.05 | 0.05 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.025 | 0.025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.01 | 0.01 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.005 | 0.005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0025 | 0.0025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.001 | 0.001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0005 | 0.0005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00025 | 0.00025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0001 | 0.0001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00005 | 0.00005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000025 | 0.000025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00001 | 0.00001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000005 | 0.000005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0000025 | 0.0000025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000001 | 0.000001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0000005 | 0.0000005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00000025 | 0.00000025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0000001 | 0.0000001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00000005 | 0.00000005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000000025 | 0.000000025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00000001 | 0.00000001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000000005 | 0.000000005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0000000025 | 0.0000000025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000000001 | 0.000000001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0000000005 | 0.0000000005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00000000025 | 0.00000000025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0000000001 | 0.0000000001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00000000005 | 0.00000000005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000000000025 | 0.000000000025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00000000001 | 0.00000000001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000000000005 | 0.000000000005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0000000000025 | 0.0000000000025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000000000001 | 0.000000000001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0000000000005 | 0.0000000000005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00000000000025 | 0.00000000000025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0000000000001 | 0.0000000000001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00000000000005 | 0.00000000000005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000000000000025 | 0.000000000000025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.00000000000001 | 0.00000000000001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000000000000005 | 0.000000000000005 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.0000000000000025 | 0.0000000000000025 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | 95.4 | 95.7 | 96.3 |
| 0.000000000000001 | 0.000000000000001 | 50.4 | 72.0 | 77.6 | 85.8 | 87.8 | 88.6 | 90.2 | 93.3 | 93.8 | 94.2 | 94.7 | 94.9 | 95.4 | | | |

CL AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 457 SCHAEFELTSCHE HALL AAF DL

73-47

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

907-1100

| | | VISIBILITY - STATUTE MILES
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|----|------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 20 | 25 | 24 | 23 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 25 | 24 | 20 |
| | | 0.75 | 0.90 | 0.80 | 0.60 | 0.48 | 0.34 | 0.32 | 0.24 | 0.22 | 0.16 | 0.12 | 0.10 | 0.08 | 0.05 | 0.04 | 0.0 |
| 1 | 0.00 | 27.4 | 37.4 | 38.0 | 39.9 | 41.4 | 42.4 | 42.9 | 42.9 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |
| 2 | 0.00 | 1.4 | 41.5 | 42.2 | 44.1 | 44.5 | 44.5 | 45.0 | 45.2 | 45.2 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| 3 | 0.00 | 1.4 | 41.5 | 42.2 | 44.1 | 44.5 | 44.5 | 45.0 | 45.2 | 45.2 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| 4 | 0.00 | 2.5 | 42.6 | 43.3 | 45.2 | 45.6 | 45.6 | 46.1 | 46.3 | 46.3 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| 5 | 0.00 | 3.2 | 44.5 | 45.2 | 47.2 | 47.7 | 47.7 | 48.2 | 48.3 | 48.3 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| 6 | 0.00 | 37.1 | 47.7 | 48.3 | 50.4 | 50.9 | 50.9 | 51.3 | 51.5 | 51.5 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 7 | 0.00 | 37.2 | 48.7 | 49.3 | 51.3 | 51.8 | 51.8 | 52.3 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| 8 | 0.00 | 1.5 | 53.1 | 53.9 | 56.1 | 56.6 | 56.6 | 57.1 | 57.2 | 57.2 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 9 | 0.00 | 4.4 | 56.1 | 56.9 | 59.1 | 59.6 | 59.6 | 60.1 | 60.2 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| 10 | 0.00 | 4.4 | 56.1 | 56.9 | 59.1 | 59.6 | 59.6 | 60.1 | 60.2 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| 11 | 0.00 | 4.1 | 59.1 | 59.9 | 62.4 | 63.1 | 63.1 | 63.5 | 63.7 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| 12 | 0.00 | 4.2 | 61.5 | 62.3 | 64.8 | 65.8 | 65.8 | 66.2 | 66.4 | 66.4 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| 13 | 0.00 | 2.3 | 66.1 | 67.1 | 69.9 | 70.8 | 70.8 | 71.3 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 14 | 0.00 | 5.2 | 67.7 | 71.1 | 74.3 | 75.3 | 75.3 | 76.2 | 76.5 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 15 | 0.00 | 52.4 | 75.9 | 77.3 | 81.3 | 82.3 | 82.3 | 83.2 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| 16 | 0.00 | 60.7 | 77.8 | 79.4 | 83.4 | 84.8 | 84.8 | 85.7 | 86.2 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| 17 | 0.00 | 1.4 | 79.7 | 81.5 | 86.1 | 87.5 | 87.5 | 88.4 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| 18 | 0.00 | 1.9 | 79.7 | 81.5 | 86.2 | 87.6 | 87.6 | 88.5 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 19 | 0.00 | 2.1 | 81.5 | 82.4 | 87.8 | 89.2 | 89.4 | 90.6 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| 20 | 0.00 | 2.8 | 81.9 | 84.1 | 90.0 | 91.4 | 91.9 | 93.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| 21 | 0.00 | 62.9 | 82.4 | 85.7 | 91.8 | 93.3 | 94.0 | 95.7 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 22 | 0.00 | 3.5 | 83.2 | 86.4 | 92.6 | 94.3 | 95.1 | 97.3 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 23 | 0.00 | 3.5 | 83.2 | 86.4 | 92.9 | 94.6 | 95.4 | 97.4 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 24 | 0.00 | 3.5 | 83.2 | 86.4 | 92.9 | 94.6 | 95.4 | 97.8 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 25 | 0.00 | 3.5 | 83.2 | 86.4 | 93.1 | 94.8 | 95.6 | 97.9 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 26 | 0.00 | 3.5 | 83.2 | 86.4 | 93.0 | 94.8 | 95.6 | 97.9 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 27 | 0.00 | 3.5 | 83.2 | 86.4 | 93.0 | 94.8 | 95.6 | 97.9 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 28 | 0.00 | 3.5 | 83.2 | 86.4 | 93.0 | 94.8 | 95.6 | 97.9 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 29 | 0.00 | 3.5 | 83.2 | 86.4 | 93.0 | 94.8 | 95.6 | 97.9 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 30 | 0.00 | 3.5 | 83.2 | 86.4 | 93.0 | 94.8 | 95.6 | 97.9 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 631

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

CEILING VERSUS VISIBILITY

73-62

114

12-2-1425

TOTAL NUMBER OF OBSERVATIONS 632

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

U.S. AIR FORCE
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-45 SCHAEFELICH HALL AAF DL

73-82

1-11

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-0-1700

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | | OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | | | | |
| 1-1000 | 35.1 | 43.9 | 44.2 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | | | | |
| 1-800 | 1.1 | 51.1 | 51.5 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | | | | |
| 1-600 | 1.1 | 51.1 | 51.5 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | | | | |
| 1-400 | 41.1 | 51.8 | 52.1 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | | | | |
| 1-200 | 42.1 | 52.9 | 53.2 | 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 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | | | | |
| 1-100 | 43.6 | 57.9 | 58.2 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | | | | |
| 1-50 | 44.7 | 59.5 | 59.8 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 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 | | | | |
| 1-25 | 54.1 | 69.4 | 69.8 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | | | | |
| 1-10 | 55.3 | 70.8 | 71.3 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | | | | |
| 1-5 | 56.1 | 71.8 | 72.4 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | | | | |
| 1-2 | 61.3 | 77.6 | 78.2 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | | | | |
| 1-1 | 63.1 | 80.2 | 81.7 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | | | | |
| 1-0.5 | 66.9 | 83.4 | 84.2 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | | | | |
| 1-0.25 | 67.8 | 87.4 | 88.2 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | | | | |
| 1-0.1 | 70.6 | 88.9 | 89.7 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | | | | |
| 1-0.05 | 71.1 | 89.7 | 90.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | | | | |
| 1-0.025 | 72.3 | 91.0 | 92.1 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | | | | |
| 1-0.01 | 72.3 | 91.3 | 92.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | | | | |
| 1-0.005 | 72.6 | 92.1 | 93.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | | | | |
| 1-0.0025 | 72.7 | 92.7 | 94.2 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | | | | |
| 1-0.001 | 72.9 | 92.9 | 94.4 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | | | | |
| 1-0.0005 | 72.9 | 93.1 | 94.5 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | | | | |
| 1-0.00025 | 72.9 | 93.1 | 94.5 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | | | | |
| 1-0.0001 | 72.9 | 93.1 | 94.5 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | | | | |
| 1-0.00005 | 72.9 | 93.1 | 94.5 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | | | | |
| 1-0.000025 | 72.9 | 93.1 | 94.5 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | | | | |
| 1-0.00001 | 72.9 | 93.1 | 94.5 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | | | | |

TOTAL NUMBER OF OBSERVATIONS 620

CEILING VERSUS VISIBILITY

73-82

~~157-2530~~

CD (HUNDREDS OF METERS)

TOTAL NUMBER OF OBSERVATIONS 592

CEILING VERSUS VISIBILITY

27-82

21-f-2322

TOTAL NUMBER OF OBSERVATIONS 96

OFFICIAL CLIMATE BY BRANCH
ETAC
A. WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

1 40 SCHAEFFER HALL AAF OL

70-40

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

| | | VISIBILITY (STATUTE MILES) | | CEILING (HUNDREDS OF METERS) | |
|----|------|----------------------------|------------------------------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 1 | 1.2 | 4.4 | 41.1 | 42.4 | 42.7 | 42.8 | 43.7 | 43.1 | 43.1 | 43.1 | 43.2 | 43.2 | 43.2 | 43.2 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| 2 | 3.5 | 46.2 | 46.9 | 48.2 | 48.5 | 48.6 | 48.8 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| 3 | 35.0 | 46.2 | 46.9 | 48.2 | 48.5 | 48.6 | 48.8 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| 4 | 35.0 | 46.2 | 46.9 | 48.2 | 48.5 | 48.6 | 48.8 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| 5 | 3.5 | 47.0 | 47.8 | 49.2 | 49.4 | 49.5 | 49.7 | 49.9 | 49.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 6 | 37.8 | 49.5 | 49.3 | 5.8 | 51.1 | 51.2 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| 7 | 41.2 | 52.4 | 53.2 | 54.8 | 55.1 | 55.2 | 55.4 | 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 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| 8 | 42.0 | 53.6 | 54.3 | 56.0 | 56.3 | 56.4 | 56.6 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| 9 | 47.4 | 60.9 | 61.9 | 63.8 | 64.1 | 64.2 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| 10 | 4.2 | 61.6 | 63.7 | 65.5 | 65.8 | 66.0 | 66.2 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| 11 | 4.8 | 63.5 | 64.6 | 66.5 | 66.8 | 67.0 | 67.2 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 12 | 3.5 | 68.1 | 69.1 | 71.4 | 71.8 | 72.0 | 72.2 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| 13 | 55.0 | 70.6 | 71.8 | 74.2 | 74.8 | 74.9 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| 14 | 5.1 | 74.6 | 75.9 | 78.6 | 79.3 | 79.4 | 79.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 15 | 1.5 | 77.7 | 79.1 | 82.3 | 82.9 | 83.1 | 83.5 | 83.9 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 16 | 4.2 | 81.4 | 83.0 | 86.5 | 87.3 | 87.4 | 87.8 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| 17 | 5.1 | 82.4 | 84.1 | 87.5 | 88.5 | 88.6 | 89.0 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 18 | 5.0 | 83.7 | 85.5 | 89.3 | 90.2 | 90.3 | 90.8 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| 19 | 6.0 | 84.1 | 86.0 | 89.7 | 90.7 | 90.8 | 91.3 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| 20 | 6.3 | 84.9 | 86.9 | 91.0 | 91.9 | 92.1 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 21 | 6.7 | 85.8 | 87.9 | 92.5 | 93.5 | 93.7 | 94.5 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| 22 | 6.7 | 86.2 | 88.7 | 93.4 | 94.6 | 95.0 | 95.9 | 96.7 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 23 | 6.7 | 86.5 | 89.0 | 93.8 | 95.0 | 95.5 | 96.6 | 97.7 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 24 | 6.2 | 86.5 | 89.0 | 93.9 | 95.2 | 95.7 | 97.0 | 98.1 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 25 | 6.7 | 86.5 | 89.0 | 93.9 | 95.2 | 95.7 | 97.0 | 98.1 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 26 | 6.7 | 86.6 | 89.1 | 94.1 | 95.5 | 96.0 | 97.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 27 | 6.2 | 86.6 | 89.1 | 94.1 | 95.5 | 96.0 | 97.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 28 | 6.2 | 86.6 | 89.1 | 94.1 | 95.5 | 96.0 | 97.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 29 | 6.2 | 86.6 | 89.1 | 94.1 | 95.5 | 96.0 | 97.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 30 | 6.2 | 86.6 | 89.1 | 94.1 | 95.5 | 96.0 | 97.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 3196

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

1
FEDERAL BUREAU OF INVESTIGATION
ETAC
FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

400-6000

| | | OR IN HUNDREDS OF METERS | | | | | | | | | | | | | | | |
|----|-----|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 |
| 1 | 20 | 30.5 | 32.5 | 34.5 | 36.5 | 38.5 | 40.5 | 42.5 | 44.5 | 46.5 | 48.5 | 50.5 | 52.5 | 54.5 | 56.5 | 58.5 | 60.5 |
| 2 | 22 | 32.4 | 34.4 | 36.4 | 38.4 | 40.4 | 42.4 | 44.4 | 46.4 | 48.4 | 50.4 | 52.4 | 54.4 | 56.4 | 58.4 | 60.4 | 62.4 |
| 3 | 24 | 34.2 | 36.2 | 38.2 | 40.2 | 42.2 | 44.2 | 46.2 | 48.2 | 50.2 | 52.2 | 54.2 | 56.2 | 58.2 | 60.2 | 62.2 | 64.2 |
| 4 | 26 | 36.0 | 38.0 | 40.0 | 42.0 | 44.0 | 46.0 | 48.0 | 50.0 | 52.0 | 54.0 | 56.0 | 58.0 | 60.0 | 62.0 | 64.0 | 66.0 |
| 5 | 28 | 37.8 | 39.8 | 41.8 | 43.8 | 45.8 | 47.8 | 49.8 | 51.8 | 53.8 | 55.8 | 57.8 | 59.8 | 61.8 | 63.8 | 65.8 | 67.8 |
| 6 | 30 | 39.6 | 41.6 | 43.6 | 45.6 | 47.6 | 49.6 | 51.6 | 53.6 | 55.6 | 57.6 | 59.6 | 61.6 | 63.6 | 65.6 | 67.6 | 69.6 |
| 7 | 32 | 41.4 | 43.4 | 45.4 | 47.4 | 49.4 | 51.4 | 53.4 | 55.4 | 57.4 | 59.4 | 61.4 | 63.4 | 65.4 | 67.4 | 69.4 | 71.4 |
| 8 | 34 | 43.2 | 45.2 | 47.2 | 49.2 | 51.2 | 53.2 | 55.2 | 57.2 | 59.2 | 61.2 | 63.2 | 65.2 | 67.2 | 69.2 | 71.2 | 73.2 |
| 9 | 36 | 45.0 | 47.0 | 49.0 | 51.0 | 53.0 | 55.0 | 57.0 | 59.0 | 61.0 | 63.0 | 65.0 | 67.0 | 69.0 | 71.0 | 73.0 | 75.0 |
| 10 | 38 | 46.8 | 48.8 | 50.8 | 52.8 | 54.8 | 56.8 | 58.8 | 60.8 | 62.8 | 64.8 | 66.8 | 68.8 | 70.8 | 72.8 | 74.8 | 76.8 |
| 11 | 40 | 48.6 | 50.6 | 52.6 | 54.6 | 56.6 | 58.6 | 60.6 | 62.6 | 64.6 | 66.6 | 68.6 | 70.6 | 72.6 | 74.6 | 76.6 | 78.6 |
| 12 | 42 | 50.4 | 52.4 | 54.4 | 56.4 | 58.4 | 60.4 | 62.4 | 64.4 | 66.4 | 68.4 | 70.4 | 72.4 | 74.4 | 76.4 | 78.4 | 80.4 |
| 13 | 44 | 52.2 | 54.2 | 56.2 | 58.2 | 60.2 | 62.2 | 64.2 | 66.2 | 68.2 | 70.2 | 72.2 | 74.2 | 76.2 | 78.2 | 80.2 | 82.2 |
| 14 | 46 | 54.0 | 56.0 | 58.0 | 60.0 | 62.0 | 64.0 | 66.0 | 68.0 | 70.0 | 72.0 | 74.0 | 76.0 | 78.0 | 80.0 | 82.0 | 84.0 |
| 15 | 48 | 55.8 | 57.8 | 59.8 | 61.8 | 63.8 | 65.8 | 67.8 | 69.8 | 71.8 | 73.8 | 75.8 | 77.8 | 79.8 | 81.8 | 83.8 | 85.8 |
| 16 | 50 | 57.6 | 59.6 | 61.6 | 63.6 | 65.6 | 67.6 | 69.6 | 71.6 | 73.6 | 75.6 | 77.6 | 79.6 | 81.6 | 83.6 | 85.6 | 87.6 |
| 17 | 52 | 59.4 | 61.4 | 63.4 | 65.4 | 67.4 | 69.4 | 71.4 | 73.4 | 75.4 | 77.4 | 79.4 | 81.4 | 83.4 | 85.4 | 87.4 | 89.4 |
| 18 | 54 | 61.2 | 63.2 | 65.2 | 67.2 | 69.2 | 71.2 | 73.2 | 75.2 | 77.2 | 79.2 | 81.2 | 83.2 | 85.2 | 87.2 | 89.2 | 91.2 |
| 19 | 56 | 63.0 | 65.0 | 67.0 | 69.0 | 71.0 | 73.0 | 75.0 | 77.0 | 79.0 | 81.0 | 83.0 | 85.0 | 87.0 | 89.0 | 91.0 | 93.0 |
| 20 | 58 | 64.8 | 66.8 | 68.8 | 70.8 | 72.8 | 74.8 | 76.8 | 78.8 | 80.8 | 82.8 | 84.8 | 86.8 | 88.8 | 90.8 | 92.8 | 94.8 |
| 21 | 60 | 66.6 | 68.6 | 70.6 | 72.6 | 74.6 | 76.6 | 78.6 | 80.6 | 82.6 | 84.6 | 86.6 | 88.6 | 90.6 | 92.6 | 94.6 | 96.6 |
| 22 | 62 | 68.4 | 70.4 | 72.4 | 74.4 | 76.4 | 78.4 | 80.4 | 82.4 | 84.4 | 86.4 | 88.4 | 90.4 | 92.4 | 94.4 | 96.4 | 98.4 |
| 23 | 64 | 70.2 | 72.2 | 74.2 | 76.2 | 78.2 | 80.2 | 82.2 | 84.2 | 86.2 | 88.2 | 90.2 | 92.2 | 94.2 | 96.2 | 98.2 | 100.0 |
| 24 | 66 | 72.0 | 74.0 | 76.0 | 78.0 | 80.0 | 82.0 | 84.0 | 86.0 | 88.0 | 90.0 | 92.0 | 94.0 | 96.0 | 98.0 | 100.0 | 100.0 |
| 25 | 68 | 73.8 | 75.8 | 77.8 | 79.8 | 81.8 | 83.8 | 85.8 | 87.8 | 89.8 | 91.8 | 93.8 | 95.8 | 97.8 | 99.8 | 100.0 | 100.0 |
| 26 | 70 | 75.6 | 77.6 | 79.6 | 81.6 | 83.6 | 85.6 | 87.6 | 89.6 | 91.6 | 93.6 | 95.6 | 97.6 | 99.6 | 100.0 | 100.0 | 100.0 |
| 27 | 72 | 77.4 | 79.4 | 81.4 | 83.4 | 85.4 | 87.4 | 89.4 | 91.4 | 93.4 | 95.4 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 28 | 74 | 79.2 | 81.2 | 83.2 | 85.2 | 87.2 | 89.2 | 91.2 | 93.2 | 95.2 | 97.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 29 | 76 | 81.0 | 83.0 | 85.0 | 87.0 | 89.0 | 91.0 | 93.0 | 95.0 | 97.0 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 30 | 78 | 82.8 | 84.8 | 86.8 | 88.8 | 90.8 | 92.8 | 94.8 | 96.8 | 98.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 31 | 80 | 84.6 | 86.6 | 88.6 | 90.6 | 92.6 | 94.6 | 96.6 | 98.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 32 | 82 | 86.4 | 88.4 | 90.4 | 92.4 | 94.4 | 96.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 33 | 84 | 88.2 | 90.2 | 92.2 | 94.2 | 96.2 | 98.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 34 | 86 | 90.0 | 92.0 | 94.0 | 96.0 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 35 | 88 | 91.8 | 93.8 | 95.8 | 97.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 36 | 90 | 93.6 | 95.6 | 97.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 37 | 92 | 95.4 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 38 | 94 | 97.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 39 | 96 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 40 | 98 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 41 | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 658

CEILING VERSUS VISIBILITY

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1

— 225 —

GE (HANDLES - 1 METERS)

TOTAL NUMBER OF OBSERVATIONS 662

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

- 3 -

~~12-5-1422~~

TOTAL NUMBER OF OBSERVATIONS 463

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

CEILING VERSUS VISIBILITY

1 4700 000 AFB TUCH HALL AAF DL

73-20

ANC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | | OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | | |
|----------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|
| 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 | 950 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 | | | |
| 51.4 | 42.8 | 43.4 | 44.0 | 44.7 | 44.2 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | | | |
| 50.1 | 50.1 | 50.1 | 51.4 | 51.7 | 51.7 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | | | |
| 5.7 | 51.4 | 52.2 | 52.5 | 52.5 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | | | |
| 51.1 | 51.9 | 52.7 | 53.7 | 53.7 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | | | |
| 52.4 | 53.1 | 53.9 | 54.2 | 54.2 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | | | |
| 55.7 | 56.4 | 57.4 | 57.7 | 57.7 | 58.4 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | | | |
| 57.8 | 60.5 | 61.8 | 62.1 | 62.1 | 62.8 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | | | |
| 65.6 | 66.3 | 66.4 | 68.7 | 68.7 | 69.5 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | | | |
| 68.1 | 68.9 | 71.1 | 71.3 | 71.3 | 72.1 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | | | |
| 70.6 | 71.6 | 74.2 | 74.5 | 74.5 | 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 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | | | |
| 72.7 | 73.9 | 76.5 | 76.8 | 76.8 | 77.5 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | | | |
| 75.9 | 77.1 | 79.8 | 80.1 | 80.1 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | | | |
| 8.0 | 81.5 | 84.6 | 85.1 | 85.1 | 85.9 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | | | |
| 83.3 | 84.9 | 88.6 | 88.9 | 88.9 | 89.7 | 90.0 | 90.1 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | | | |
| 86.8 | 88.9 | 93.5 | 93.8 | 93.8 | 94.5 | 94.8 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | | | |
| 87.3 | 89.4 | 94.2 | 94.5 | 94.5 | 95.3 | 95.6 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | | | |
| 88.1 | 90.1 | 95.0 | 95.4 | 95.4 | 96.4 | 96.7 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | | | |
| 88.8 | 9.9 | 95.8 | 96.2 | 96.2 | 97.1 | 97.4 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | | | |
| 88.9 | 91.2 | 96.7 | 97.3 | 97.3 | 98.2 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | | | |
| 88.9 | 91.4 | 97.1 | 97.7 | 97.7 | 98.6 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | | | |
| 89.1 | 91.5 | 97.4 | 98.2 | 98.2 | 99.1 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | | | |
| 89.1 | 91.5 | 97.4 | 98.2 | 98.2 | 99.1 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| 89.2 | 91.7 | 97.6 | 98.3 | 98.3 | 99.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 659

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

1
J. AL CLIMATOLOGY BRANCH
ETAC
FATHER SERVICE MAC

CEILING VERSUS VISIBILITY

1 400 1000 AFB BILCH HALL AAF DL

73-80

400

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

400-2000

| CEILING
FEET | VISIBILITY STATUTE MILES
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 300 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 |
| 1000 | 1.2 | 46.9 | 48.1 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 |
| 900 | 45.1 | 56.3 | 57.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 800 | 45.1 | 56.3 | 57.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 700 | 45.1 | 56.3 | 57.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 600 | 45.1 | 56.3 | 57.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 500 | 45.1 | 56.3 | 57.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 400 | 45.1 | 56.3 | 57.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 300 | 45.1 | 56.3 | 57.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 200 | 45.1 | 56.3 | 57.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 100 | 45.1 | 56.3 | 57.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 0 | 45.1 | 56.3 | 57.6 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |

TOTAL NUMBER OF OBSERVATIONS 634

CEILING VERSUS VISIBILITY

77-85

21.5-2302

TOTAL NUMBER OF OBSERVATIONS 107

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

CEILING VERSUS VISIBILITY

1-2-83

443

* S.B. '77 S.A. '76 M.I.S.

~~OR HUNDREDS OF METERS)~~

| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | | | |
|-----|-------|-------|-------|
| 1.0 | 39.8 | 40.2 | 40.6 | 41.0 | 41.4 | 41.8 | 42.2 | 42.6 | 43.0 | 43.4 | 43.8 | 44.2 | 44.6 | 45.0 | 45.4 | 45.8 | 46.2 | 46.6 | 47.0 | 47.4 | 47.8 | 48.2 | 48.6 | 49.0 | 49.4 | 49.8 | 50.2 | 50.6 | 51.0 | 51.4 | 51.8 | 52.2 | 52.6 | 53.0 | 53.4 | 53.8 | 54.2 | 54.6 | 55.0 | 55.4 | 55.8 | 56.2 | 56.6 | 57.0 | 57.4 | 57.8 | 58.2 | 58.6 | 59.0 | 59.4 | 59.8 | 60.2 | 60.6 | 61.0 | 61.4 | 61.8 | 62.2 | 62.6 | 63.0 | 63.4 | 63.8 | 64.2 | 64.6 | 65.0 | 65.4 | 65.8 | 66.2 | 66.6 | 67.0 | 67.4 | 67.8 | 68.2 | 68.6 | 69.0 | 69.4 | 69.8 | 70.2 | 70.6 | 71.0 | 71.4 | 71.8 | 72.2 | 72.6 | 73.0 | 73.4 | 73.8 | 74.2 | 74.6 | 75.0 | 75.4 | 75.8 | 76.2 | 76.6 | 77.0 | 77.4 | 77.8 | 78.2 | 78.6 | 79.0 | 79.4 | 79.8 | 80.2 | 80.6 | 81.0 | 81.4 | 81.8 | 82.2 | 82.6 | 83.0 | 83.4 | 83.8 | 84.2 | 84.6 | 85.0 | 85.4 | 85.8 | 86.2 | 86.6 | 87.0 | 87.4 | 87.8 | 88.2 | 88.6 | 89.0 | 89.4 | 89.8 | 90.2 | 90.6 | 91.0 | 91.4 | 91.8 | 92.2 | 92.6 | 93.0 | 93.4 | 93.8 | 94.2 | 94.6 | 95.0 | 95.4 | 95.8 | 96.2 | 96.6 | 97.0 | 97.4 | 97.8 | 98.2 | 98.6 | 99.0 | 99.4 | 99.8 | 100.0 |
| 1.1 | 39.9 | 40.3 | 40.7 | 41.1 | 41.5 | 41.9 | 42.3 | 42.7 | 43.1 | 43.5 | 43.9 | 44.3 | 44.7 | 45.1 | 45.5 | 45.9 | 46.3 | 46.7 | 47.1 | 47.5 | 47.9 | 48.3 | 48.7 | 49.1 | 49.5 | 49.9 | 50.3 | 50.7 | 51.1 | 51.5 | 51.9 | 52.3 | 52.7 | 53.1 | 53.5 | 53.9 | 54.3 | 54.7 | 55.1 | 55.5 | 55.9 | 56.3 | 56.7 | 57.1 | 57.5 | 57.9 | 58.3 | 58.7 | 59.1 | 59.5 | 59.9 | 60.3 | 60.7 | 61.1 | 61.5 | 61.9 | 62.3 | 62.7 | 63.1 | 63.5 | 63.9 | 64.3 | 64.7 | 65.1 | 65.5 | 65.9 | 66.3 | 66.7 | 67.1 | 67.5 | 67.9 | 68.3 | 68.7 | 69.1 | 69.5 | 69.9 | 70.3 | 70.7 | 71.1 | 71.5 | 71.9 | 72.3 | 72.7 | 73.1 | 73.5 | 73.9 | 74.3 | 74.7 | 75.1 | 75.5 | 75.9 | 76.3 | 76.7 | 77.1 | 77.5 | 77.9 | 78.3 | 78.7 | 79.1 | 79.5 | 79.9 | 80.3 | 80.7 | 81.1 | 81.5 | 81.9 | 82.3 | 82.7 | 83.1 | 83.5 | 83.9 | 84.3 | 84.7 | 85.1 | 85.5 | 85.9 | 86.3 | 86.7 | 87.1 | 87.5 | 87.9 | 88.3 | 88.7 | 89.1 | 89.5 | 89.9 | 90.3 | 90.7 | 91.1 | 91.5 | 91.9 | 92.3 | 92.7 | 93.1 | 93.5 | 93.9 | 94.3 | 94.7 | 95.1 | 95.5 | 95.9 | 96.3 | 96.7 | 97.1 | 97.5 | 97.9 | 98.3 | 98.7 | 99.1 | 99.5 | 99.9 | 100.0 |
| 1.2 | 40.0 | 40.4 | 40.8 | 41.2 | 41.6 | 42.0 | 42.4 | 42.8 | 43.2 | 43.6 | 44.0 | 44.4 | 44.8 | 45.2 | 45.6 | 46.0 | 46.4 | 46.8 | 47.2 | 47.6 | 48.0 | 48.4 | 48.8 | 49.2 | 49.6 | 50.0 | 50.4 | 50.8 | 51.2 | 51.6 | 52.0 | 52.4 | 52.8 | 53.2 | 53.6 | 54.0 | 54.4 | 54.8 | 55.2 | 55.6 | 56.0 | 56.4 | 56.8 | 57.2 | 57.6 | 58.0 | 58.4 | 58.8 | 59.2 | 59.6 | 60.0 | 60.4 | 60.8 | 61.2 | 61.6 | 62.0 | 62.4 | 62.8 | 63.2 | 63.6 | 64.0 | 64.4 | 64.8 | 65.2 | 65.6 | 66.0 | 66.4 | 66.8 | 67.2 | 67.6 | 68.0 | 68.4 | 68.8 | 69.2 | 69.6 | 70.0 | 70.4 | 70.8 | 71.2 | 71.6 | 72.0 | 72.4 | 72.8 | 73.2 | 73.6 | 74.0 | 74.4 | 74.8 | 75.2 | 75.6 | 76.0 | 76.4 | 76.8 | 77.2 | 77.6 | 78.0 | 78.4 | 78.8 | 79.2 | 79.6 | 80.0 | 80.4 | 80.8 | 81.2 | 81.6 | 82.0 | 82.4 | 82.8 | 83.2 | 83.6 | 84.0 | 84.4 | 84.8 | 85.2 | 85.6 | 86.0 | 86.4 | 86.8 | 87.2 | 87.6 | 88.0 | 88.4 | 88.8 | 89.2 | 89.6 | 90.0 | 90.4 | 90.8 | 91.2 | 91.6 | 92.0 | 92.4 | 92.8 | 93.2 | 93.6 | 94.0 | 94.4 | 94.8 | 95.2 | 95.6 | 96.0 | 96.4 | 96.8 | 97.2 | 97.6 | 98.0 | 98.4 | 98.8 | 99.2 | 99.6 | 100.0 | |
| 1.3 | 40.1 | 40.5 | 40.9 | 41.3 | 41.7 | 42.1 | 42.5 | 42.9 | 43.3 | 43.7 | 44.1 | 44.5 | 44.9 | 45.3 | 45.7 | 46.1 | 46.5 | 46.9 | 47.3 | 47.7 | 48.1 | 48.5 | 48.9 | 49.3 | 49.7 | 50.1 | 50.5 | 50.9 | 51.3 | 51.7 | 52.1 | 52.5 | 52.9 | 53.3 | 53.7 | 54.1 | 54.5 | 54.9 | 55.3 | 55.7 | 56.1 | 56.5 | 56.9 | 57.3 | 57.7 | 58.1 | 58.5 | 58.9 | 59.3 | 59.7 | 60.1 | 60.5 | 60.9 | 61.3 | 61.7 | 62.1 | 62.5 | 62.9 | 63.3 | 63.7 | 64.1 | 64.5 | 64.9 | 65.3 | 65.7 | 66.1 | 66.5 | 66.9 | 67.3 | 67.7 | 68.1 | 68.5 | 68.9 | 69.3 | 69.7 | 70.1 | 70.5 | 70.9 | 71.3 | 71.7 | 72.1 | 72.5 | 72.9 | 73.3 | 73.7 | 74.1 | 74.5 | 74.9 | 75.3 | 75.7 | 76.1 | 76.5 | 76.9 | 77.3 | 77.7 | 78.1 | 78.5 | 78.9 | 79.3 | 79.7 | 80.1 | 80.5 | 80.9 | 81.3 | 81.7 | 82.1 | 82.5 | 82.9 | 83.3 | 83.7 | 84.1 | 84.5 | 84.9 | 85.3 | 85.7 | 86.1 | 86.5 | 86.9 | 87.3 | 87.7 | 88.1 | 88.5 | 88.9 | 89.3 | 89.7 | 90.1 | 90.5 | 90.9 | 91.3 | 91.7 | 92.1 | 92.5 | 92.9 | 93.3 | 93.7 | 94.1 | 94.5 | 94.9 | 95.3 | 95.7 | 96.1 | 96.5 | 96.9 | 97.3 | 97.7 | 98.1 | 98.5 | 98.9 | 99.3 | 99.7 | 100.0 | |
| 1.4 | 40.2 | 40.6 | 41.0 | 41.4 | 41.8 | 42.2 | 42.6 | 43.0 | 43.4 | 43.8 | 44.2 | 44.6 | 45.0 | 45.4 | 45.8 | 46.2 | 46.6 | 47.0 | 47.4 | 47.8 | 48.2 | 48.6 | 49.0 | 49.4 | 49.8 | 50.2 | 50.6 | 51.0 | 51.4 | 51.8 | 52.2 | 52.6 | 53.0 | 53.4 | 53.8 | 54.2 | 54.6 | 55.0 | 55.4 | 55.8 | 56.2 | 56.6 | 57.0 | 57.4 | 57.8 | 58.2 | 58.6 | 59.0 | 59.4 | 59.8 | 60.2 | 60.6 | 61.0 | 61.4 | 61.8 | 62.2 | 62.6 | 63.0 | 63.4 | 63.8 | 64.2 | 64.6 | 65.0 | 65.4 | 65.8 | 66.2 | 66.6 | 67.0 | 67.4 | 67.8 | 68.2 | 68.6 | 69.0 | 69.4 | 69.8 | 70.2 | 70.6 | 71.0 | 71.4 | 71.8 | 72.2 | 72.6 | 73.0 | 73.4 | 73.8 | 74.2 | 74.6 | 75.0 | 75.4 | 75.8 | 76.2 | 76.6 | 77.0 | 77.4 | 77.8 | 78.2 | 78.6 | 79.0 | 79.4 | 79.8 | 80.2 | 80.6 | 81.0 | 81.4 | 81.8 | 82.2 | 82.6 | 83.0 | 83.4 | 83.8 | 84.2 | 84.6 | 85.0 | 85.4 | 85.8 | 86.2 | 86.6 | 87.0 | 87.4 | 87.8 | 88.2 | 88.6 | 89.0 | 89.4 | 89.8 | 90.2 | 90.6 | 91.0 | 91.4 | 91.8 | 92.2 | 92.6 | 93.0 | 93.4 | 93.8 | 94.2 | 94.6 | 95.0 | 95.4 | 95.8 | 96.2 | 96.6 | 97.0 | 97.4 | 97.8 | 98.2 | 98.6 | 99.0 | 99.4 | 99.8 | 100.0 | |
| 1.5 | 40.3 | 40.7 | 41.1 | 41.5 | 41.9 | 42.3 | 42.7 | 43.1 | 43.5 | 43.9 | 44.3 | 44.7 | 45.1 | 45.5 | 45.9 | 46.3 | 46.7 | 47.1 | 47.5 | 47.9 | 48.3 | 48.7 | 49.1 | 49.5 | 49.9 | 50.3 | 50.7 | 51.1 | 51.5 | 51.9 | 52.3 | 52.7 | 53.1 | 53.5 | 53.9 | 54.3 | 54.7 | 55.1 | 55.5 | 55.9 | 56.3 | 56.7 | 57.1 | 57.5 | 57.9 | 58.3 | 58.7 | 59.1 | 59.5 | 59.9 | 60.3 | 60.7 | 61.1 | 61.5 | 61.9 | 62.3 | 62.7 | 63.1 | 63.5 | 63.9 | 64.3 | 64.7 | 65.1 | 65.5 | 65.9 | 66.3 | 66.7 | 67.1 | 67.5 | 67.9 | 68.3 | 68.7 | 69.1 | 69.5 | 69.9 | 70.3 | 70.7 | 71.1 | 71.5 | 71.9 | 72.3 | 72.7 | 73.1 | 73.5 | 73.9 | 74.3 | 74.7 | 75.1 | 75.5 | 75.9 | 76.3 | 76.7 | 77.1 | 77.5 | 77.9 | 78.3 | 78.7 | 79.1 | 79.5 | 79.9 | 80.3 | 80.7 | 81.1 | 81.5 | 81.9 | 82.3 | 82.7 | 83.1 | 83.5 | 83.9 | 84.3 | 84.7 | 85.1 | 85.5 | 85.9 | 86.3 | 86.7 | 87.1 | 87.5 | 87.9 | 88.3 | 88.7 | 89.1 | 89.5 | 89.9 | 90.3 | 90.7 | 91.1 | 91.5 | 91.9 | 92.3 | 92.7 | 93.1 | 93.5 | 93.9 | 94.3 | 94.7 | 95.1 | 95.5 | 95.9 | 96.3 | 96.7 | 97.1 | 97.5 | 97.9 | 98.3 | 98.7 | 99.1 | 99.5 | 99.9 | 100.0 | |
| 1.6 | 40.4 | 40.8 | 41.2 | 41.6 | 42.0 | 42.4 | 42.8 | 43.2 | 43.6 | 44.0 | 44.4 | 44.8 | 45.2 | 45.6 | 46.0 | 46.4 | 46.8 | 47.2 | 47.6 | 48.0 | 48.4 | 48.8 | 49.2 | 49.6 | 50.0 | 50.4 | 50.8 | 51.2 | 51.6 | 52.0 | 52.4 | 52.8 | 53.2 | 53.6 | 54.0 | 54.4 | 54.8 | 55.2 | 55.6 | 56.0 | 56.4 | 56.8 | 57.2 | 57.6 | 58.0 | 58.4 | 58.8 | 59.2 | 59.6 | 60.0 | 60.4 | 60.8 | 61.2 | 61.6 | 62.0 | 62.4 | 62.8 | 63.2 | 63.6 | 64.0 | 64.4 | 64.8 | 65.2 | 65.6 | 66.0 | 66.4 | 66.8 | 67.2 | 67.6 | 68.0 | 68.4 | 68.8 | 69.2 | 69.6 | 70.0 | 70.4 | 70.8 | 71.2 | 71.6 | 72.0 | 72.4 | 72.8 | 73.2 | 73.6 | 74.0 | 74.4 | 74.8 | 75.2 | 75.6 | 76.0 | 76.4 | 76.8 | 77.2 | 77.6 | 78.0 | 78.4 | 78.8 | 79.2 | 79.6 | 80.0 | 80.4 | 80.8 | 81.2 | 81.6 | 82.0 | 82.4 | 82.8 | 83.2 | 83.6 | 84.0 | 84.4 | 84.8 | 85.2 | 85.6 | 86.0 | 86.4 | 86.8 | 87.2 | 87.6 | 88.0 | 88.4 | 88.8 | 89.2 | 89.6 | 90.0 | 90.4 | 90.8 | 91.2 | 91.6 | 92.0 | 92.4 | 92.8 | 93.2 | 93.6 | 94.0 | 94.4 | 94.8 | 95.2 | 95.6 | 96.0 | 96.4 | 96.8 | 97.2 | 97.6 | 98.0 | 98.4 | 98.8 | 99.2 | 99.6 | 100.0 | | |
| 1.7 | 40.5 | 40.9 | 41.3 | 41.7 | 42.1 | 42.5 | 42.9 | 43.3 | 43.7 | 44.1 | 44.5 | 44.9 | 45.3 | 45.7 | 46.1 | 46.5 | 46.9 | 47.3 | 47.7 | 48.1 | 48.5 | 48.9 | 49.3 | 49.7 | 50.1 | 50.5 | 50.9 | 51.3 | 51.7 | 52.1 | 52.5 | 52.9 | 53.3 | 53.7 | 54.1 | 54.5 | 54.9 | 55.3 | 55.7 | 56.1 | 56.5 | 56.9 | 57.3 | 57.7 | 58.1 | 58.5 | 58.9 | 59.3 | 59.7 | 60.1 | 60.5 | 60.9 | 61.3 | 61.7 | 62.1 | 62.5 | 62.9 | 63.3 | 63.7 | 64.1 | 64.5 | 64.9 | 65.3 | 65.7 | 66.1 | 66.5 | 66.9 | 67.3 | 67.7 | 68.1 | 68.5 | 68.9 | 69.3 | 69.7 | 70.1 | 70.5 | 70.9 | 71.3 | 71.7 | 72.1 | 72.5 | 72.9 | 73.3 | 73.7 | 74.1 | 74.5 | 74.9 | 75.3 | 75.7 | 76.1 | 76.5 | 76.9 | 77.3 | 77.7 | 78.1 | 78.5 | 78.9 | 79.3 | 79.7 | 80.1 | 80.5 | 80.9 | 81.3 | 81.7 | 82.1 | 82.5 | 82.9 | 83.3 | 83.7 | 84.1 | 84.5 | 84.9 | 85.3 | 85.7 | 86.1 | 86.5 | 86.9 | 87.3 | 87.7 | 88.1 | 88.5 | 88.9 | 89.3 | 89.7 | 90.1 | 90.5 | 90.9 | 91.3 | 91.7 | 92.1 | 92.5 | 92.9 | 93.3 | 93.7 | 94.1 | 94.5 | 94.9 | 95.3 | 95.7 | 96.1 | 96.5 | 96.9 | 97.3 | 97.7 | 98.1 | 98.5 | 98.9 | 99.3 | 99.7 | 100.0 | | |
| 1.8 | 40.6 | 41.0 | 41.4 | 41.8 | 42.2 | 42.6 | 43.0 | 43.4 | 43.8 | 44.2 | 44.6 | 45.0 | 45.4 | 45.8 | 46.2 | 46.6 | 47.0 | 47.4 | 47.8 | 48.2 | 48.6 | 49.0 | 49.4 | 49.8 | 50.2 | 50.6 | 51.0 | 51.4 | 51.8 | 52.2 | 52.6 | 53.0 | 53.4 | 53.8 | 54.2 | 54.6 | 55.0 | 55.4 | 55.8 | 56.2 | 56.6 | 57.0 | 57.4 | 57.8 | 58.2 | 58.6 | 59.0 | 59.4 | 59.8 | 60.2 | 60.6 | 61.0 | 61.4 | 61.8 | 62.2 | 62.6 | 63.0 | 63.4 | 63.8 | 64.2 | 64.6 | 65.0 | 65.4 | 65.8 | 66.2 | 66.6 | 67.0 | 67.4 | 67.8 | 68.2 | 68.6 | 69.0 | 69.4 | 69.8 | 70.2 | 70.6 | 71.0 | 71.4 | 71.8 | 72.2 | 72.6 | 73.0 | 73.4 | 73.8 | 74.2 | 74.6 | 75.0 | 75.4 | 75.8 | 76.2 | 76.6 | | | |

TOTAL NUMBER OF OBSERVATIONS 333

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

145
STATION
SCNWAESTICH HALL AAF DL

71-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

232-1100

| | | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | | OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|-----------------|-------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------------|----|---|---|---|---|---|---|---|---|---|---|--|--|--|--|
| CEILING
FEET | | 210 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | | | | |
| 10000 | 10000 | 23.7 | 26.5 | 28.9 | 37.8 | 4.4 | 40.7 | 42.6 | 43.6 | 44.2 | 44.4 | 44.7 | 44.7 | 44.9 | 45.7 | 45.4 | | | | | | | | | | | | | | | | | |
| 9000 | 9000 | 23.4 | 33.0 | 33.5 | 42.6 | 45.8 | 46.5 | 49.7 | 50.2 | 50.8 | 51.4 | 51.6 | 51.9 | 51.9 | 52.1 | 52.2 | 52.6 | | | | | | | | | | | | | | | | |
| 8000 | 8000 | 27.4 | 33.2 | 33.7 | 43.1 | 46.3 | 47.1 | 49.7 | 50.8 | 51.4 | 51.6 | 51.9 | 51.9 | 51.9 | 52.1 | 52.2 | 52.6 | | | | | | | | | | | | | | | | |
| 7000 | 7000 | 27.6 | 33.3 | 34.1 | 43.6 | 46.8 | 47.6 | 51.2 | 51.3 | 51.9 | 52.1 | 52.4 | 52.4 | 52.4 | 52.6 | 52.7 | 53.0 | | | | | | | | | | | | | | | | |
| 6000 | 6000 | 27.1 | 33.8 | 34.5 | 44.4 | 47.8 | 48.6 | 51.1 | 52.4 | 53.1 | 53.2 | 53.5 | 53.5 | 53.5 | 53.7 | 53.8 | 54.2 | | | | | | | | | | | | | | | | |
| 5000 | 5000 | 30.0 | 35.3 | 36.2 | 46.8 | 50.2 | 51.0 | 53.5 | 55.1 | 55.6 | 55.8 | 56.1 | 56.1 | 56.1 | 56.3 | 56.4 | 56.7 | | | | | | | | | | | | | | | | |
| 4000 | 4000 | 27.6 | 36.1 | 37.0 | 47.6 | 51.0 | 51.8 | 54.3 | 55.8 | 56.4 | 56.6 | 56.9 | 56.9 | 56.9 | 57.1 | 57.2 | 57.5 | | | | | | | | | | | | | | | | |
| 3000 | 3000 | 3.2 | 41.1 | 42.7 | 53.2 | 57.2 | 58.0 | 61.1 | 62.5 | 63.1 | 63.3 | 63.6 | 63.6 | 63.6 | 63.8 | 63.9 | 64.3 | | | | | | | | | | | | | | | | |
| 2000 | 2000 | 34.1 | 42.5 | 43.4 | 54.8 | 58.8 | 59.8 | 62.8 | 64.4 | 65.2 | 65.4 | 65.7 | 65.7 | 65.7 | 65.9 | 66.2 | 66.3 | | | | | | | | | | | | | | | | |
| 1000 | 1000 | 34.1 | 42.6 | 43.5 | 55.1 | 59.1 | 60.1 | 63.3 | 64.9 | 65.7 | 65.9 | 66.2 | 66.2 | 66.2 | 66.3 | 66.5 | 66.8 | | | | | | | | | | | | | | | | |
| 0 | 0 | 36.1 | 44.7 | 45.7 | 57.2 | 61.7 | 62.7 | 65.9 | 67.5 | 68.4 | 68.6 | 68.9 | 68.9 | 68.9 | 69.1 | 69.2 | 69.6 | | | | | | | | | | | | | | | | |
| 9000 | 9000 | 3.1 | 46.2 | 47.3 | 51.1 | 63.6 | 64.6 | 68.1 | 69.7 | 70.7 | 70.8 | 71.2 | 71.2 | 71.2 | 71.3 | 71.5 | 71.8 | | | | | | | | | | | | | | | | |
| 8000 | 8000 | 3.4 | 47.9 | 49.2 | 61.4 | 66.2 | 67.3 | 71.5 | 73.2 | 74.2 | 74.4 | 74.7 | 74.7 | 74.7 | 74.8 | 75.2 | 75.5 | | | | | | | | | | | | | | | | |
| 7000 | 7000 | 1.3 | 5.8 | 52.2 | 64.4 | 69.2 | 70.4 | 74.7 | 76.4 | 77.4 | 77.6 | 77.9 | 77.9 | 77.9 | 78.0 | 78.4 | 78.7 | | | | | | | | | | | | | | | | |
| 6000 | 6000 | 4.4 | 55.0 | 56.4 | 69.1 | 74.2 | 75.5 | 81.1 | 82.2 | 83.2 | 83.3 | 83.7 | 83.7 | 83.7 | 83.8 | 84.1 | 84.5 | | | | | | | | | | | | | | | | |
| 5000 | 5000 | 4.0 | 56.3 | 57.7 | 70.7 | 75.0 | 77.2 | 82.1 | 84.1 | 85.1 | 85.3 | 85.6 | 85.6 | 85.6 | 85.7 | 86.1 | 86.4 | | | | | | | | | | | | | | | | |
| 4000 | 4000 | 45.1 | 57.1 | 58.5 | 71.8 | 77.2 | 78.5 | 83.3 | 85.4 | 86.4 | 86.5 | 86.9 | 86.9 | 86.9 | 87.0 | 87.3 | 87.7 | | | | | | | | | | | | | | | | |
| 3000 | 3000 | 45.1 | 57.1 | 58.5 | 71.8 | 77.2 | 78.5 | 83.3 | 85.4 | 86.4 | 86.5 | 86.9 | 86.9 | 86.9 | 87.0 | 87.3 | 87.7 | | | | | | | | | | | | | | | | |
| 2000 | 2000 | 45.2 | 58.1 | 59.5 | 73.4 | 79.2 | 81.4 | 85.4 | 87.5 | 88.6 | 88.8 | 89.1 | 89.1 | 89.1 | 89.3 | 89.6 | 89.9 | | | | | | | | | | | | | | | | |
| 1000 | 1000 | 45.3 | 58.3 | 59.9 | 74.7 | 80.0 | 81.3 | 86.2 | 88.3 | 89.4 | 89.7 | 90.1 | 90.1 | 90.1 | 90.2 | 90.5 | 90.9 | | | | | | | | | | | | | | | | |
| 0 | 0 | 46.3 | 58.5 | 60.4 | 74.8 | 81.1 | 82.4 | 87.7 | 89.9 | 91.3 | 91.8 | 92.1 | 92.1 | 92.1 | 92.3 | 92.6 | 92.9 | | | | | | | | | | | | | | | | |
| 9000 | 9000 | 4.1 | 58.5 | 60.4 | 74.8 | 81.1 | 82.4 | 88.0 | 90.5 | 92.0 | 92.5 | 92.8 | 92.8 | 92.8 | 92.9 | 93.3 | 93.6 | | | | | | | | | | | | | | | | |
| 8000 | 8000 | 45.3 | 58.5 | 6.4 | 75.2 | 81.4 | 82.7 | 88.5 | 91.0 | 92.5 | 93.1 | 93.4 | 93.4 | 93.4 | 93.8 | 94.1 | 94.4 | | | | | | | | | | | | | | | | |
| 7000 | 7000 | 4.3 | 58.5 | 6.4 | 75.8 | 82.4 | 83.7 | 89.6 | 92.3 | 93.8 | 94.4 | 94.7 | 94.7 | 94.7 | 95.0 | 95.4 | 95.7 | | | | | | | | | | | | | | | | |
| 6000 | 6000 | 4.3 | 58.5 | 6.4 | 75.8 | 82.7 | 84.1 | 90.2 | 92.9 | 94.6 | 95.5 | 95.8 | 95.8 | 95.8 | 96.2 | 96.5 | 96.8 | | | | | | | | | | | | | | | | |
| 5000 | 5000 | 4.3 | 58.5 | 60.4 | 75.8 | 82.9 | 84.3 | 9.4 | 93.1 | 94.7 | 95.7 | 96.7 | 96.0 | 96.0 | 96.3 | 96.6 | 97.0 | | | | | | | | | | | | | | | | |
| 4000 | 4000 | 4.3 | 58.5 | 60.4 | 76.0 | 83.0 | 84.5 | 90.7 | 93.6 | 95.2 | 96.3 | 96.8 | 97.0 | 97.0 | 97.3 | 97.6 | 97.9 | | | | | | | | | | | | | | | | |
| 3000 | 3000 | 45.3 | 58.5 | 6.4 | 76.0 | 83.0 | 84.5 | 90.7 | 93.6 | 95.2 | 96.3 | 96.8 | 97.0 | 97.0 | 97.3 | 97.6 | 98.1 | | | | | | | | | | | | | | | | |
| 2000 | 2000 | 45.3 | 58.5 | 6.4 | 76.0 | 83.0 | 84.5 | 90.7 | 93.6 | 95.2 | 96.3 | 96.8 | 97.3 | 97.3 | 97.6 | 98.1 | 98.6 | | | | | | | | | | | | | | | | |
| 1000 | 1000 | 45.3 | 58.5 | 6.4 | 76.0 | 83.0 | 84.5 | 90.7 | 93.6 | 95.2 | 96.3 | 96.8 | 97.3 | 97.3 | 97.6 | 98.1 | 98.6 | | | | | | | | | | | | | | | | |
| 0 | 0 | 45.3 | 58.5 | 60.4 | 76.0 | 83.0 | 84.5 | 90.7 | 93.6 | 95.2 | 96.3 | 96.8 | 97.3 | 97.3 | 97.6 | 98.1 | 98.6 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 628

CLIMATE CLIMATOLOGY SPA CH
ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

1 457 100H AEBISCH HALL AAF CL

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-2-1962

| | | VISIBILITY STAT IN MILES
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | | | | | |
|----|-----|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | |
| 1 | 20K | 35.0 | 42.3 | 43.4 | 47.1 | 47.6 | 47.6 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | |
| 2 | 20K | 40.7 | 44.0 | 49.7 | 53.8 | 54.5 | 54.5 | 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 | |
| 3 | 20K | 42.5 | 44.5 | 5.2 | 54.3 | 55.0 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | |
| 4 | 20K | 42.7 | 5.0 | 57.6 | 54.8 | 55.4 | 55.6 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | |
| 5 | 20K | 42.7 | 51.0 | 51.5 | 55.8 | 56.4 | 56.6 | 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 | |
| 6 | 20K | 45.1 | 53.2 | 53.4 | 58.3 | 59.0 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | |
| 7 | 20K | 4.5 | 51.6 | 55.4 | 60.1 | 60.7 | 60.9 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | |
| 8 | 20K | .6 | 60.1 | 61.1 | 66.3 | 67.0 | 67.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | |
| 9 | 20K | 2.7 | 62.7 | 63.6 | 69.7 | 7.4 | 70.5 | 71.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | |
| 10 | 20K | 53.1 | 63.9 | 64.9 | 71.2 | 71.8 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | |
| 11 | 20K | 5.4 | 67.0 | 67.7 | 74.4 | 75.0 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | |
| 12 | 20K | 5.5 | 68.8 | 69.7 | 76.4 | 77.1 | 77.2 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | |
| 13 | 20K | 51.8 | 71.3 | 72.3 | 79.5 | 80.4 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | |
| 14 | 20K | 2.2 | 74.4 | 75.3 | 83.2 | 84.1 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | |
| 15 | 20K | 6.7 | 79.6 | 81.1 | 89.6 | 9.7 | 90.9 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | |
| 16 | 20K | 6.5 | 80.6 | 82.1 | 90.5 | 91.7 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | |
| 17 | 20K | 6.1 | 81.3 | 82.7 | 91.3 | 92.5 | 92.6 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | |
| 18 | 20K | 6.3 | 81.7 | 83.2 | 91.8 | 92.9 | 93.1 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | |
| 19 | 20K | 6.7 | 82.5 | 84.1 | 93.4 | 94.9 | 95.1 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | |
| 20 | 20K | 6.1 | 83.5 | 84.9 | 94.6 | 96.7 | 96.2 | 96.8 | 97.0 | 97.1 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | |
| 21 | 20K | 6.1 | 83.5 | 84.9 | 95.2 | 96.8 | 97.0 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | |
| 22 | 20K | 5.1 | 83.7 | 84.9 | 95.4 | 97.0 | 97.1 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | |
| 23 | 20K | 6.1 | 83.5 | 84.9 | 95.7 | 97.3 | 97.4 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | |
| 24 | 20K | 6.1 | 83.5 | 84.9 | 95.8 | 97.4 | 97.6 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | |
| 25 | 20K | 6.1 | 83.5 | 84.9 | 96.3 | 97.9 | 98.1 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| 26 | 20K | 6.1 | 83.5 | 84.9 | 96.6 | 98.4 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| 27 | 20K | 6.1 | 83.5 | 84.9 | 96.6 | 98.4 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| 28 | 20K | 6.1 | 83.5 | 84.9 | 96.6 | 98.4 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| 29 | 20K | 6.1 | 83.5 | 84.9 | 96.6 | 98.4 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| 30 | 20K | 6.1 | 83.5 | 84.9 | 96.6 | 98.4 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |

TOTAL NUMBER OF OBSERVATIONS 624

CEILING VERSUS VISIBILITY

22-322

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$$\frac{15}{100} \times 1200 = 1720$$
TOTAL NUMBER OF OBSERVATIONS 57A

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

CEILING CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME: WRIGHT PATTEN HALL AAF OH

YEAR: 70-82

DATE: 10-10-82

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

10-10-82

| CEILING
(FEET) | VISIBILITY STATISTICS
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|--|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 |
| 100 | 3.7 | 40.6 | 57.4 | 54.0 | 54.3 | 54.3 | 54.5 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| 200 | 1.1 | 51.0 | 55.5 | 57.9 | 60.5 | 60.5 | 60.9 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| 300 | 1.3 | 51.2 | 55.7 | 60.1 | 60.7 | 60.7 | 61.1 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| 400 | 1.3 | 51.2 | 55.7 | 60.1 | 60.7 | 60.7 | 61.1 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| 500 | 1.3 | 52.4 | 56.9 | 61.3 | 61.9 | 61.9 | 62.3 | 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 | 62.8 | 62.8 | 62.8 |
| 600 | 42.1 | 55.1 | 59.7 | 64.4 | 65.2 | 65.2 | 65.6 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| 700 | 44.7 | 57.7 | 62.3 | 67.4 | 68.2 | 68.2 | 68.6 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| 800 | 4.5 | 58.7 | 63.4 | 68.4 | 69.2 | 69.2 | 69.8 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 900 | 4.6 | 62.8 | 67.4 | 72.7 | 73.7 | 73.7 | 74.3 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 1000 | 1.6 | 65.1 | 69.6 | 74.9 | 75.1 | 75.1 | 75.7 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 1100 | 2.2 | 65.6 | 70.2 | 75.5 | 75.7 | 75.7 | 76.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 1200 | 3.6 | 68.0 | 72.7 | 75.1 | 79.6 | 79.6 | 80.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| 1300 | 4.5 | 61.4 | 74.1 | 80.0 | 81.4 | 81.4 | 82.4 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| 1400 | 56.1 | 72.3 | 77.5 | 83.8 | 85.2 | 85.2 | 86.7 | 86.8 | 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 | 87.0 |
| 1500 | 57.9 | 74.5 | 81.1 | 86.2 | 87.7 | 87.7 | 88.7 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 1600 | 58.5 | 75.5 | 81.1 | 87.9 | 89.5 | 89.5 | 90.7 | 91.5 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| 1700 | 7.7 | 77.1 | 82.6 | 89.5 | 91.1 | 91.1 | 92.5 | 93.3 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| 1800 | 1.1 | 77.7 | 83.2 | 90.1 | 91.7 | 91.7 | 93.1 | 94.5 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 1900 | 1.5 | 78.1 | 83.6 | 91.5 | 92.1 | 92.1 | 93.5 | 94.9 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| 2000 | 1.5 | 78.3 | 83.8 | 91.1 | 92.7 | 92.7 | 94.3 | 96.2 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 2100 | 1.5 | 78.7 | 84.2 | 91.7 | 93.3 | 93.3 | 95.1 | 97.0 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 2200 | 1.5 | 78.7 | 84.2 | 91.7 | 93.3 | 93.3 | 95.1 | 97.8 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 2300 | 1.5 | 78.7 | 84.2 | 92.1 | 93.7 | 93.7 | 95.5 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 2400 | 1.5 | 78.7 | 84.2 | 92.7 | 94.3 | 94.3 | 96.2 | 98.8 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 1.5 | 78.7 | 84.2 | 92.7 | 94.3 | 94.3 | 96.2 | 98.8 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2600 | 1.5 | 78.7 | 84.2 | 92.7 | 94.3 | 94.3 | 96.2 | 98.8 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2700 | 1.5 | 78.7 | 84.2 | 92.7 | 94.3 | 94.3 | 96.2 | 98.8 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2800 | 1.5 | 78.7 | 84.2 | 92.7 | 94.3 | 94.3 | 96.2 | 98.8 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2900 | 1.5 | 78.7 | 84.2 | 92.7 | 94.3 | 94.3 | 96.2 | 98.8 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 1.5 | 78.7 | 84.2 | 92.7 | 94.3 | 94.3 | 96.2 | 98.8 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 494

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

CEILING VERSUS VISIBILITY

7-2

5

-1-2-2300

~~2 INDOES - F METENS~~

[illegible]TOTAL NUMBER OF OBSERVATIONS 63

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

11 AL CLIMATOLOGY (7-6) CH
ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 44 000 WABEICH HALL AAF CL

73-87

CLF

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

| | | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | | | | | | CEILING (HUNDREDS OF METERS) | |
|----|----|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|----|----|----|----|----|------------------------------|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| 1 | 1 | 36.7 | 39.1 | 42.6 | 43.5 | 43.7 | 44.3 | 45.6 | 45.9 | 46.0 | 46.2 | 46.3 | 46.3 | 46.5 | 46.7 | 47.5 | | | | | | | | |
| 2 | 2 | 41.7 | 43.5 | 45.7 | 49.7 | 51.1 | 51.6 | 52.5 | 52.9 | 53.1 | 53.3 | 53.5 | 53.5 | 53.6 | 53.7 | 54.2 | 55.1 | | | | | | | |
| 3 | 3 | 42.0 | 43.6 | 45.7 | 49.8 | 51.2 | 51.6 | 52.6 | 52.8 | 53.1 | 53.2 | 53.2 | 53.3 | 53.6 | 53.8 | 54.7 | | | | | | | | |
| 4 | 4 | 42.1 | 43.8 | 45.9 | 50.1 | 50.5 | 51.2 | 52.9 | 53.1 | 53.3 | 53.5 | 53.5 | 53.6 | 53.7 | 54.2 | 55.1 | | | | | | | | |
| 5 | 5 | 44.4 | 49.7 | 50.8 | 51.3 | 52.7 | 53.7 | 53.9 | 54.1 | 54.2 | 54.3 | 54.4 | 54.7 | 55.7 | 55.9 | | | | | | | | | |
| 6 | 6 | 44.7 | 45.7 | 51.1 | 52.7 | 52.8 | 54.3 | 55.3 | 55.6 | 55.7 | 55.9 | 56.0 | 56.1 | 56.4 | 56.7 | 57.6 | | | | | | | | |
| 7 | 7 | 46.4 | 49.3 | 54.1 | 55.3 | 55.8 | 57.4 | 58.6 | 58.9 | 59.1 | 59.2 | 59.3 | 59.4 | 59.7 | 60.7 | 61.0 | | | | | | | | |
| 8 | 8 | 47.6 | 49.5 | 55.4 | 56.6 | 57.1 | 58.9 | 60.0 | 60.3 | 60.5 | 60.6 | 60.7 | 60.8 | 61.1 | 61.4 | 62.4 | | | | | | | | |
| 9 | 9 | 52.3 | 54.4 | 60.7 | 62.2 | 62.0 | 64.7 | 66.1 | 66.3 | 66.4 | 66.6 | 66.7 | 66.8 | 67.1 | 67.5 | 68.5 | | | | | | | | |
| 10 | 10 | 54.4 | 56.1 | 63.1 | 64.6 | 65.2 | 67.1 | 68.4 | 68.7 | 68.9 | 69.1 | 69.2 | 69.3 | 69.6 | 70.2 | 71.1 | | | | | | | | |
| 11 | 11 | 54.7 | 57.1 | 63.7 | 65.2 | 65.8 | 67.8 | 69.1 | 69.4 | 69.7 | 69.9 | 70.0 | 70.0 | 70.4 | 70.8 | 71.9 | | | | | | | | |
| 12 | 12 | 57.3 | 59.4 | 66.3 | 68.1 | 68.6 | 70.7 | 72.0 | 72.4 | 72.6 | 72.8 | 72.9 | 73.3 | 73.7 | 74.5 | | | | | | | | | |
| 13 | 13 | 58.9 | 61.1 | 68.5 | 70.3 | 70.9 | 73.0 | 74.4 | 74.8 | 75.1 | 75.2 | 75.3 | 75.4 | 75.8 | 76.1 | 77.0 | | | | | | | | |
| 14 | 14 | 61.1 | 63.5 | 71.2 | 73.2 | 73.6 | 76.1 | 77.5 | 78.1 | 78.2 | 78.4 | 78.5 | 78.7 | 79.1 | 79.5 | 80.5 | | | | | | | | |
| 15 | 15 | 60.8 | 66.3 | 74.2 | 76.2 | 76.8 | 79.3 | 80.6 | 81.2 | 81.4 | 81.6 | 81.7 | 81.8 | 82.2 | 82.6 | 83.7 | | | | | | | | |
| 16 | 16 | 66.5 | 69.1 | 77.5 | 79.8 | 80.5 | 83.1 | 84.7 | 85.2 | 85.4 | 85.6 | 85.7 | 85.9 | 86.3 | 86.7 | 87.8 | | | | | | | | |
| 17 | 17 | 67.6 | 70.3 | 79.0 | 81.3 | 82.7 | 84.8 | 86.3 | 86.9 | 87.1 | 87.2 | 87.4 | 87.6 | 87.9 | 88.3 | 89.5 | | | | | | | | |
| 18 | 18 | 68.5 | 71.2 | 80.1 | 82.5 | 83.2 | 86.1 | 87.7 | 88.2 | 88.5 | 88.7 | 88.8 | 89.7 | 89.3 | 89.7 | 90.8 | | | | | | | | |
| 19 | 19 | 68.8 | 71.5 | 80.4 | 82.8 | 83.6 | 86.4 | 88.1 | 88.6 | 88.9 | 89.1 | 89.2 | 89.3 | 89.7 | 90.1 | 91.2 | | | | | | | | |
| 20 | 20 | 69.5 | 72.1 | 81.6 | 84.2 | 85.0 | 87.9 | 89.7 | 90.3 | 90.5 | 90.7 | 90.8 | 91.0 | 91.4 | 91.8 | 92.9 | | | | | | | | |
| 21 | 21 | 69.8 | 72.5 | 82.2 | 84.9 | 85.7 | 88.7 | 90.6 | 91.2 | 91.5 | 91.7 | 91.8 | 92.0 | 92.3 | 92.7 | 93.9 | | | | | | | | |
| 22 | 22 | 70.2 | 73.1 | 83.0 | 86.0 | 86.8 | 89.9 | 92.0 | 92.7 | 93.0 | 93.2 | 93.3 | 93.5 | 93.9 | 94.3 | 95.4 | | | | | | | | |
| 23 | 23 | 70.3 | 73.1 | 83.1 | 86.1 | 86.9 | 90.1 | 92.3 | 92.9 | 93.3 | 93.5 | 93.6 | 93.8 | 94.1 | 94.5 | 95.6 | | | | | | | | |
| 24 | 24 | 70.3 | 73.2 | 83.3 | 86.3 | 87.1 | 90.4 | 92.7 | 93.4 | 93.9 | 94.1 | 94.2 | 94.4 | 94.8 | 95.2 | 96.3 | | | | | | | | |
| 25 | 25 | 70.3 | 73.2 | 83.7 | 86.8 | 87.6 | 90.9 | 93.4 | 94.2 | 94.7 | 94.9 | 95.1 | 95.1 | 95.5 | 95.9 | 97.1 | | | | | | | | |
| 26 | 26 | 70.3 | 73.2 | 83.8 | 87.1 | 87.8 | 91.2 | 93.6 | 94.5 | 95.1 | 95.4 | 95.5 | 95.6 | 96.0 | 96.5 | 97.6 | | | | | | | | |
| 27 | 27 | 70.3 | 73.2 | 84.1 | 87.3 | 88.1 | 91.5 | 94.1 | 95.1 | 95.8 | 96.3 | 96.4 | 96.6 | 97.1 | 97.5 | 98.6 | | | | | | | | |
| 28 | 28 | 70.3 | 73.2 | 84.1 | 87.3 | 88.1 | 91.5 | 94.1 | 95.1 | 95.8 | 96.3 | 96.5 | 96.6 | 97.1 | 97.6 | 98.8 | | | | | | | | |
| 29 | 29 | 70.3 | 73.2 | 84.1 | 87.3 | 88.1 | 91.5 | 94.1 | 95.1 | 95.8 | 96.3 | 96.5 | 96.7 | 97.3 | 97.8 | 99.4 | | | | | | | | |
| 30 | 30 | 70.3 | 73.2 | 84.1 | 87.3 | 88.1 | 91.5 | 94.1 | 95.1 | 95.8 | 96.3 | 96.5 | 96.7 | 97.3 | 97.9 | 100.0 | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 2951

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

100-44200

1. *Relevance* – The relevance of the information is determined by the degree to which it is likely to influence the decision-making process.

22. ~~CONFIDENTIAL~~ - EMI 11251

| |
|-------|
| 12.4 | 12.9 | 13.2 | 13.4 | 13.6 | 13.8 | 14.0 | 14.2 | 14.4 | 14.6 | 14.8 | 15.0 | 15.2 | 15.4 | 15.6 | 15.8 | 16.0 | 16.2 | 16.4 | 16.6 | 16.8 | 17.0 | 17.2 | 17.4 | 17.6 | 17.8 | 18.0 | 18.2 | 18.4 | 18.6 | 18.8 | 19.0 | 19.2 | 19.4 | 19.6 | 19.8 | 20.0 | 20.2 | 20.4 | 20.6 | 20.8 | 21.0 | 21.2 | 21.4 | 21.6 | 21.8 | 22.0 | 22.2 | 22.4 | 22.6 | 22.8 | 23.0 | 23.2 | 23.4 | 23.6 | 23.8 | 24.0 | 24.2 | 24.4 | 24.6 | 24.8 | 25.0 | 25.2 | 25.4 | 25.6 | 25.8 | 26.0 | 26.2 | 26.4 | 26.6 | 26.8 | 27.0 | 27.2 | 27.4 | 27.6 | 27.8 | 28.0 | 28.2 | 28.4 | 28.6 | 28.8 | 29.0 | 29.2 | 29.4 | 29.6 | 29.8 | 30.0 | 30.2 | 30.4 | 30.6 | 30.8 | 31.0 | 31.2 | 31.4 | 31.6 | 31.8 | 32.0 | 32.2 | 32.4 | 32.6 | 32.8 | 33.0 | 33.2 | 33.4 | 33.6 | 33.8 | 34.0 | 34.2 | 34.4 | 34.6 | 34.8 | 35.0 | 35.2 | 35.4 | 35.6 | 35.8 | 36.0 | 36.2 | 36.4 | 36.6 | 36.8 | 37.0 | 37.2 | 37.4 | 37.6 | 37.8 | 38.0 | 38.2 | 38.4 | 38.6 | 38.8 | 39.0 | 39.2 | 39.4 | 39.6 | 39.8 | 40.0 | 40.2 | 40.4 | 40.6 | 40.8 | 41.0 | 41.2 | 41.4 | 41.6 | 41.8 | 42.0 | 42.2 | 42.4 | 42.6 | 42.8 | 43.0 | 43.2 | 43.4 | 43.6 | 43.8 | 44.0 | 44.2 | 44.4 | 44.6 | 44.8 | 45.0 | 45.2 | 45.4 | 45.6 | 45.8 | 46.0 | 46.2 | 46.4 | 46.6 | 46.8 | 47.0 | 47.2 | 47.4 | 47.6 | 47.8 | 48.0 | 48.2 | 48.4 | 48.6 | 48.8 | 49.0 | 49.2 | 49.4 | 49.6 | 49.8 | 50.0 | 50.2 | 50.4 | 50.6 | 50.8 | 51.0 | 51.2 | 51.4 | 51.6 | 51.8 | 52.0 | 52.2 | 52.4 | 52.6 | 52.8 | 53.0 | 53.2 | 53.4 | 53.6 | 53.8 | 54.0 | 54.2 | 54.4 | 54.6 | 54.8 | 55.0 | 55.2 | 55.4 | 55.6 | 55.8 | 56.0 | 56.2 | 56.4 | 56.6 | 56.8 | 57.0 | 57.2 | 57.4 | 57.6 | 57.8 | 58.0 | 58.2 | 58.4 | 58.6 | 58.8 | 59.0 | 59.2 | 59.4 | 59.6 | 59.8 | 60.0 | 60.2 | 60.4 | 60.6 | 60.8 | 61.0 | 61.2 | 61.4 | 61.6 | 61.8 | 62.0 | 62.2 | 62.4 | 62.6 | 62.8 | 63.0 | 63.2 | 63.4 | 63.6 | 63.8 | 64.0 | 64.2 | 64.4 | 64.6 | 64.8 | 65.0 | 65.2 | 65.4 | 65.6 | 65.8 | 66.0 | 66.2 | 66.4 | 66.6 | 66.8 | 67.0 | 67.2 | 67.4 | 67.6 | 67.8 | 68.0 | 68.2 | 68.4 | 68.6 | 68.8 | 69.0 | 69.2 | 69.4 | 69.6 | 69.8 | 70.0 | 70.2 | 70.4 | 70.6 | 70.8 | 71.0 | 71.2 | 71.4 | 71.6 | 71.8 | 72.0 | 72.2 | 72.4 | 72.6 | 72.8 | 73.0 | 73.2 | 73.4 | 73.6 | 73.8 | 74.0 | 74.2 | 74.4 | 74.6 | 74.8 | 75.0 | 75.2 | 75.4 | 75.6 | 75.8 | 76.0 | 76.2 | 76.4 | 76.6 | 76.8 | 77.0 | 77.2 | 77.4 | 77.6 | 77.8 | 78.0 | 78.2 | 78.4 | 78.6 | 78.8 | 79.0 | 79.2 | 79.4 | 79.6 | 79.8 | 80.0 | 80.2 | 80.4 | 80.6 | 80.8 | 81.0 | 81.2 | 81.4 | 81.6 | 81.8 | 82.0 | 82.2 | 82.4 | 82.6 | 82.8 | 83.0 | 83.2 | 83.4 | 83.6 | 83.8 | 84.0 | 84.2 | 84.4 | 84.6 | 84.8 | 85.0 | 85.2 | 85.4 | 85.6 | 85.8 | 86.0 | 86.2 | 86.4 | 86.6 | 86.8 | 87.0 | 87.2 | 87.4 | 87.6 | 87.8 | 88.0 | 88.2 | 88.4 | 88.6 | 88.8 | 89.0 | 89.2 | 89.4 | 89.6 | 89.8 | 90.0 | 90.2 | 90.4 | 90.6 | 90.8 | 91.0 | 91.2 | 91.4 | 91.6 | 91.8 | 92.0 | 92.2 | 92.4 | 92.6 | 92.8 | 93.0 | 93.2 | 93.4 | 93.6 | 93.8 | 94.0 | 94.2 | 94.4 | 94.6 | 94.8 | 95.0 | 95.2 | 95.4 | 95.6 | 95.8 | 96.0 | 96.2 | 96.4 | 96.6 | 96.8 | 97.0 | 97.2 | 97.4 | 97.6 | 97.8 | 98.0 | 98.2 | 98.4 | 98.6 | 98.8 | 99.0 | 99.2 | 99.4 | 99.6 | 99.8 | 100.0 |
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TOTAL NUMBER OF OBSERVATIONS 503

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

CEILING VERSUS VISIBILITY

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

SE 14-00000-1 of 1000

TOTAL NUMBER OF OBSERVATIONS _____ 446

CEILING VERSUS VISIBILITY

1-1-1

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~~10-2-1425~~

OR IN MODELS OF METERS

| | |
|-------|-------|
| 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.1 | 100.2 | 100.3 | 100.4 | 100.5 | 100.6 | 100.7 | 100.8 | 100.9 | 101.0 | 101.1 | 101.2 | 101.3 | 101.4 | 101.5 | 101.6 | 101.7 | 101.8 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 | 102.4 | 102.5 | 102.6 | 102.7 | 102.8 | 102.9 | 103.0 | 103.1 | 103.2 | 103.3 | 103.4 | 103.5 | 103.6 | 103.7 | 103.8 | 103.9 | 104.0 | 104.1 | 104.2 | 104.3 | 104.4 | 104.5 | 104.6 | 104.7 | 104.8 | 104.9 | 105.0 | 105.1 | 105.2 | 105.3 | 105.4 | 105.5 | 105.6 | 105.7 | 105.8 | 105.9 | 106.0 | 106.1 | 106.2 | 106.3 | 106.4 | 106.5 | 106.6 | 106.7 | 106.8 | 106.9 | 107.0 | 107.1 | 107.2 | 107.3 | 107.4 | 107.5 | 107.6 | 107.7 | 107.8 | 107.9 | 108.0 | 108.1 | 108.2 | 108.3 | 108.4 | 108.5 | 108.6 | 108.7 | 108.8 | 108.9 | 109.0 | 109.1 | 109.2 | 109.3 | 109.4 | 109.5 | 109.6 | 109.7 | 109.8 | 109.9 | 110.0 | 110.1 | 110.2 | 110.3 | 110.4 | 110.5 | 110.6 | 110.7 | 110.8 | 110.9 | 111.0 | 111.1 | 111.2 | 111.3 | 111.4 | 111.5 | 111.6 | 111.7 | 111.8 | 111.9 | 112.0 | 112.1 | 112.2 | 112.3 | 112.4 | 112.5 | 112.6 | 112.7 | 112.8 | 112.9 | 113.0 | 113.1 | 113.2 | 113.3 | 113.4 | 113.5 | 113.6 | 113.7 | 113.8 | 113.9 | 114.0 | 114.1 | 114.2 | 114.3 | 114.4 | 114.5 | 114.6 | 114.7 | 114.8 | 114.9 | 115.0 | 115.1 | 115.2 | 115.3 | 115.4 | 115.5 | 115.6 | 115.7 | 115.8 | 115.9 | 116.0 | 116.1 | 116.2 | 116.3 | 116.4 | 116.5 | 116.6 | 116.7 | 116.8 | 116.9 | 117.0 | 117.1 | 117.2 | 117.3 | 117.4 | 117.5 | 117.6 | 117.7 | 117.8 | 117.9 | 118.0 | 118.1 | 118.2 | 118.3 | 118.4 | 118.5 | 118.6 | 118.7 | 118.8 | 118.9 | 119.0 | 119.1 | 119.2 | 119.3 | 119.4 | 119.5 | 119.6 | 119.7 | 119.8 | 119.9 | 120.0 | 120.1 | 120.2 | 120.3 | 120.4 | 120.5 | 120.6 | 120.7 | 120.8 | 120.9 | 121.0 | 121.1 | 121.2 | 121.3 | 121.4 | 121.5 | 121.6 | 121.7 | 121.8 | 121.9 | 122.0 | 122.1 | 122.2 | 122.3 | 122.4 | 122.5 | 122.6 | 122.7 | 122.8 | 122.9 | 123.0 | 123.1 | 123.2 | 123.3 | 123.4 | 123.5 | 123.6 | 123.7 | 123.8 | 123.9 | 124.0 | 124.1 | 124.2 | 124.3 | 124.4 | 124.5 | 124.6 | 124.7 | 124.8 | 124.9 | 125.0 | 125.1 | 125.2 | 125.3 | 125.4 | 125.5 | 125.6 | 125.7 | 125.8 | 125.9 | 126.0 | 126.1 | 126.2 | 126.3 | 126.4 | 126.5 | 126.6 | 126.7 | 126.8 | 126.9 | 127.0 | 127.1 | 127.2 | 127.3 | 127.4 | 127.5 | 127.6 | 127.7 | 127.8 | 127.9 | 128.0 | 128.1 | 128.2 | 128.3 | 128.4 | 128.5 | 128.6 | 128.7 | 128.8 | 128.9 | 129.0 | 129.1 | 129.2 | 129.3 | 129.4 | 129.5 | 129.6 | 129.7 | 129.8 | 129.9 | 130.0 | 130.1 | 130.2 | 130.3 | 130.4 | 130.5 | 130.6 | 130.7 | 130.8 | 130.9 | 131.0 | 131.1 | 131.2 | 131.3 | 131.4 | 131.5 | 131.6 | 131.7 | 131.8 | 131.9 | 132.0 | 132.1 | 132.2 | 132.3 | 132.4 | 132.5 | 132.6 | 132.7 | 132.8 | 132.9 | 133.0 | 133.1 | 133.2 | 133.3 | 133.4 | 133.5 | 133.6 | 133.7 | 133.8 | 133.9 | 134.0 | 134.1 | 134.2 | 134.3 | 134.4 | 134.5 | 134.6 | 134.7 | 134.8 | 134.9 | 135.0 | 135.1 | 135.2 | 135.3 | 135.4 | 135.5 | 135.6 | 135.7 | 135.8 | 135.9 | 136.0 | 136.1 | 136.2 | 136.3 | 136.4 | 136.5 | 136.6 | 136.7 | 136.8 | 136.9 | 137.0 | 137.1 | 137.2 | 137.3 | 137.4 | 137.5 | 137.6 | 137.7 | 137.8 | 137.9 | 138.0 | 138.1 | 138.2 | 138.3 | 138.4 | 138.5 | 138.6 | 138.7 | 138.8 | 138.9 | 139.0 | 139.1 | 139.2 | 139.3 | 139.4 | 139.5 | 139.6 | 139.7 | 139.8 | 139.9 | 140.0 | 140.1 | 140.2 | 140.3 | 140.4 | 140.5 | 140.6 | 140.7 | 140.8 | 140.9 | 141.0 | 141.1 | 141.2 | 141.3 | 141.4 | 141.5 | 141.6 | 141.7 | 141.8 | 141.9 | 142.0 | 142.1 | 142.2 | 142.3 | 142.4 | 142.5 | 142.6 | 142.7 | 142.8 | 142.9 | 143.0 | 143.1 | 143.2 | 143.3 | 143.4 | 143.5 | 143.6 | 143.7 | 143.8 | 143.9 | 144.0 | 144.1 | 144.2 | 144.3 | 144.4 | 144.5 | 144.6 | 144.7 | 144.8 | 144.9 | 145.0 | 145.1 | 145.2 | 145.3 | 145.4 | 145.5 | 145.6 | 145.7 | 145.8 | 145.9 | 146.0 | 146.1 | 146.2 | 146.3 | 146.4 | 146.5 | 146.6 | 146.7 | 146.8 | 146.9 | 147.0 | 147.1 | 147.2 | 147.3 | 147.4 | 147.5 | 147.6 | 147.7 | 147.8 | 147.9 | 148.0 | 148.1 | 148.2 | 148.3 | 148.4 | 148.5 | 148.6 | 148.7 | 148.8 | 148.9 | 149.0 | 149.1 | 149.2 | 149.3 | 149.4 | 149.5 | 149.6 | 149.7 | 149.8 | 149.9 | 150.0 | 150.1 | 150.2 | 150.3 | 150.4 | 150.5 | 150.6 | 150.7 | 150.8 | 150.9 | 151.0 | 151.1 | 151.2 | 151.3 | 151.4 | 151.5 | 151.6 | 151.7 | 151.8 | 151.9 | 152.0 | 152.1 | 152.2 | 152.3 | 152.4 | 152.5 | 152.6 | 152.7 | 152.8 | 152.9 | 153.0 | 153.1 | 153.2 | 153.3 | 153.4 | 153.5 | 153.6 | 153.7 | 153.8 | 153.9 | 154.0 | 154.1 | 154.2 | 154.3 | 154.4 | 154.5 | 154.6 | 154.7 | 154.8 | 154.9 | 155.0 | 155.1 | 155.2 |
|-------|-------|

TOTAL NUMBER OF OBSERVATIONS 648

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

CEILING VERSUS VISIBILITY

7-5

203

44-38861-1723

TOTAL NUMBER OF OBSERVATIONS 644

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-4-54 AFB CH HALL AAF CA

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1-4-54-2-00

| | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | CEILING (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|----|-----|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1 | 1.6 | 25.0 | 27.2 | 30.4 | 31.4 | 31.6 | 34.7 | 35.6 | 35.7 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | |
| 2 | 2.5 | 2.8 | 32.1 | 36.1 | 36.7 | 37.5 | 39.6 | 41.2 | 41.3 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | |
| 3 | 2.2 | 29.0 | 32.2 | 36.2 | 36.9 | 37.2 | 39.7 | 41.3 | 41.5 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | |
| 4 | 2.7 | 24.5 | 32.7 | 36.7 | 37.5 | 37.8 | 41.7 | 42.3 | 42.5 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | |
| 5 | 2.3 | 30.4 | 34.1 | 39.3 | 40.2 | 40.5 | 43.4 | 45.0 | 45.2 | 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 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | |
| 6 | 2.2 | 31.4 | 34.1 | 39.3 | 40.2 | 40.5 | 43.4 | 45.0 | 45.2 | 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 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | |
| 7 | 2.3 | 36.4 | 39.9 | 44.9 | 46.0 | 46.8 | 49.7 | 51.3 | 51.6 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | |
| 8 | 2.1 | 38.6 | 42.3 | 47.6 | 48.7 | 49.5 | 52.4 | 54.2 | 54.5 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | |
| 9 | 2.8 | 39.6 | 43.7 | 48.7 | 49.8 | 50.6 | 53.5 | 55.3 | 55.6 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | |
| 10 | 2.0 | 42.3 | 46.0 | 52.2 | 53.4 | 54.2 | 57.1 | 58.8 | 59.1 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | |
| 11 | 3.1 | 43.9 | 47.0 | 54.5 | 55.6 | 56.4 | 59.3 | 61.2 | 61.5 | 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 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | |
| 12 | 3.3 | 47.1 | 50.4 | 58.2 | 59.5 | 60.3 | 63.1 | 65.1 | 65.4 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | |
| 13 | 3.4 | 48.9 | 52.0 | 60.4 | 62.7 | 63.5 | 66.8 | 68.8 | 69.1 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | |
| 14 | 3.0 | 51.3 | 55.6 | 63.1 | 65.5 | 66.3 | 70.1 | 72.0 | 72.3 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | |
| 15 | 3.5 | 53.4 | 58.0 | 67.3 | 69.7 | 70.5 | 74.2 | 76.1 | 76.4 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | |
| 16 | 3.9 | 54.2 | 59.1 | 68.6 | 71.3 | 72.1 | 76.3 | 77.9 | 78.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | |
| 17 | 3.4 | 55.3 | 60.1 | 69.6 | 72.4 | 73.2 | 77.1 | 78.2 | 79.5 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | |
| 18 | 3.5 | 56.6 | 62.3 | 73.2 | 76.8 | 77.7 | 81.7 | 84.0 | 84.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | |
| 19 | 3.7 | 57.1 | 63.1 | 74.7 | 78.2 | 79.3 | 83.7 | 86.4 | 86.9 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | |
| 20 | 3.1 | 57.5 | 64.1 | 76.6 | 80.4 | 81.6 | 86.7 | 89.9 | 91.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | |
| 21 | 3.1 | 57.7 | 64.1 | 77.1 | 81.1 | 82.2 | 87.5 | 90.7 | 91.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | |
| 22 | 3.1 | 57.5 | 64.1 | 77.7 | 82.2 | 83.3 | 88.9 | 93.4 | 94.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | |
| 23 | 3.1 | 57.9 | 64.4 | 78.4 | 82.9 | 84.0 | 89.7 | 94.2 | 95.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | |
| 24 | 3.1 | 57.7 | 64.4 | 78.4 | 83.0 | 84.1 | 89.9 | 94.6 | 96.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | |
| 25 | 3.2 | 57.7 | 64.4 | 78.4 | 83.0 | 84.3 | 90.1 | 94.9 | 97.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | |
| 26 | 3.1 | 57.7 | 64.4 | 78.4 | 83.0 | 84.3 | 90.1 | 95.0 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | |
| 27 | 3.1 | 57.7 | 64.4 | 78.4 | 83.0 | 84.3 | 90.1 | 95.0 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | |
| 28 | 3.0 | 57.7 | 64.4 | 78.4 | 83.0 | 84.3 | 90.1 | 95.0 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | |

TOTAL NUMBER OF OBSERVATIONS 624

CEILING VERSUS VISIBILITY

75,77-82

21-2-2322

TOTAL NUMBER OF OBSERVATIONS 179

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

CL AL CLIMATOLOGY BRANCH
ETAC
A LATFA SERVICE MAC

CEILING VERSUS VISIBILITY

1 40 100 AFBI CH HALL AAF IL

1-67

051

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING
(FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | CEILING (HUNDREDS OF METERS) | | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | |
| 100 | 1.1 | 1.3 | 2.7 | 25.8 | 26.4 | 26.9 | 7.8 | 28.6 | 28.7 | 29.0 | 29.1 | 29.2 | 29.2 | 29.4 | 29.6 | 30.3 | 1.1 | 1.3 | 2.7 | 25.8 | 26.4 | 26.9 | 7.8 | 28.6 | 28.7 | 29.0 | 29.1 | 29.2 | 29.2 | 29.4 | 29.6 | 30.3 | |
| 200 | 1.7 | 2.5 | 27.2 | 30.6 | 31.5 | 31.9 | 33.1 | 33.8 | 34.2 | 34.5 | 34.7 | 34.8 | 34.9 | 35.1 | 35.2 | 35.6 | 1.7 | 2.5 | 27.2 | 30.6 | 31.5 | 31.9 | 33.1 | 33.8 | 34.2 | 34.5 | 34.7 | 34.8 | 34.9 | 35.1 | 35.2 | 35.6 | |
| 300 | 1.8 | 2.5 | 27.2 | 30.6 | 31.5 | 31.9 | 33.1 | 33.8 | 34.2 | 34.5 | 34.7 | 34.8 | 34.9 | 35.1 | 35.2 | 35.6 | 1.8 | 2.5 | 27.2 | 30.6 | 31.5 | 31.9 | 33.1 | 33.8 | 34.2 | 34.5 | 34.7 | 34.8 | 34.9 | 35.1 | 35.2 | 35.6 | |
| 400 | 2.1 | 2.7 | 29.3 | 33.3 | 34.2 | 34.6 | 35.9 | 36.6 | 36.8 | 37.1 | 37.3 | 37.3 | 37.4 | 37.6 | 37.9 | 38.7 | 2.1 | 2.7 | 29.3 | 33.3 | 34.2 | 34.6 | 35.9 | 36.6 | 36.8 | 37.1 | 37.3 | 37.3 | 37.4 | 37.6 | 37.9 | 38.7 | |
| 500 | 2.2 | 2.7 | 30.7 | 34.6 | 35.5 | 36.7 | 37.3 | 38.1 | 38.2 | 38.6 | 38.8 | 39.0 | 39.2 | 39.5 | 40.3 | 40.3 | 2.2 | 2.7 | 30.7 | 34.6 | 35.5 | 36.7 | 37.3 | 38.1 | 38.2 | 38.6 | 38.8 | 39.0 | 39.2 | 39.5 | 40.3 | 40.3 | |
| 600 | 2.3 | 2.9 | 31.7 | 35.6 | 36.6 | 37.7 | 38.3 | 39.1 | 39.3 | 39.7 | 39.9 | 40.2 | 40.3 | 40.6 | 41.4 | 41.4 | 2.3 | 2.9 | 31.7 | 35.6 | 36.6 | 37.7 | 38.3 | 39.1 | 39.3 | 39.7 | 39.9 | 40.2 | 40.3 | 40.6 | 41.4 | 41.4 | |
| 700 | 2.3 | 3.3 | 33.8 | 35.6 | 40.0 | 41.1 | 41.6 | 43.7 | 43.8 | 44.1 | 44.5 | 44.7 | 44.8 | 44.9 | 45.1 | 46.3 | 2.3 | 3.3 | 33.8 | 35.6 | 40.0 | 41.1 | 41.6 | 43.7 | 43.8 | 44.1 | 44.5 | 44.7 | 44.8 | 44.9 | 45.1 | 46.3 | 46.3 |
| 800 | 2.3 | 3.5 | 37.4 | 42.1 | 43.2 | 43.8 | 45.2 | 46.1 | 46.3 | 46.8 | 47.0 | 47.2 | 47.2 | 47.4 | 47.7 | 48.5 | 2.3 | 3.5 | 37.4 | 42.1 | 43.2 | 43.8 | 45.2 | 46.1 | 46.3 | 46.8 | 47.0 | 47.2 | 47.2 | 47.4 | 47.7 | 48.5 | 48.5 |
| 900 | 2.3 | 3.6 | 38.1 | 42.9 | 44.1 | 44.8 | 46.1 | 47.1 | 47.3 | 47.7 | 47.9 | 48.0 | 48.2 | 48.4 | 49.5 | 49.5 | 2.3 | 3.6 | 38.1 | 42.9 | 44.1 | 44.8 | 46.1 | 47.1 | 47.3 | 47.7 | 47.9 | 48.0 | 48.2 | 48.4 | 49.5 | 49.5 | 49.5 |
| 1000 | 2.4 | 3.7 | 40.1 | 42.2 | 47.8 | 49.3 | 49.9 | 51.4 | 52.4 | 52.6 | 53.0 | 53.2 | 53.3 | 53.5 | 53.7 | 54.9 | 2.4 | 3.7 | 40.1 | 42.2 | 47.8 | 49.3 | 49.9 | 51.4 | 52.4 | 52.6 | 53.0 | 53.2 | 53.3 | 53.5 | 53.7 | 54.9 | 54.9 |
| 1100 | 2.4 | 3.7 | 42.6 | 44.8 | 50.8 | 52.4 | 53.0 | 54.7 | 55.7 | 55.9 | 56.4 | 56.6 | 56.7 | 56.9 | 57.1 | 58.3 | 2.4 | 3.7 | 42.6 | 44.8 | 50.8 | 52.4 | 53.0 | 54.7 | 55.7 | 55.9 | 56.4 | 56.6 | 56.7 | 56.9 | 57.1 | 58.3 | 58.3 |
| 1200 | 2.4 | 3.8 | 45.4 | 47.7 | 54.0 | 55.9 | 56.5 | 58.3 | 59.3 | 59.6 | 60.1 | 60.3 | 60.3 | 60.6 | 60.8 | 62.0 | 2.4 | 3.8 | 45.4 | 47.7 | 54.0 | 55.9 | 56.5 | 58.3 | 59.3 | 59.6 | 60.1 | 60.3 | 60.3 | 60.6 | 60.8 | 62.0 | 62.0 |
| 1300 | 2.4 | 3.9 | 49.3 | 51.9 | 58.8 | 60.0 | 61.5 | 63.4 | 64.6 | 64.8 | 65.3 | 65.6 | 65.6 | 65.9 | 66.1 | 67.3 | 2.4 | 3.9 | 49.3 | 51.9 | 58.8 | 60.0 | 61.5 | 63.4 | 64.6 | 64.8 | 65.3 | 65.6 | 65.6 | 65.9 | 66.1 | 67.3 | 67.3 |
| 1400 | 2.4 | 4.0 | 51.6 | 54.4 | 61.9 | 64.1 | 64.6 | 66.8 | 68.0 | 68.2 | 68.8 | 69.1 | 69.1 | 69.4 | 69.6 | 70.8 | 2.4 | 4.0 | 51.6 | 54.4 | 61.9 | 64.1 | 64.6 | 66.8 | 68.0 | 68.2 | 68.8 | 69.1 | 69.1 | 69.4 | 69.6 | 70.8 | 70.8 |
| 1500 | 2.4 | 4.1 | 53.8 | 56.2 | 64.7 | 67.2 | 68.1 | 70.2 | 71.4 | 71.7 | 72.3 | 72.6 | 72.6 | 72.9 | 73.1 | 74.3 | 2.4 | 4.1 | 53.8 | 56.2 | 64.7 | 67.2 | 68.1 | 70.2 | 71.4 | 71.7 | 72.3 | 72.6 | 72.6 | 72.9 | 73.1 | 74.3 | 74.3 |
| 1600 | 2.4 | 4.1 | 54.6 | 57.8 | 65.7 | 68.4 | 69.1 | 71.4 | 72.7 | 73.1 | 73.8 | 74.0 | 74.1 | 74.3 | 74.5 | 75.7 | 2.4 | 4.1 | 54.6 | 57.8 | 65.7 | 68.4 | 69.1 | 71.4 | 72.7 | 73.1 | 73.8 | 74.0 | 74.1 | 74.3 | 74.5 | 75.7 | 75.7 |
| 1700 | 2.4 | 4.2 | 56.2 | 59.8 | 67.6 | 71.9 | 72.6 | 75.1 | 76.5 | 77.0 | 77.8 | 78.0 | 78.1 | 78.3 | 78.5 | 79.7 | 2.4 | 4.2 | 56.2 | 59.8 | 67.6 | 71.9 | 72.6 | 75.1 | 76.5 | 77.0 | 77.8 | 78.0 | 78.1 | 78.3 | 78.5 | 79.7 | 79.7 |
| 1800 | 2.4 | 4.3 | 57.5 | 61.4 | 71.1 | 74.5 | 75.4 | 78.4 | 80.2 | 80.7 | 81.5 | 81.7 | 81.8 | 82.0 | 82.2 | 83.4 | 2.4 | 4.3 | 57.5 | 61.4 | 71.1 | 74.5 | 75.4 | 78.4 | 80.2 | 80.7 | 81.5 | 81.7 | 81.8 | 82.0 | 82.2 | 83.4 | 83.4 |
| 1900 | 2.4 | 4.3 | 58.6 | 63.0 | 73.5 | 77.3 | 78.3 | 81.8 | 83.9 | 84.5 | 85.4 | 85.6 | 85.7 | 85.9 | 86.1 | 87.3 | 2.4 | 4.3 | 58.6 | 63.0 | 73.5 | 77.3 | 78.3 | 81.8 | 83.9 | 84.5 | 85.4 | 85.6 | 85.7 | 85.9 | 86.1 | 87.3 | 87.3 |
| 2000 | 2.4 | 4.4 | 59.9 | 63.4 | 74.3 | 79.2 | 79.3 | 83.1 | 85.2 | 85.9 | 86.8 | 87.1 | 87.1 | 87.4 | 87.6 | 88.9 | 2.4 | 4.4 | 59.9 | 63.4 | 74.3 | 79.2 | 79.3 | 83.1 | 85.2 | 85.9 | 86.8 | 87.1 | 87.1 | 87.4 | 87.6 | 88.9 | 88.9 |
| 2100 | 2.4 | 4.4 | 59.9 | 64.3 | 75.5 | 79.6 | 80.8 | 84.7 | 87.2 | 88.1 | 88.9 | 89.1 | 89.2 | 89.4 | 89.6 | 90.9 | 2.4 | 4.4 | 59.9 | 64.3 | 75.5 | 79.6 | 80.8 | 84.7 | 87.2 | 88.1 | 88.9 | 89.1 | 89.2 | 89.4 | 89.6 | 90.9 | 90.9 |
| 2200 | 2.4 | 4.4 | 59.9 | 64.3 | 76.2 | 80.8 | 82.0 | 86.2 | 89.1 | 90.0 | 90.9 | 91.2 | 91.2 | 91.5 | 91.7 | 93.1 | 2.4 | 4.4 | 59.9 | 64.3 | 76.2 | 80.8 | 82.0 | 86.2 | 89.1 | 90.0 | 90.9 | 91.2 | 91.2 | 91.5 | 91.7 | 93.1 | 93.1 |
| 2300 | 2.4 | 4.4 | 59.9 | 64.3 | 76.4 | 81.0 | 82.3 | 86.8 | 90.0 | 91.0 | 92.1 | 92.4 | 92.4 | 92.7 | 92.9 | 94.3 | 2.4 | 4.4 | 59.9 | 64.3 | 76.4 | 81.0 | 82.3 | 86.8 | 90.0 | 91.0 | 92.1 | 92.4 | 92.4 | 92.7 | 92.9 | 94.3 | 94.3 |
| 2400 | 2.4 | 4.4 | 59.9 | 64.3 | 76.7 | 81.3 | 82.7 | 87.3 | 90.8 | 92.1 | 93.4 | 93.8 | 93.8 | 94.1 | 94.4 | 96.0 | 2.4 | 4.4 | 59.9 | 64.3 | 76.7 | 81.3 | 82.7 | 87.3 | 90.8 | 92.1 | 93.4 | 93.8 | 93.8 | 94.1 | 94.4 | 96.0 | 96.0 |
| 2500 | 2.4 | 4.4 | 59.9 | 64.3 | 76.7 | 81.4 | 82.8 | 87.4 | 91.2 | 92.7 | 94.2 | 94.6 | 94.7 | 95.1 | 95.4 | 97.3 | 2.4 | 4.4 | 59.9 | 64.3 | 76.7 | 81.4 | 82.8 | 87.4 | 91.2 | 92.7 | 94.2 | 94.6 | 94.7 | 95.1 | 95.4 | 97.3 | 97.3 |
| 2600 | 2.4 | 4.4 | 59.9 | 64.3 | 76.7 | 81.4 | 82.8 | 87.4 | 91.3 | 93.0 | 94.6 | 95.1 | 95.3 | 95.8 | 96.3 | 98.2 | 2.4 | 4.4 | 59.9 | 64.3 | 76.7 | 81.4 | 82.8 | 87.4 | 91.3 | 93.0 | 94.6 | 95.1 | 95.3 | 95.8 | 96.3 | 98.2 | 98.2 |
| 2700 | 2.4 | 4.4 | 59.9 | 64.3 | 76.7 | 81.4 | 82.8 | 87.5 | 91.3 | 93.0 | 94.7 | 95.4 | 95.7 | 96.2 | 97.0 | 99.8 | 2.4 | 4.4 | 59.9 | 64.3 | 76.7 | 81.4 | 82.8 | 87.5 | 91.3 | 93.0 | 94.7 | 95.4 | 95.7 | 96.2 | 97.0 | 99.8 | 99.8 |
| 2800 | 2.4 | 4.4 | 59.9 | 64.3 | 76.7 | 81.4 | 82.8 | 87.5 | 91.3 | 93.0 | 94.7 | 95.4 | 95.7 | 96.2 | 97.0 | 100.0 | 2.4 | 4.4 | 59.9 | 64.3 | 76.7 | 81.4 | 82.8 | 87.5 | 91.3 | 93.0 | 94.7 | 95.4 | 95.7 | 96.2 | 97.0 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3316

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

GENERAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 40 SCHWABERICH HALL AAF DL

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-8000

| CEILING
FEET | VISIBILITY STATUTE MILES
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 20 | 26 | 25 | 24 | 21 | 22 | 21 | 2 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 10000 | 10.9 | 12.7 | 12.9 | 15.6 | 16.3 | 16.7 | 17.4 | 18.3 | 18.5 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 20.8 |
| 9000 | 11.2 | 14.7 | 14.9 | 17.6 | 18.3 | 18.6 | 19.5 | 2.4 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 23.3 |
| 8000 | 11.2 | 14.7 | 14.9 | 17.7 | 18.5 | 18.8 | 19.7 | 20.6 | 21.0 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 22.2 | 23.7 |
| 7000 | 12.4 | 14.7 | 15.1 | 17.9 | 18.6 | 19.0 | 19.9 | 20.6 | 21.1 | 21.5 | 21.5 | 21.5 | 21.5 | 22.2 | 22.4 | 23.8 |
| 6000 | 12.7 | 15.4 | 15.6 | 18.5 | 19.2 | 19.5 | 2.4 | 21.3 | 21.7 | 22.0 | 22.0 | 22.0 | 22.0 | 22.2 | 22.9 | 24.7 |
| 5000 | 11.1 | 15.6 | 15.8 | 18.6 | 19.4 | 19.7 | 21.6 | 21.7 | 22.7 | 22.4 | 22.4 | 22.4 | 22.4 | 22.6 | 23.3 | 25.1 |
| 4000 | 11.6 | 16.3 | 18.6 | 21.5 | 22.2 | 22.6 | 23.5 | 24.6 | 24.9 | 25.4 | 25.4 | 25.4 | 25.4 | 25.6 | 26.3 | 28.3 |
| 3000 | 11.3 | 19.2 | 19.5 | 23.1 | 23.8 | 24.2 | 25.1 | 26.2 | 26.5 | 27.1 | 27.1 | 27.1 | 27.1 | 27.2 | 28.3 | 29.9 |
| 2000 | 11.8 | 22.8 | 23.1 | 27.1 | 28.0 | 28.3 | 29.7 | 30.3 | 30.6 | 31.2 | 31.2 | 31.2 | 31.2 | 31.4 | 32.1 | 34.1 |
| 1000 | 11.7 | 23.7 | 24.1 | 28.0 | 28.9 | 29.2 | 32.1 | 31.2 | 31.5 | 32.1 | 32.1 | 32.1 | 32.1 | 32.3 | 33.0 | 34.9 |
| 500 | 12.9 | 24.0 | 24.4 | 29.2 | 3.3 | 30.6 | 31.5 | 32.6 | 33.7 | 33.5 | 33.5 | 33.5 | 33.5 | 33.7 | 34.4 | 36.4 |
| 200 | 21.1 | 25.8 | 26.2 | 31.7 | 33.0 | 33.3 | 34.4 | 35.7 | 36.7 | 36.6 | 36.6 | 36.6 | 36.6 | 36.7 | 37.5 | 39.4 |
| 100 | 23.7 | 28.3 | 2.7 | 34.4 | 35.7 | 36.0 | 37.1 | 38.4 | 38.7 | 39.2 | 39.2 | 39.2 | 39.2 | 39.4 | 40.1 | 42.1 |
| 50 | 2.4 | 3.8 | 31.2 | 37.1 | 38.5 | 39.1 | 40.5 | 42.7 | 43.0 | 43.5 | 43.5 | 43.5 | 43.5 | 43.7 | 44.4 | 46.4 |
| 25 | 26.4 | 32.6 | 33.1 | 39.6 | 41.4 | 41.9 | 43.5 | 46.2 | 46.6 | 47.1 | 47.1 | 47.1 | 47.1 | 47.3 | 48.0 | 50.0 |
| 10 | 2.2 | 35.5 | 36.4 | 43.5 | 45.3 | 45.9 | 47.5 | 5.2 | 5.5 | 51.1 | 51.4 | 51.4 | 51.4 | 51.6 | 52.3 | 54.3 |
| 5 | 0.1 | 36.7 | 37.6 | 45.7 | 47.7 | 48.4 | 5.2 | 53.0 | 53.4 | 53.9 | 54.3 | 54.3 | 54.3 | 54.5 | 55.2 | 57.2 |
| 2 | 32.1 | 40.7 | 41.9 | 50.5 | 52.7 | 53.4 | 56.1 | 59.1 | 59.5 | 60.0 | 60.4 | 60.4 | 60.4 | 60.8 | 61.5 | 63.4 |
| 1 | 3.3 | 41.2 | 42.3 | 51.3 | 53.4 | 54.1 | 57.3 | 60.4 | 60.8 | 61.3 | 61.6 | 61.6 | 62.0 | 62.7 | 63.1 | 64.7 |
| 500 | 3.1 | 43.2 | 44.4 | 53.8 | 56.5 | 57.2 | 6.9 | 64.2 | 64.7 | 65.2 | 65.6 | 65.6 | 65.9 | 66.7 | 67.0 | 68.6 |
| 200 | 35.4 | 44.3 | 46.1 | 56.6 | 59.5 | 6.2 | 64.3 | 67.9 | 68.5 | 69.7 | 69.4 | 69.4 | 69.7 | 70.4 | 70.8 | 72.4 |
| 100 | 31.6 | 45.7 | 47.5 | 59.1 | 62.4 | 63.8 | 68.5 | 72.9 | 74.6 | 75.4 | 75.8 | 75.8 | 76.3 | 77.1 | 77.4 | 79.2 |
| 50 | 31.6 | 45.7 | 47.5 | 59.7 | 62.9 | 64.3 | 69.7 | 74.2 | 76.0 | 76.9 | 77.2 | 77.2 | 77.8 | 78.5 | 78.9 | 80.5 |
| 20 | 31.6 | 46.4 | 48.2 | 61.3 | 64.9 | 66.3 | 72.2 | 77.4 | 79.4 | 80.6 | 81.0 | 81.0 | 81.5 | 82.3 | 82.6 | 84.4 |
| 10 | 3.6 | 46.6 | 48.7 | 62.2 | 66.8 | 68.5 | 75.1 | 87.5 | 82.8 | 84.1 | 84.4 | 84.4 | 84.9 | 85.7 | 86.0 | 87.8 |
| 5 | 3.6 | 46.6 | 48.7 | 62.5 | 67.9 | 69.5 | 76.2 | 82.3 | 84.8 | 86.1 | 86.4 | 86.4 | 86.9 | 87.6 | 88.2 | 90.3 |
| 2 | 3.6 | 46.8 | 48.9 | 62.9 | 68.5 | 70.1 | 77.2 | 83.7 | 86.4 | 87.6 | 88.1 | 88.1 | 88.7 | 89.6 | 90.0 | 92.5 |
| 1 | 3.6 | 46.8 | 48.9 | 62.9 | 68.5 | 70.1 | 78.0 | 84.8 | 88.2 | 89.6 | 90.1 | 90.1 | 90.9 | 91.8 | 92.1 | 94.6 |
| 500 | 3.6 | 46.8 | 48.9 | 62.9 | 68.5 | 70.1 | 78.0 | 85.3 | 89.4 | 90.9 | 91.4 | 91.6 | 92.3 | 93.4 | 93.7 | 96.4 |
| 200 | 3.6 | 46.8 | 48.9 | 62.9 | 68.5 | 70.1 | 78.0 | 85.5 | 89.8 | 91.2 | 91.8 | 91.9 | 92.8 | 94.8 | 96.1 | 98.7 |
| 100 | 3.6 | 46.8 | 48.9 | 62.9 | 68.5 | 70.1 | 78.0 | 85.7 | 90.0 | 91.6 | 92.1 | 92.3 | 93.2 | 95.3 | 96.8 | 100.0 |
| 50 | 3.6 | 46.8 | 48.9 | 62.9 | 68.5 | 70.1 | 78.0 | 85.7 | 90.0 | 91.6 | 92.1 | 92.3 | 93.2 | 95.3 | 96.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 558

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

CEILING VERSUS VISIBILITY

MCN

~~900-1100~~

TOTAL NUMBER OF OBSERVATIONS 564

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

451 SCHWABERICH HALL AAF DL

73-67

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1220-1400

| CEILING
(FEET) | VISIBILITY (STATUTE MILES)
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | | | | | |
|-------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 |
| 1-1000 | 1.4 | 18.9 | 19.1 | 20.0 | 21.2 | 21.2 | 21.4 | 21.7 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 |
| 1-900 | 1.1 | 23.3 | 23.7 | 24.7 | 26.0 | 26.3 | 26.5 | 26.9 | 27.1 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.4 |
| 1-800 | 1.1 | 23.7 | 24.7 | 26.0 | 26.3 | 26.5 | 26.9 | 27.1 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.4 |
| 1-700 | 1.1 | 23.9 | 24.2 | 25.4 | 26.7 | 27.0 | 27.2 | 27.6 | 27.7 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 28.1 |
| 1-600 | 1.1 | 24.1 | 24.4 | 25.6 | 26.9 | 27.2 | 27.4 | 27.7 | 27.9 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.3 |
| 1-500 | 2.4 | 25.1 | 26.1 | 27.4 | 28.6 | 29.1 | 29.2 | 29.5 | 29.7 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 30.0 |
| 1-400 | 23.0 | 27.4 | 27.7 | 29.2 | 30.4 | 30.7 | 31.3 | 31.4 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 |
| 1-300 | 25.1 | 27.9 | 30.2 | 32.2 | 33.4 | 33.7 | 33.9 | 34.3 | 34.5 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.8 |
| 1-200 | 27.5 | 34.6 | 35.3 | 37.5 | 38.7 | 39.0 | 39.2 | 39.6 | 39.8 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 40.1 |
| 1-100 | 31.4 | 35.7 | 36.6 | 38.7 | 40.8 | 41.3 | 41.5 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.9 |
| 1-000 | 33.1 | 36.2 | 37.1 | 39.2 | 41.3 | 41.3 | 41.5 | 41.7 | 42.1 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.4 |
| 1-900 | 32.5 | 37.8 | 38.7 | 40.8 | 42.9 | 43.1 | 43.5 | 43.6 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 44.0 |
| 1-800 | 34.5 | 37.9 | 40.1 | 43.1 | 44.9 | 45.2 | 45.4 | 45.8 | 45.9 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.3 |
| 1-700 | 31.4 | 42.2 | 43.3 | 46.1 | 47.9 | 48.2 | 48.4 | 48.8 | 48.9 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.3 |
| 1-600 | 31.3 | 44.3 | 45.6 | 48.8 | 50.9 | 51.2 | 51.6 | 51.9 | 52.1 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.5 |
| 1-500 | 31.3 | 47.1 | 49.1 | 52.8 | 54.9 | 55.5 | 55.8 | 56.7 | 56.9 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 |
| 1-400 | 31.3 | 50.4 | 51.9 | 56.0 | 58.1 | 58.7 | 59.1 | 59.9 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.4 |
| 1-300 | 45.1 | 52.8 | 54.1 | 60.2 | 62.9 | 63.4 | 63.8 | 64.7 | 64.8 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.7 |
| 1-200 | 47.1 | 54.1 | 56.1 | 61.5 | 64.1 | 64.7 | 65.0 | 65.9 | 66.1 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.0 |
| 1-100 | 51.1 | 57.4 | 59.0 | 66.3 | 69.4 | 70.3 | 71.2 | 72.4 | 73.0 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.9 |
| 1-000 | 2.1 | 54.9 | 62.5 | 70.8 | 74.6 | 75.6 | 76.5 | 77.9 | 78.6 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.5 |
| 1-900 | 2.5 | 60.4 | 63.1 | 72.4 | 76.3 | 77.4 | 78.4 | 80.7 | 81.8 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 |
| 1-800 | 2.5 | 60.4 | 63.3 | 73.7 | 78.3 | 79.3 | 80.6 | 83.0 | 84.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.5 |
| 1-700 | 2.5 | 61.4 | 63.6 | 74.2 | 79.5 | 80.6 | 82.2 | 85.3 | 86.6 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 88.0 |
| 1-600 | 3.4 | 61.3 | 64.7 | 76.1 | 82.7 | 83.0 | 85.0 | 88.9 | 90.1 | 91.5 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.6 |
| 1-500 | 3.4 | 61.5 | 65.1 | 76.7 | 82.9 | 83.9 | 85.9 | 90.1 | 91.5 | 92.9 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 94.0 |
| 1-400 | 3.5 | 61.7 | 65.2 | 76.9 | 83.0 | 84.1 | 86.2 | 90.5 | 92.0 | 94.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 |
| 1-300 | 3.5 | 61.7 | 65.2 | 76.9 | 83.0 | 84.1 | 86.4 | 91.3 | 93.5 | 95.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.2 |
| 1-200 | 3.5 | 61.7 | 65.2 | 76.9 | 83.0 | 84.1 | 86.6 | 91.9 | 94.2 | 97.0 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.9 |
| 1-100 | 3.5 | 61.7 | 65.2 | 76.9 | 83.0 | 84.1 | 86.6 | 91.9 | 94.2 | 97.0 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.9 |
| 1-000 | 3.5 | 61.7 | 65.2 | 76.9 | 83.0 | 84.1 | 86.6 | 91.9 | 94.2 | 97.0 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS 566

CEILING VERSUS VISIBILITY

100

Now

~~15-C-1700~~

TOTAL NUMBER OF OBSERVATIONS 550

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 40 SCNAEBISCH HALL AAF DL

73-87

NGV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-2-2-22

| CEILING
(FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 17.5 | 21.2 | 22.4 | 26.9 | 28.6 | 28.6 | 31.2 | 31.2 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 |
| 18000 | 11.2 | 25.1 | 27.4 | 32.1 | 33.8 | 33.8 | 35.5 | 36.5 | 36.5 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.4 | 37.4 |
| 16000 | 11.2 | 25.1 | 27.4 | 32.1 | 33.8 | 33.8 | 35.5 | 36.5 | 36.5 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.4 | 37.4 |
| 14000 | 11.2 | 25.1 | 27.4 | 32.1 | 33.8 | 33.8 | 35.7 | 36.7 | 36.7 | 37.4 | 37.4 | 37.4 | 37.4 | 37.6 | 37.6 | 37.6 |
| 12000 | 21.1 | 26.3 | 28.3 | 32.7 | 34.4 | 34.4 | 36.3 | 37.2 | 37.2 | 38.1 | 38.1 | 38.1 | 38.1 | 38.2 | 38.2 | 38.2 |
| 10000 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 8000 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 6000 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 4000 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 2000 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 1000 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 500 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 200 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 100 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 50 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 20 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 10 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 5 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 2 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |
| 1 | 23.1 | 27.6 | 29.3 | 34.2 | 35.9 | 35.9 | 38.1 | 39.1 | 39.1 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 |

TOTAL NUMBER OF OBSERVATIONS 532

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

44-38861-2326

• • • • •

~~52 INCREASES - 5 METERS~~

| |
|------|
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 |
| 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 124

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

U. S. AIR FORCE
 METAC
 AIRCRAFT SERVICE, WAC

CEILING VERSUS VISIBILITY

4 WASHINGTON FIELD, WAC

72-60

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

| | | OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | | | | | |
|------|------|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 250 | 300 | 350 | 400 | |
| 1000 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 900 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 800 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 700 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 600 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 500 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 400 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 300 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 200 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 100 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 50 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 25 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 10 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 5 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 2 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |
| 1 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 35.7 | 36.7 | |

TOTAL NUMBER OF OBSERVATIONS 2678

CEILING VERSUS VISIBILITY

— 2 —

Figure 1

[illegible][illegible]TOTAL NUMBER OF OBSERVATIONS 45

0-14-5 OF A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group.

—

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14.5 POL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

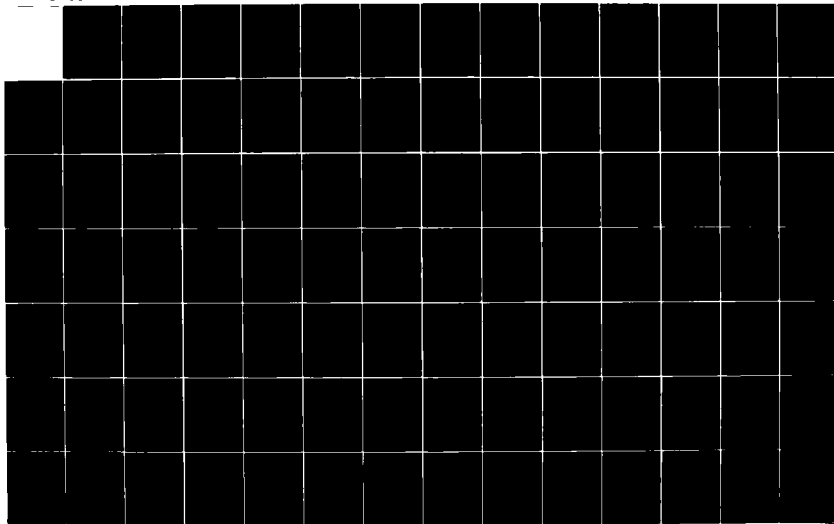
AD-A140 242

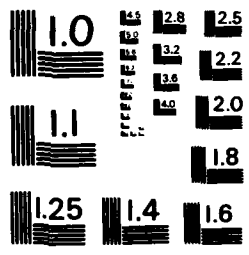
SCHWAEBISCH HALL WEST GERMANY LIMITED SURFACE
OBSERVATIONS CLIMATIC SUMMA.. (U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
25 JAN 84 USAFETAC/DS-84/004 F/G 4/2

3/4

UNCLASSIFIED

NL





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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 7450

SCHWABISCH HALL AAF DL

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1230-1400

| CEILING
FEET | VISIBILITY STATUTE MILES
OR (IN HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 17.1 | 14.5 | 15.0 | 16.6 | 18.6 | 18.9 | 18.9 | 19.1 | 19.1 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.4 | 19.9 |
| ≥ 20000 | 16.3 | 19.1 | 19.9 | 22.4 | 25.1 | 25.4 | 25.7 | 25.9 | 25.9 | 26.1 | 26.1 | 26.1 | 26.1 | 26.2 | 26.2 | 26.7 |
| IV 18000 | 16.3 | 19.1 | 19.9 | 22.4 | 25.1 | 25.4 | 25.7 | 25.9 | 25.9 | 26.1 | 26.1 | 26.1 | 26.1 | 26.2 | 26.2 | 26.7 |
| IV 16000 | 16.3 | 19.1 | 19.9 | 22.4 | 25.1 | 25.4 | 25.7 | 25.9 | 25.9 | 26.1 | 26.1 | 26.1 | 26.1 | 26.2 | 26.2 | 26.7 |
| IV 14000 | 16.3 | 19.8 | 21.8 | 23.3 | 25.9 | 26.2 | 26.6 | 26.7 | 26.7 | 26.9 | 26.9 | 26.9 | 26.9 | 27.1 | 27.1 | 27.6 |
| IV 12000 | 17.9 | 20.9 | 21.9 | 24.6 | 27.2 | 27.6 | 27.9 | 28.1 | 28.1 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.4 | 28.9 |
| IV 10000 | 19.1 | 22.3 | 23.3 | 25.9 | 28.7 | 29.1 | 29.4 | 29.6 | 29.6 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 30.1 | 30.6 |
| IV 9000 | 19.9 | 23.8 | 24.6 | 27.6 | 31.1 | 31.6 | 31.9 | 32.1 | 32.1 | 32.4 | 32.4 | 32.4 | 32.4 | 32.6 | 32.6 | 33.1 |
| IV 8000 | 22.3 | 26.4 | 27.6 | 30.7 | 34.4 | 34.9 | 35.2 | 35.4 | 35.4 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.9 | 36.4 |
| IV 7000 | 23.6 | 27.4 | 28.7 | 32.4 | 36.0 | 36.5 | 36.9 | 37.2 | 37.2 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.7 | 38.2 |
| IV 6000 | 23.9 | 27.7 | 29.1 | 32.7 | 36.4 | 36.9 | 37.2 | 37.5 | 37.5 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 38.0 | 38.5 |
| IV 5000 | 24.7 | 28.9 | 30.4 | 34.7 | 38.8 | 38.9 | 39.2 | 39.5 | 39.5 | 40.0 | 40.2 | 40.2 | 40.2 | 40.4 | 40.4 | 40.9 |
| IV 4500 | 26.7 | 30.9 | 32.4 | 36.7 | 40.4 | 40.9 | 41.7 | 42.0 | 42.0 | 42.5 | 42.7 | 42.7 | 42.7 | 42.9 | 42.9 | 43.4 |
| IV 4000 | 28.6 | 33.1 | 34.4 | 39.8 | 43.8 | 44.0 | 45.0 | 45.3 | 45.3 | 45.8 | 46.0 | 46.0 | 46.0 | 46.2 | 46.2 | 46.7 |
| IV 3500 | 31.1 | 35.7 | 37.2 | 42.5 | 46.5 | 47.3 | 48.3 | 48.7 | 48.7 | 49.2 | 49.3 | 49.3 | 49.3 | 49.3 | 49.5 | 50.0 |
| IV 3000 | 33.2 | 38.7 | 40.2 | 45.5 | 49.5 | 50.3 | 51.5 | 51.8 | 51.8 | 52.3 | 52.5 | 52.5 | 52.5 | 52.7 | 52.7 | 53.2 |
| IV 2500 | 36.4 | 42.5 | 44.2 | 49.8 | 54.5 | 55.3 | 56.8 | 57.1 | 57.1 | 57.6 | 57.8 | 57.8 | 57.8 | 58.0 | 58.0 | 58.5 |
| IV 2000 | 40.7 | 47.3 | 49.0 | 55.0 | 59.8 | 60.6 | 62.5 | 63.0 | 63.0 | 63.5 | 63.6 | 63.6 | 63.6 | 63.8 | 63.8 | 64.3 |
| IV 1800 | 41.7 | 47.8 | 49.5 | 55.6 | 60.5 | 61.3 | 63.1 | 63.6 | 63.6 | 64.3 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 | 65.1 |
| IV 1500 | 45.2 | 53.3 | 55.1 | 62.1 | 67.1 | 67.9 | 69.8 | 70.3 | 70.3 | 71.1 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.9 |
| IV 1200 | 47.2 | 56.0 | 58.0 | 65.4 | 70.6 | 71.4 | 73.4 | 73.9 | 74.3 | 75.1 | 75.4 | 75.4 | 75.4 | 75.6 | 75.6 | 76.1 |
| IV 1000 | 48.7 | 58.5 | 60.6 | 69.8 | 75.6 | 76.7 | 79.4 | 81.1 | 81.4 | 82.2 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 83.2 |
| IV 900 | 46.8 | 58.8 | 61.1 | 70.8 | 76.6 | 77.7 | 80.7 | 82.4 | 82.7 | 83.6 | 83.9 | 83.9 | 83.9 | 84.1 | 84.1 | 84.6 |
| IV 800 | 49.3 | 59.3 | 62.0 | 73.1 | 79.1 | 80.7 | 83.9 | 85.7 | 86.0 | 86.9 | 87.4 | 87.4 | 87.4 | 87.5 | 87.7 | 88.2 |
| IV 700 | 49.3 | 59.3 | 62.0 | 73.1 | 79.1 | 80.7 | 83.9 | 85.7 | 86.0 | 86.9 | 87.4 | 87.4 | 87.4 | 87.5 | 87.7 | 88.2 |
| IV 600 | 49.3 | 59.3 | 62.0 | 73.1 | 79.1 | 80.7 | 83.9 | 85.7 | 86.0 | 86.9 | 87.4 | 87.4 | 87.4 | 87.5 | 87.7 | 88.2 |
| IV 500 | 49.3 | 59.3 | 62.0 | 73.1 | 79.1 | 80.7 | 83.9 | 85.7 | 86.0 | 86.9 | 87.4 | 87.4 | 87.4 | 87.5 | 87.7 | 88.2 |
| IV 400 | 49.3 | 59.3 | 62.0 | 73.1 | 79.1 | 80.7 | 83.9 | 85.7 | 86.0 | 86.9 | 87.4 | 87.4 | 87.4 | 87.5 | 87.7 | 88.2 |
| IV 300 | 49.3 | 59.3 | 62.0 | 73.1 | 79.1 | 80.7 | 83.9 | 85.7 | 86.0 | 86.9 | 87.4 | 87.4 | 87.4 | 87.5 | 87.7 | 88.2 |
| IV 200 | 49.3 | 59.3 | 62.0 | 73.1 | 79.1 | 80.7 | 83.9 | 85.7 | 86.0 | 86.9 | 87.4 | 87.4 | 87.4 | 87.5 | 87.7 | 88.2 |
| IV 100 | 49.3 | 59.3 | 62.0 | 73.1 | 79.1 | 80.7 | 83.9 | 85.7 | 86.0 | 86.9 | 87.4 | 87.4 | 87.4 | 87.5 | 87.7 | 88.2 |
| IV 0 | 49.3 | 59.3 | 62.0 | 73.1 | 79.1 | 80.7 | 83.9 | 85.7 | 86.0 | 86.9 | 87.4 | 87.4 | 87.4 | 87.5 | 87.7 | 88.2 |

TOTAL NUMBER OF OBSERVATIONS 602

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

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 050
STATION

SCHWABISCH HALL AAF DL
STATION NAME

73-82
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

| CEILING
FEET | VISIBILITY STATUTE MILES
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|--------|--------|------|------|------|-------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 1/2 | ≥1 1/4 | ≥1 | ≥3/4 | ≥3/8 | ≥3/16 | ≥1/8 | ≥1/16 | ≥0 |
| | GT9 | EQ90 | GE80 | GE60 | GE40 | GE20 | GE32 | GE24 | GE20 | GE16 | GE12 | GE10 | GE08 | GE05 | GE04 | GE00 |
| NO CEILING | 13.9 | 15.8 | 17.2 | 19.0 | 21.4 | 20.6 | 21.1 | 21.3 | 21.4 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 |
| ≥ 20000 | 13.9 | 19.5 | 21.1 | 23.2 | 25.3 | 25.5 | 26.2 | 26.4 | 26.5 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.9 |
| ≥ 18000 | 16.9 | 19.5 | 21.1 | 23.2 | 25.3 | 25.5 | 26.2 | 26.4 | 26.5 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.9 |
| ≥ 16000 | 16.9 | 19.5 | 21.1 | 23.2 | 25.3 | 25.5 | 26.2 | 26.4 | 26.5 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.9 |
| ≥ 14000 | 17.8 | 2.4 | 22.7 | 24.1 | 26.2 | 26.4 | 27.1 | 27.2 | 27.4 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.8 |
| ≥ 12000 | 18.1 | 21.3 | 22.9 | 25.1 | 27.2 | 27.4 | 28.3 | 28.5 | 28.8 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.2 |
| ≥ 10000 | 20.0 | 23.4 | 25.1 | 27.8 | 30.1 | 30.4 | 31.3 | 31.5 | 31.8 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.2 |
| ≥ 9000 | 1.1 | 24.6 | 26.4 | 29.7 | 32.0 | 32.3 | 33.2 | 33.6 | 33.9 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.3 |
| ≥ 8000 | 23.4 | 27.4 | 29.3 | 32.7 | 35.0 | 35.3 | 36.2 | 36.6 | 36.9 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.3 |
| ≥ 7000 | 24.9 | 28.8 | 30.8 | 34.3 | 36.6 | 36.9 | 37.8 | 38.1 | 38.5 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.8 |
| ≥ 6000 | 24.9 | 28.8 | 30.8 | 34.3 | 36.6 | 36.9 | 37.8 | 38.1 | 38.5 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.8 |
| ≥ 5000 | 25.7 | 29.9 | 31.8 | 35.9 | 38.1 | 38.5 | 39.4 | 39.7 | 40.1 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.4 |
| ≥ 4500 | 26.7 | 30.9 | 32.9 | 37.3 | 39.5 | 40.1 | 41.1 | 41.5 | 41.8 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.2 |
| ≥ 4000 | 27.1 | 32.2 | 34.1 | 39.2 | 41.7 | 42.4 | 43.8 | 44.3 | 44.6 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 45.0 |
| ≥ 3500 | 31.3 | 35.5 | 37.4 | 42.7 | 45.7 | 46.4 | 47.8 | 48.5 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.2 |
| ≥ 3000 | 34.4 | 39.0 | 41.9 | 46.6 | 49.6 | 50.3 | 51.7 | 52.4 | 52.7 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 53.1 |
| ≥ 2500 | 38.7 | 43.8 | 45.9 | 52.4 | 55.4 | 56.1 | 57.5 | 58.2 | 58.5 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.9 |
| ≥ 2000 | 42.5 | 48.0 | 50.3 | 57.8 | 60.8 | 61.5 | 63.4 | 64.5 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 |
| ≥ 1800 | 43.4 | 49.7 | 51.3 | 59.4 | 62.4 | 63.1 | 65.0 | 66.1 | 66.4 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.0 |
| ≥ 1500 | 45.7 | 52.7 | 55.4 | 64.1 | 67.1 | 67.8 | 69.8 | 71.0 | 71.5 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.4 |
| ≥ 1200 | 46.9 | 54.5 | 57.6 | 67.3 | 70.7 | 71.4 | 73.3 | 74.9 | 75.4 | 75.9 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.4 |
| ≥ 1000 | 47.1 | 55.2 | 58.7 | 68.9 | 72.9 | 73.6 | 75.7 | 77.9 | 78.4 | 79.1 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.8 |
| ≥ 900 | 48.2 | 57.3 | 60.8 | 71.0 | 75.4 | 76.1 | 79.3 | 81.5 | 82.1 | 82.8 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.5 |
| ≥ 800 | 48.5 | 58.3 | 61.9 | 73.1 | 77.7 | 78.6 | 81.9 | 84.4 | 85.4 | 86.3 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.2 |
| ≥ 700 | 48.9 | 58.9 | 62.6 | 74.7 | 79.6 | 80.5 | 84.5 | 87.7 | 88.8 | 89.6 | 90.5 | 90.9 | 91.7 | 91.7 | 91.7 | 91.9 |
| ≥ 600 | 48.9 | 58.9 | 62.6 | 74.9 | 79.8 | 80.7 | 85.1 | 89.1 | 90.3 | 91.2 | 92.1 | 92.4 | 93.3 | 93.3 | 93.3 | 93.5 |
| ≥ 500 | 48.9 | 58.9 | 62.6 | 74.9 | 80.0 | 81.0 | 85.9 | 90.2 | 91.4 | 92.3 | 93.1 | 93.7 | 94.7 | 94.7 | 94.7 | 94.9 |
| ≥ 400 | 48.9 | 58.9 | 62.6 | 74.9 | 80.0 | 81.0 | 86.5 | 91.9 | 93.5 | 95.4 | 96.3 | 97.0 | 98.4 | 98.4 | 98.4 | 98.6 |
| ≥ 300 | 48.9 | 58.9 | 62.6 | 74.9 | 80.0 | 81.0 | 86.5 | 91.9 | 93.5 | 95.8 | 96.7 | 97.9 | 99.3 | 99.3 | 99.3 | 99.5 |
| ≥ 200 | 48.9 | 58.9 | 62.6 | 74.9 | 80.0 | 81.0 | 86.5 | 91.9 | 93.5 | 95.8 | 96.7 | 97.9 | 99.3 | 99.3 | 99.3 | 99.5 |
| ≥ 100 | 48.9 | 58.9 | 62.6 | 74.9 | 80.0 | 81.0 | 86.5 | 91.9 | 93.5 | 95.8 | 96.7 | 97.9 | 99.3 | 99.3 | 99.3 | 99.5 |
| ≥ 0 | 48.9 | 58.9 | 62.6 | 74.9 | 80.0 | 81.0 | 86.5 | 91.9 | 93.5 | 96.0 | 96.8 | 98.1 | 99.5 | 99.5 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 562

GLOBAL CLIMATOLOGY BRANCH
FAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 7857 SCHWAEBISCH HALL AAF DL

73-82

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING
FEET | VISIBILITY (STATUTE MILES)
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|-----------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING
≥ 20000 | 11.9 | 14.1 | 17.0 | 19.1 | 21.7 | 22.0 | 22.3 | 22.5 | 22.8 | 23.1 | 23.1 | 23.1 | 23.1 | 23.1 | 23.3 | 23.3 |
| IV 18000 | 12.7 | 14.9 | 17.8 | 20.7 | 22.5 | 23.6 | 23.9 | 24.1 | 24.4 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.9 | 24.9 |
| IV 16000 | 12.7 | 14.9 | 17.8 | 20.7 | 22.5 | 23.6 | 23.9 | 24.1 | 24.4 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.9 | 24.9 |
| IV 14000 | 17.3 | 15.4 | 18.3 | 21.2 | 23.1 | 24.1 | 24.4 | 24.7 | 24.9 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.5 | 25.5 |
| IV 12000 | 14.1 | 16.2 | 19.1 | 22.3 | 24.1 | 25.2 | 25.5 | 25.7 | 26.0 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.5 | 26.5 |
| IV 10000 | 15.9 | 18.3 | 21.2 | 24.4 | 26.3 | 27.3 | 27.6 | 27.9 | 28.1 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.6 | 28.6 |
| IV 9000 | 16.4 | 19.1 | 22.0 | 25.7 | 27.9 | 29.2 | 29.7 | 30.0 | 30.2 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.8 | 30.8 |
| IV 8000 | 18.8 | 22.0 | 24.9 | 28.6 | 30.8 | 32.1 | 32.9 | 33.2 | 33.4 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 34.0 | 34.0 |
| IV 7000 | 19.9 | 24.1 | 27.1 | 30.8 | 33.8 | 34.7 | 35.5 | 35.8 | 36.1 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.6 | 36.6 |
| IV 6000 | 20.4 | 24.7 | 27.6 | 31.3 | 34.0 | 35.3 | 36.1 | 36.3 | 36.6 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 37.1 | 37.1 |
| IV 5000 | 21.5 | 25.7 | 28.6 | 32.9 | 35.5 | 36.9 | 37.9 | 38.2 | 38.5 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 39.0 | 39.0 |
| IV 4500 | 23.3 | 26.1 | 31.0 | 35.3 | 37.9 | 39.3 | 40.3 | 40.6 | 40.8 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.4 | 41.4 |
| IV 4000 | 24.7 | 27.0 | 32.9 | 38.2 | 40.8 | 42.2 | 43.0 | 43.3 | 43.6 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 44.1 | 44.1 |
| IV 3500 | 26.5 | 32.1 | 35.3 | 40.6 | 43.2 | 44.6 | 46.4 | 46.9 | 47.2 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.7 | 47.7 |
| IV 3000 | 27.9 | 34.7 | 38.2 | 43.5 | 46.7 | 48.0 | 50.1 | 50.7 | 50.9 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.5 | 51.5 |
| IV 2500 | 30.3 | 36.7 | 42.2 | 48.5 | 51.7 | 53.3 | 55.7 | 56.2 | 56.5 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 57.0 | 57.0 |
| IV 2000 | 31.8 | 41.1 | 44.6 | 52.8 | 56.0 | 57.6 | 59.9 | 60.5 | 61.0 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.5 | 61.5 |
| IV 1800 | 32.7 | 42.2 | 46.2 | 54.6 | 57.8 | 59.7 | 62.3 | 62.9 | 63.4 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.2 | 64.2 |
| IV 1500 | 34.7 | 45.9 | 50.4 | 59.7 | 63.9 | 66.0 | 69.0 | 69.5 | 70.0 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.6 | 71.6 |
| IV 1200 | 35.5 | 47.2 | 52.8 | 63.4 | 68.7 | 70.8 | 74.3 | 75.1 | 75.6 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.5 | 77.5 |
| IV 1000 | 36.1 | 48.0 | 54.4 | 67.1 | 72.4 | 74.5 | 78.2 | 79.0 | 80.4 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 |
| IV 900 | 36.6 | 49.3 | 55.7 | 68.4 | 73.7 | 75.9 | 80.4 | 82.0 | 83.3 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.4 | 85.4 |
| IV 800 | 36.9 | 49.6 | 56.5 | 69.8 | 75.1 | 77.2 | 82.2 | 84.1 | 86.2 | 88.1 | 88.9 | 88.9 | 88.9 | 88.9 | 89.1 | 89.1 |
| IV 700 | 36.9 | 49.6 | 56.5 | 71.3 | 75.6 | 77.7 | 83.0 | 85.7 | 88.3 | 90.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.8 | 91.8 |
| IV 600 | 36.9 | 49.6 | 56.5 | 72.8 | 76.1 | 78.2 | 83.6 | 88.1 | 90.7 | 93.6 | 94.7 | 94.7 | 94.7 | 94.7 | 95.0 | 95.0 |
| IV 500 | 36.9 | 49.6 | 56.5 | 70.8 | 76.4 | 78.5 | 83.8 | 88.3 | 91.2 | 94.7 | 95.8 | 95.8 | 95.8 | 95.8 | 96.3 | 96.3 |
| IV 400 | 36.9 | 49.6 | 56.5 | 70.8 | 76.7 | 78.8 | 84.1 | 88.6 | 91.8 | 96.3 | 97.9 | 97.9 | 97.9 | 97.9 | 98.4 | 98.4 |
| IV 300 | 36.9 | 49.6 | 56.5 | 70.8 | 76.7 | 78.8 | 84.1 | 88.9 | 92.0 | 96.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.9 | 98.9 |
| IV 200 | 36.9 | 49.6 | 56.5 | 70.8 | 76.7 | 78.8 | 84.1 | 88.9 | 92.0 | 96.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.9 | 98.9 |
| IV 100 | 36.9 | 49.6 | 56.5 | 70.8 | 76.7 | 78.8 | 84.1 | 88.9 | 92.0 | 96.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.9 | 98.9 |
| IV 0 | 36.9 | 49.6 | 56.5 | 70.8 | 76.7 | 78.8 | 84.1 | 88.9 | 92.0 | 96.8 | 98.4 | 98.4 | 98.4 | 98.4 | 99.2 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 177

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 7450

SCHWAEBISCH HALL AAF DL

76-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

| CEILING
FEET | VISIBILITY (STATUTE MILES)
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|-----------------|---|------------|------------|------------|------------|--------------|------------|--------------|------------|-------------|-------------|-------------|--------------|-------------|--------------|------------|
| | ≥10
GT9 | ≥6
EG90 | ≥5
GF87 | ≥4
GF60 | ≥3
GF48 | ≥2.5
GF40 | ≥2
GF32 | ≥1.5
GF24 | ≥1
GF20 | ≥.5
GF16 | ≥.4
GF12 | ≥.3
GF10 | ≥.25
GF80 | ≥.2
GF65 | ≥.15
GF40 | ≥.1
GF0 |
| NO CEILING | 14.5 | 17.1 | 18.4 | 22.4 | 25.7 | 27.6 | 28.9 | 28.9 | 31.3 | 30.3 | 31.3 | 31.3 | 30.3 | 31.3 | 30.3 | 30.3 |
| ≥ 20000 | 17.1 | 19.7 | 21.1 | 25.0 | 27.6 | 30.3 | 31.6 | 31.6 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 |
| ≥ 18000 | 17.1 | 19.7 | 21.1 | 25.0 | 27.6 | 30.3 | 31.6 | 31.6 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 |
| ≥ 16000 | 17.1 | 19.7 | 21.1 | 26.3 | 28.9 | 31.6 | 32.9 | 32.9 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| ≥ 14000 | 17.1 | 19.7 | 21.1 | 26.3 | 28.9 | 31.6 | 32.9 | 32.9 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| ≥ 12000 | 17.1 | 19.7 | 21.1 | 26.3 | 28.9 | 31.6 | 32.9 | 32.9 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| ≥ 10000 | 18.4 | 21.1 | 22.4 | 27.6 | 30.3 | 32.9 | 34.2 | 34.2 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 |
| ≥ 9000 | 19.7 | 22.4 | 23.7 | 28.9 | 31.6 | 34.2 | 35.5 | 35.5 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 |
| ≥ 8000 | 19.7 | 23.7 | 25.0 | 30.3 | 32.9 | 35.5 | 36.8 | 36.8 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 |
| ≥ 7000 | 1.1 | 25.0 | 26.3 | 31.6 | 35.5 | 38.2 | 39.5 | 39.5 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| ≥ 6000 | 22.4 | 26.3 | 27.6 | 32.9 | 36.8 | 39.5 | 40.8 | 40.8 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| ≥ 5000 | 25.0 | 28.9 | 30.3 | 36.8 | 40.8 | 43.4 | 46.1 | 46.1 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| ≥ 4500 | 27.6 | 31.6 | 32.9 | 39.5 | 43.4 | 46.1 | 48.7 | 48.7 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| ≥ 4000 | 30.3 | 34.2 | 36.8 | 43.4 | 47.4 | 50.0 | 53.9 | 53.9 | 56.6 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 3500 | 32.9 | 36.8 | 39.5 | 47.4 | 51.3 | 53.9 | 57.9 | 57.9 | 60.5 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 3000 | 32.9 | 36.8 | 39.5 | 48.7 | 53.9 | 56.6 | 60.5 | 60.5 | 63.2 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 2500 | 35.5 | 40.8 | 43.4 | 53.9 | 59.2 | 61.8 | 65.8 | 67.1 | 69.7 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 2000 | 36.8 | 42.1 | 44.7 | 55.3 | 60.5 | 63.2 | 67.1 | 68.4 | 71.1 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 1800 | 38.2 | 43.4 | 46.1 | 57.9 | 63.2 | 65.8 | 69.7 | 71.1 | 75.0 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 1500 | 38.2 | 46.1 | 50.0 | 63.2 | 68.4 | 71.1 | 76.3 | 77.6 | 81.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 1200 | 38.2 | 46.1 | 50.0 | 64.5 | 69.7 | 72.4 | 77.6 | 78.9 | 84.2 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 1000 | 39.5 | 48.7 | 52.6 | 71.1 | 76.3 | 78.9 | 84.2 | 85.5 | 90.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 900 | 39.5 | 48.7 | 52.6 | 71.1 | 76.3 | 78.9 | 84.2 | 88.2 | 93.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 800 | 39.5 | 48.7 | 52.6 | 72.4 | 77.6 | 80.3 | 85.5 | 89.5 | 94.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 700 | 39.5 | 48.7 | 52.6 | 72.4 | 77.6 | 80.3 | 85.5 | 89.5 | 94.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 600 | 39.5 | 48.7 | 52.6 | 72.4 | 77.6 | 80.3 | 85.5 | 90.8 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 39.5 | 48.7 | 52.6 | 72.4 | 77.6 | 80.3 | 85.5 | 90.8 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 400 | 39.5 | 48.7 | 52.6 | 72.4 | 77.6 | 80.3 | 85.5 | 90.8 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | 39.5 | 48.7 | 52.6 | 72.4 | 77.6 | 80.3 | 85.5 | 90.8 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 39.5 | 48.7 | 52.6 | 72.4 | 77.6 | 80.3 | 85.5 | 90.8 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 100 | 39.5 | 48.7 | 52.6 | 72.4 | 77.6 | 80.3 | 85.5 | 90.8 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 39.5 | 48.7 | 52.6 | 72.4 | 77.6 | 80.3 | 85.5 | 90.8 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 74

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17450 SCHWABISCH HALL AAF DL

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING
FEET | VISIBILITY / STATUTE MILES
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅓ | ≥⅒ | ≥0 |
| | GT97 | FG97 | GE80 | GE60 | GE48 | GE40 | GE32 | GE24 | GE20 | GE16 | GE12 | GE10 | GE08 | GE05 | GE04 | GE0 |
| NO CEILING | 17.3 | 14.3 | 15.6 | 18.2 | 19.5 | 20.0 | 20.5 | 20.8 | 21.0 | 21.2 | 21.2 | 21.2 | 21.2 | 21.3 | 21.3 | 21.6 |
| IV 20000 | 17.2 | 17.5 | 19.0 | 22.1 | 23.9 | 24.4 | 25.0 | 25.4 | 25.6 | 25.9 | 26.0 | 26.0 | 26.0 | 26.1 | 26.1 | 26.4 |
| IV 18000 | 15.2 | 17.5 | 19.0 | 22.1 | 23.9 | 24.4 | 25.0 | 25.4 | 25.6 | 25.9 | 26.0 | 26.0 | 26.0 | 26.1 | 26.1 | 26.4 |
| IV 16000 | 15.2 | 17.5 | 19.1 | 22.1 | 24.0 | 24.4 | 25.1 | 25.4 | 25.7 | 26.0 | 26.0 | 26.0 | 26.0 | 26.1 | 26.2 | 26.5 |
| IV 14000 | 15.7 | 18.1 | 19.7 | 22.8 | 24.6 | 25.1 | 25.7 | 26.1 | 26.3 | 26.6 | 26.6 | 26.6 | 26.6 | 26.7 | 26.8 | 27.1 |
| IV 12000 | 16.3 | 18.8 | 20.4 | 23.6 | 25.4 | 25.9 | 26.4 | 27.0 | 27.2 | 27.6 | 27.6 | 27.6 | 27.6 | 27.7 | 27.8 | 28.0 |
| IV 10000 | 17.5 | 20.2 | 21.9 | 25.2 | 27.1 | 27.7 | 28.4 | 28.8 | 29.1 | 29.4 | 29.5 | 29.5 | 29.5 | 29.6 | 29.7 | 29.9 |
| IV 9000 | 18.5 | 21.5 | 23.2 | 26.9 | 29.0 | 29.6 | 30.4 | 30.9 | 31.1 | 31.5 | 31.5 | 31.5 | 31.6 | 31.6 | 31.7 | 32.0 |
| IV 8000 | 20.9 | 24.3 | 26.1 | 30.1 | 32.3 | 33.0 | 33.9 | 34.3 | 34.6 | 34.9 | 35.0 | 35.0 | 35.0 | 35.1 | 35.1 | 35.4 |
| IV 7000 | 21.7 | 25.4 | 27.2 | 31.3 | 33.7 | 34.4 | 35.3 | 35.8 | 36.1 | 36.5 | 36.5 | 36.5 | 36.5 | 36.6 | 36.7 | 37.0 |
| IV 6000 | 22.7 | 25.7 | 27.5 | 31.6 | 34.0 | 34.7 | 35.6 | 36.1 | 36.4 | 36.8 | 36.8 | 36.8 | 36.9 | 36.9 | 37.0 | 37.3 |
| IV 5000 | 23.1 | 27.0 | 29.0 | 33.6 | 36.1 | 36.9 | 37.9 | 38.4 | 38.7 | 39.1 | 39.2 | 39.2 | 39.2 | 39.3 | 39.4 | 39.7 |
| IV 4500 | 24.6 | 28.8 | 30.8 | 35.5 | 37.9 | 38.7 | 39.9 | 40.5 | 40.8 | 41.2 | 41.3 | 41.3 | 41.3 | 41.4 | 41.4 | 41.7 |
| IV 4000 | 24.4 | 30.9 | 33.0 | 38.0 | 40.6 | 41.5 | 43.0 | 43.7 | 44.0 | 44.4 | 44.5 | 44.5 | 44.6 | 44.7 | 44.8 | 45.1 |
| IV 3500 | 29.1 | 33.8 | 36.2 | 41.6 | 44.5 | 45.4 | 46.9 | 47.6 | 47.9 | 48.3 | 48.4 | 48.5 | 48.5 | 48.6 | 48.7 | 49.1 |
| IV 3000 | 32.4 | 37.7 | 41.4 | 45.9 | 49.0 | 49.9 | 51.5 | 52.3 | 52.6 | 53.0 | 53.1 | 53.2 | 53.2 | 53.3 | 53.5 | 53.8 |
| IV 2500 | 34.9 | 40.9 | 43.6 | 49.6 | 52.8 | 53.7 | 55.5 | 56.4 | 56.7 | 57.2 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 58.0 |
| IV 2000 | 38.3 | 45.1 | 47.9 | 54.7 | 58.1 | 59.1 | 61.2 | 62.2 | 62.5 | 63.0 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.8 |
| IV 1800 | 39.0 | 46.0 | 48.9 | 55.9 | 59.4 | 60.4 | 62.5 | 63.5 | 63.9 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 65.3 |
| IV 1500 | 41.9 | 50.2 | 53.6 | 61.2 | 64.9 | 66.0 | 68.4 | 69.6 | 70.0 | 70.7 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.7 |
| IV 1200 | 43.3 | 52.4 | 56.0 | 64.5 | 68.6 | 69.8 | 72.4 | 73.9 | 74.5 | 75.4 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.4 |
| IV 1000 | 44.2 | 53.8 | 57.8 | 67.3 | 71.9 | 73.1 | 76.2 | 78.2 | 78.9 | 79.8 | 80.1 | 80.3 | 80.5 | 80.6 | 80.7 | 81.1 |
| IV 900 | 44.7 | 54.8 | 58.8 | 68.6 | 73.3 | 74.6 | 78.1 | 80.4 | 81.1 | 82.1 | 82.3 | 82.6 | 82.7 | 82.8 | 83.0 | 83.3 |
| IV 800 | 44.9 | 55.2 | 59.5 | 70.3 | 75.2 | 76.6 | 80.5 | 83.1 | 84.1 | 85.1 | 85.7 | 86.0 | 86.1 | 86.2 | 86.3 | 86.8 |
| IV 700 | 45.0 | 55.3 | 59.7 | 71.1 | 76.2 | 77.8 | 82.0 | 85.1 | 86.5 | 87.6 | 88.3 | 88.6 | 88.9 | 89.1 | 89.3 | 89.6 |
| IV 600 | 45.1 | 55.3 | 59.7 | 71.5 | 76.7 | 78.4 | 82.9 | 86.8 | 88.2 | 89.7 | 90.4 | 90.6 | 91.0 | 91.3 | 91.5 | 91.8 |
| IV 500 | 45.2 | 55.5 | 59.9 | 71.9 | 77.5 | 79.3 | 84.1 | 88.1 | 89.7 | 91.3 | 92.0 | 92.3 | 92.7 | 93.1 | 93.3 | 93.7 |
| IV 400 | 45.2 | 55.6 | 60.0 | 72.0 | 77.8 | 79.7 | 84.9 | 89.6 | 91.9 | 94.0 | 94.7 | 95.1 | 95.4 | 95.6 | 95.7 | 96.0 |
| IV 300 | 45.2 | 55.6 | 60.0 | 72.0 | 77.8 | 79.7 | 85.0 | 89.7 | 92.4 | 94.7 | 95.5 | 96.0 | 96.6 | 97.2 | 97.4 | 97.9 |
| IV 200 | 45.2 | 55.6 | 60.0 | 72.0 | 77.8 | 79.7 | 85.0 | 89.7 | 92.4 | 94.8 | 95.7 | 96.2 | 96.9 | 97.7 | 98.1 | 98.9 |
| IV 100 | 45.2 | 55.6 | 60.0 | 72.0 | 77.8 | 79.7 | 85.0 | 89.7 | 92.4 | 94.8 | 95.7 | 96.2 | 96.9 | 97.8 | 98.4 | 99.7 |
| IV 0 | 45.2 | 55.6 | 60.0 | 72.0 | 77.8 | 79.7 | 85.0 | 89.7 | 92.4 | 94.9 | 95.8 | 96.3 | 97.0 | 98.0 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2778

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 1450 SCHWABISCH HALL AAF DL

73-83

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING
FEET | VISIBILITY (STATUTE MILES)
OR (HUNDREDS OF METERS) | | | | | | | | | | | | | | | |
|-----------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|---------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| | GT9.0 | EQ9.0 | GF8.0 | GF6.0 | GF4.0 | GF3.0 | GF2.0 | GF1.5 | GF1.0 | GF0.5 | GF0.25 | GF0.15 | GF0.1 | GF0.05 | GF0.025 | GF0.01 |
| NO CEILING | 22.9 | 28.1 | 29.0 | 31.7 | 32.6 | 32.8 | 33.5 | 34.2 | 34.3 | 34.6 | 34.6 | 34.7 | 34.7 | 34.8 | 34.9 | 35.2 |
| ≥ 20000 | 27.4 | 33.4 | 34.5 | 37.6 | 38.7 | 39.0 | 39.8 | 40.5 | 40.7 | 41.0 | 41.0 | 41.1 | 41.1 | 41.3 | 41.4 | 41.8 |
| ≥ 18000 | 27.5 | 33.5 | 34.6 | 37.7 | 38.8 | 39.1 | 40.0 | 40.7 | 40.9 | 41.1 | 41.2 | 41.3 | 41.3 | 41.4 | 41.6 | 41.9 |
| ≥ 16000 | 27.6 | 33.6 | 34.8 | 37.9 | 39.0 | 39.3 | 40.2 | 40.9 | 41.1 | 41.3 | 41.4 | 41.5 | 41.5 | 41.6 | 41.8 | 42.1 |
| IV 14000 | 27.7 | 33.7 | 34.9 | 38.0 | 39.1 | 39.4 | 40.3 | 41.0 | 41.2 | 41.4 | 41.5 | 41.6 | 41.6 | 41.7 | 41.9 | 42.2 |
| IV 12000 | 27.8 | 33.8 | 35.0 | 38.1 | 39.2 | 39.5 | 40.4 | 41.1 | 41.3 | 41.5 | 41.6 | 41.7 | 41.7 | 41.8 | 42.0 | 42.3 |
| IV 10000 | 27.9 | 33.9 | 35.1 | 38.2 | 39.3 | 39.6 | 40.5 | 41.2 | 41.4 | 41.6 | 41.7 | 41.8 | 41.8 | 41.9 | 42.1 | 42.4 |
| IV 9000 | 28.0 | 34.0 | 35.2 | 38.3 | 39.4 | 39.7 | 40.6 | 41.3 | 41.5 | 41.7 | 41.8 | 41.9 | 41.9 | 42.0 | 42.2 | 42.5 |
| IV 8000 | 28.1 | 34.1 | 35.3 | 38.4 | 39.5 | 39.8 | 40.7 | 41.4 | 41.6 | 41.8 | 41.9 | 42.0 | 42.0 | 42.1 | 42.3 | 42.6 |
| IV 7000 | 28.2 | 34.2 | 35.4 | 38.5 | 39.6 | 39.9 | 40.8 | 41.5 | 41.7 | 41.9 | 42.0 | 42.1 | 42.1 | 42.2 | 42.4 | 42.7 |
| IV 6000 | 28.3 | 34.3 | 35.5 | 38.6 | 39.7 | 40.0 | 40.9 | 41.6 | 41.8 | 42.0 | 42.1 | 42.2 | 42.2 | 42.3 | 42.5 | 42.8 |
| IV 5000 | 28.4 | 34.4 | 35.6 | 38.7 | 39.8 | 40.1 | 41.0 | 41.7 | 41.9 | 42.1 | 42.2 | 42.3 | 42.3 | 42.4 | 42.6 | 42.9 |
| IV 4500 | 28.5 | 34.5 | 35.7 | 38.8 | 39.9 | 40.2 | 41.1 | 41.8 | 42.0 | 42.2 | 42.3 | 42.4 | 42.4 | 42.5 | 42.7 | 43.0 |
| IV 4000 | 28.6 | 34.6 | 35.8 | 38.9 | 40.0 | 40.3 | 41.2 | 41.9 | 42.1 | 42.3 | 42.4 | 42.5 | 42.5 | 42.6 | 42.8 | 43.1 |
| IV 3500 | 28.7 | 34.7 | 35.9 | 39.0 | 40.1 | 40.4 | 41.3 | 42.0 | 42.2 | 42.4 | 42.5 | 42.6 | 42.6 | 42.7 | 42.9 | 43.2 |
| IV 3000 | 28.8 | 34.8 | 36.0 | 39.1 | 40.2 | 40.5 | 41.4 | 42.1 | 42.3 | 42.5 | 42.6 | 42.7 | 42.7 | 42.8 | 43.0 | 43.3 |
| IV 2500 | 28.9 | 34.9 | 36.1 | 39.2 | 40.3 | 40.6 | 41.5 | 42.2 | 42.4 | 42.6 | 42.7 | 42.8 | 42.8 | 42.9 | 43.1 | 43.4 |
| IV 2000 | 29.0 | 35.0 | 36.2 | 39.3 | 40.4 | 40.7 | 41.6 | 42.3 | 42.5 | 42.7 | 42.8 | 42.9 | 42.9 | 43.0 | 43.2 | 43.5 |
| IV 1800 | 29.1 | 35.1 | 36.3 | 39.4 | 40.5 | 40.8 | 41.7 | 42.4 | 42.6 | 42.8 | 42.9 | 43.0 | 43.0 | 43.1 | 43.3 | 43.6 |
| IV 1500 | 29.2 | 35.2 | 36.4 | 39.5 | 40.6 | 40.9 | 41.8 | 42.5 | 42.7 | 42.9 | 43.0 | 43.1 | 43.1 | 43.2 | 43.4 | 43.7 |
| IV 1200 | 29.3 | 35.3 | 36.5 | 39.6 | 40.7 | 41.0 | 41.9 | 42.6 | 42.8 | 43.0 | 43.1 | 43.2 | 43.2 | 43.3 | 43.5 | 43.8 |
| IV 1000 | 29.4 | 35.4 | 36.6 | 39.7 | 40.8 | 41.1 | 42.0 | 42.7 | 42.9 | 43.1 | 43.2 | 43.3 | 43.3 | 43.4 | 43.6 | 43.9 |
| IV 900 | 29.5 | 35.5 | 36.7 | 39.8 | 40.9 | 41.2 | 42.1 | 42.8 | 43.0 | 43.2 | 43.3 | 43.4 | 43.4 | 43.5 | 43.7 | 44.0 |
| IV 800 | 29.6 | 35.6 | 36.8 | 39.9 | 41.0 | 41.3 | 42.2 | 42.9 | 43.1 | 43.3 | 43.4 | 43.5 | 43.5 | 43.6 | 43.8 | 44.1 |
| IV 700 | 29.7 | 35.7 | 36.9 | 40.0 | 41.1 | 41.4 | 42.3 | 43.0 | 43.2 | 43.4 | 43.5 | 43.6 | 43.6 | 43.7 | 43.9 | 44.2 |
| IV 600 | 29.8 | 35.8 | 37.0 | 40.1 | 41.2 | 41.5 | 42.4 | 43.1 | 43.3 | 43.5 | 43.6 | 43.7 | 43.7 | 43.8 | 44.0 | 44.3 |
| IV 500 | 29.9 | 35.9 | 37.1 | 40.2 | 41.3 | 41.6 | 42.5 | 43.2 | 43.4 | 43.6 | 43.7 | 43.8 | 43.8 | 43.9 | 44.1 | 44.4 |
| IV 400 | 30.0 | 36.0 | 37.2 | 40.3 | 41.4 | 41.7 | 42.6 | 43.3 | 43.5 | 43.7 | 43.8 | 43.9 | 43.9 | 44.0 | 44.2 | 44.5 |
| IV 300 | 30.1 | 36.1 | 37.3 | 40.4 | 41.5 | 41.8 | 42.7 | 43.4 | 43.6 | 43.8 | 43.9 | 44.0 | 44.0 | 44.1 | 44.3 | 44.6 |
| IV 200 | 30.2 | 36.2 | 37.4 | 40.5 | 41.6 | 41.9 | 42.8 | 43.5 | 43.7 | 43.9 | 44.0 | 44.1 | 44.1 | 44.2 | 44.4 | 44.7 |
| IV 100 | 30.3 | 36.3 | 37.5 | 40.6 | 41.7 | 42.0 | 42.9 | 43.6 | 43.8 | 44.0 | 44.1 | 44.2 | 44.2 | 44.3 | 44.5 | 44.8 |
| IV 0 | 30.4 | 36.4 | 37.6 | 40.7 | 41.8 | 42.1 | 43.0 | 43.7 | 43.9 | 44.1 | 44.2 | 44.3 | 44.3 | 44.4 | 44.6 | 44.9 |

TOTAL NUMBER OF OBSERVATIONS 37355

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

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 DATA NOT AVAILABLE
 - b. Extreme minimum temperature DATA NOT AVAILABLE

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

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

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

Continued on Reverse

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

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

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

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 1745C SCHWABISCH HALL DL
 STATION STATION NAME

DAILY TEMPERATURES

69-70, 73-83

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 95 | | | | | | | .8 | .4 | | | | | .0 |
| 90 | | | | | | | | | | | | | .1 |
| 85 | | | | | .4 | 3.4 | 7.2 | 2.9 | .8 | | | | 1.3 |
| 80 | | | | | 2.4 | 10.7 | 22.0 | 16.1 | 6.3 | | | | 5.0 |
| 75 | | | | | 6.5 | 33.0 | 44.3 | 40.4 | 19.8 | 1.4 | | | 12.6 |
| 70 | | | | 4.0 | 19.0 | 48.7 | 57.2 | 64.3 | 38.0 | 6.2 | | | 20.5 |
| 65 | | | 3.0 | 11.6 | 38.1 | 64.0 | 70.8 | 77.5 | 63.7 | 15.6 | .4 | | 29.5 |
| 60 | | | 8.0 | 26.3 | 58.3 | 83.1 | 90.5 | 92.9 | 84.0 | 25.7 | 5.4 | .4 | 40.5 |
| 55 | .4 | 1.3 | 19.0 | 37.8 | 78.5 | 92.7 | 98.1 | 97.9 | 94.9 | 49.6 | 15.8 | 2.2 | 50.2 |
| 50 | 4.7 | 9.9 | 39.2 | 56.2 | 89.9 | 98.5 | 100.0 | 100.0 | 98.3 | 69.6 | 29.9 | 7.4 | 59.8 |
| 45 | 15.0 | 22.7 | 58.6 | 73.7 | 98.4 | 100.0 | | | 100.0 | 87.3 | 52.7 | 18.3 | 70.0 |
| 40 | 28.0 | 43.3 | 75.3 | 90.0 | 100.0 | | | | | 98.2 | 70.5 | 30.1 | 78.9 |
| 35 | 57.9 | 69.1 | 94.3 | 99.2 | | | | | | 100.0 | 88.8 | 56.3 | 89.4 |
| 30 | 80.3 | 92.7 | 99.2 | 100.0 | | | | | | | 95.0 | 74.7 | 95.4 |
| 25 | 92.1 | 99.6 | 100.0 | | | | | | | | 100.0 | 92.1 | 98.7 |
| 20 | 96.5 | 100.0 | | | | | | | | | | 96.9 | 99.5 |
| 15 | 99.6 | | | | | | | | | | | 100.0 | 100.0 |
| 10 | 100.0 | | | | | | | | | | | | 100.0 |
| 5 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| MEAN | 35.8 | 39.0 | 46.8 | 52.1 | 61.8 | 68.7 | 71.5 | 71.5 | 67.3 | 54.7 | 45.0 | 35.9 | 54.2 |
| S D | 8.019 | 7.160 | 8.636 | 9.649 | 9.113 | 9.185 | 9.012 | 7.783 | 7.925 | 8.625 | 8.795 | 8.847 | 15.699 |
| TOTAL OBS. | 254 | 233 | 263 | 251 | 247 | 261 | 264 | 280 | 237 | 276 | 241 | 229 | 3036 |

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 107450 SCHWABISCH HALL DL
 STATION STATION NAME

69-71, 73-83
 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 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 75 | | | | | | 1.1 | 3.8 | .7 | | | | | .5 |
| 70 | | | | | 1.6 | 9.6 | 18.9 | 14.3 | 3.4 | | | | 4.2 |
| 65 | | | | | 4.9 | 32.6 | 48.5 | 44.6 | 19.8 | 1.8 | | | 13.2 |
| 60 | | | .4 | 2.4 | 20.6 | 58.6 | 71.6 | 74.3 | 47.3 | 5.4 | | | 24.2 |
| 55 | | | 4.2 | 13.5 | 45.7 | 80.8 | 93.2 | 94.6 | 74.7 | 15.6 | 2.9 | .4 | 36.5 |
| 50 | 1.2 | .4 | 14.1 | 32.3 | 76.9 | 94.3 | 100.0 | 100.0 | 94.9 | 46.4 | 15.4 | 2.6 | 49.3 |
| 45 | 5.5 | 6.9 | 31.6 | 47.4 | 91.5 | 100.0 | | | 99.2 | 72.5 | 32.8 | 9.2 | 59.2 |
| 40 | 20.5 | 21.5 | 58.2 | 73.3 | 98.4 | | | | 100.0 | 90.6 | 56.8 | 21.8 | 71.2 |
| 35 | 43.3 | 46.8 | 80.6 | 95.6 | 100.0 | | | | | 99.6 | 82.6 | 43.2 | 83.4 |
| 30 | 65.7 | 76.0 | 94.7 | 100.0 | | | | | | 100.0 | 92.1 | 65.5 | 91.6 |
| 25 | 81.9 | 93.1 | 99.2 | | | | | | | | 98.8 | 80.3 | 96.3 |
| 20 | 93.3 | 99.6 | 100.0 | | | | | | | | 100.0 | 93.0 | 98.9 |
| 15 | 98.0 | 100.0 | | | | | | | | | | 96.5 | 99.6 |
| 10 | 99.6 | | | | | | | | | | | 99.6 | 99.9 |
| 5 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 32.3 | 34.2 | 41.0 | 45.2 | 53.9 | 60.9 | 63.7 | 63.4 | 58.9 | 48.6 | 41.1 | 32.6 | 48.0 |
| S D | 8.354 | 6.385 | 7.366 | 7.319 | 6.607 | 6.738 | 6.189 | 5.389 | 5.966 | 6.602 | 7.735 | 8.801 | 13.408 |
| TOTAL OBS | 254 | 233 | 263 | 251 | 247 | 261 | 264 | 280 | 237 | 276 | 241 | 229 | 3036 |

2

4

YEARS

MONTH

HOURS (L, S, T)

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

PSYCHROMETRIC SUMMARY

4-27

YEARS

MONTH

PAGE 1 100-110
HOURS (L. S. T.)

[illegible]

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

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

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

[illegible]

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

PSYCHROMETRIC SUMMARY

4-63

YEARS

JAN
MONTH

PAGE 1

1962-1742
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

14-23

YEARS

JAN
MONTH

PAGE 1 15CG-2000
NOMIS (1-1-1)

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|----------------------|
| 1 745 | SCHAEFER HALL AAF DL |
| STATION | STATION NAME |

7-87

YEARS

JAN
MONTH

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

[illegible]

2

1

ALL
HOURS (L. S. T.)

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

PSYCHROMETRIC SUMMARY

74-83

YEARS

FEEL
MONT

FACE

2620-0210
HOURS (L. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY

4-3

YEARS

FEB
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

74-63

YEARS

FEEL
MONTH

FILE # 1270-14-5
HOURS (G. S. T.)

[illegible]

21

1

74-67

YEARS

FFS
MONTH

PAGE 1

15 C-17.2
HOURS (L.S.T.)

USAFETAC
FORM
NO. 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

14-53

YEARS

FFB
MONTH

PAGE 1 1500-2000
HOURS (L. S. T.)

[illegible]

REVISED EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

155
NORTH

PAGE 1 2170-2300
HOURS (L-S-T)

[illegible]

PSYCHROMETRIC SUMMARY

74-22

YEARS

55
MONTH

— 222 —

311

HOURS (L, S, T.)

| Temp.
(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 |
| 6 / 55 | | | | | | | | | | | | | | | | | | | | |
| 10 / 57 | | | | | | | | | | | | | | | | | | | | |
| 54 / 55 | | | | | | | | | | | | | | | | | | | | |
| 14 / 51 | | | | | | | | | | | | | | | | | | | | |
| 5 / 49 | | | | | | | | | | | | | | | | | | | | |
| 6 / 47 | | | | | | | | | | | | | | | | | | | | |
| 40 / 45 | | 1.1 | 2.3 | 1.2 | .4 | .1 | .1 | | | | | | | | | | | 151 | 151 | 79 |
| 44 / 43 | | 3.3 | 3.4 | .7 | | | | | | | | | | | | | | 169 | 169 | 173 |
| 52 / 41 | | 4.4 | 2.4 | .8 | .2 | .1 | | | | | | | | | | | | 253 | 253 | 186 |
| 60 / 39 | | 5.5 | 1.1 | .6 | .1 | | | | | | | | | | | | | 313 | 313 | 201 |
| 30 / 37 | | 1.2 | 2.2 | 1.4 | .4 | .1 | | | | | | | | | | | | 185 | 185 | 203 |
| 76 / 35 | | 1.7 | 4.5 | 1.4 | .3 | .1 | | | | | | | | | | | | 249 | 249 | 212 |
| 34 / 33 | | 3.6 | 4.6 | 1.2 | .4 | | | | | | | | | | | | | 225 | 225 | 228 |
| 3 / 31 | | 1.5 | 5.2 | 1.7 | .1 | | | | | | | | | | | | | 252 | 252 | 335 |
| 22 / 29 | | 1.7 | 5.3 | 1.1 | .2 | | | | | | | | | | | | | 273 | 273 | 272 |
| 25 / 27 | | 5.4 | 5.7 | .7 | .1 | | | | | | | | | | | | | 349 | 349 | 378 |
| 20 / 25 | | 2.3 | 1.6 | .2 | .1 | | | | | | | | | | | | | 141 | 141 | 214 |
| 20 / 23 | | 1.2 | 1.1 | .1 | . | | | | | | | | | | | | | 72 | 72 | 90 |
| 22 / 21 | | 1.1 | .4 | .1 | | | | | | | | | | | | | | 46 | 46 | 69 |
| 17 / 19 | | .9 | .1 | . | | | | | | | | | | | | | | 21 | 31 | 43 |
| 12 / 17 | | .4 | .2 | . | | | | | | | | | | | | | | 12 | 19 | 22 |
| 14 / 15 | | .1 | .2 | | | | | | | | | | | | | | | 8 | 8 | 14 |
| 14 / 13 | | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 1 |
| 17 / 11 | | .1 | .3 | | | | | | | | | | | | | | | 11 | 11 | 7 |
| 1 / 9 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 9 |
| 2 / 7 | | | | | | | | | | | | | | | | | | | | 3 |
| 1 / 5 | | | | | | | | | | | | | | | | | | | | 7 |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | 1 |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | 6 |
| 1 / -1 | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 23.6 | 7.2 | 18.6 | 7.0 | 2.6 | .8 | .2 | .1 | | | | | | | | | | 2922 | 2922 | 2922 |

| Element (X) | Σx' | Σx | X | Σ _n | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|-----------|---------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Num. | Σx' | Σx | X | Σ _n | No. Obs. | ≤ 6 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 23544.559 | 2416.63 | 82.7 | 3.920 | 2922 | | | | | | | 672 |
| Wet Bulb | 3738.790 | 959.71 | 32.9 | 6.777 | 2922 | | 277.8 | | | | | 672 |
| Dew Point | 27213.59 | 866.37 | 29.6 | 7.227 | 2922 | .5 | 420.2 | | | | | 672 |

2
CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

STATION SCHEFFERTON HALL, NATOL YEARS 1945 MONTH 1
STATION NAME

| 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 | | | | | | | | | | | | | | |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 / 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 / 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 / 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 / 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 / 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 / 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 / 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 / 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 / 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 / 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 / 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 / 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 / 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 / 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 / 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 / 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 / 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 / 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 / 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 / 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 / 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 / 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 / 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 / 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 / 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 / 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 / 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 / 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 24.35 | 41.4 | 13.5 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | $\bar{X}$ | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Rel. Hum. | 4967945 | 56151 | 87.31 | 7.221 | 643 | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ |
| Dry Bulb | 935118 | 24 58 | 37.4 | 7.382 | 643 | | 22.1 | | | | 23 |
| Wet Bulb | 362538 | 33110 | 36.0 | 6.956 | 643 | | 26.5 | | | | 23 |
| Dew Point | 772962 | 21766 | 33.9 | 7.506 | 643 | | 37.9 | | | | 23 |

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

PSYCHROMETRIC SUMMARY

— 2 —

YEARS

12 12
MONTH

PAGE : 2
HOURS (I. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

44

MONT

1946

100-2-14-1

HOURS (L. S. T.)

0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 100-10

CLICAL CLIMATOLOGY BRANCH
INAFETAC
NO WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-----------------------|
| 1. NAME | SCHAEFFEL HALL AAF DL |
| STATION | STATION NAME |

‘

YEARS

MAR
MONTH

PAGE 1 1-10-73
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
CAFETAC
AFM/FATHIN/SC/VIOL/AC

PSYCHROMETRIC SUMMARY

| | |
|---------|-----------------------|
| 745 | SCHAEFFER HALL RAF DL |
| STATION | STATION NAME |

"4 - "

YEARS

22

MONTH

PAGE 3 100-200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATELOGY BRANCH
CHAFETAC
AL WEATHER SERVICE / SAC

PSYCHROMETRIC SUMMARY

| | | |
|---|---------|-------------------------|
| 1 | 45 | CON REEL CH HALL BAF 7L |
| | STATION | STATION NAME |

77-55

YEARS

NORTH

PAGE 21 0-23 0
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

1 745 SCHAEFFER HALL AAF FL

74-1

YEARS

MONTH

DATE

ALL

HOURS (L. S. Y.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|--------|------|------|------|--------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |
| 65/65 | | | | | | | | | | | | | | | | | | | | |
| 66/67 | | | | | | | | | | | | | | | | | | | | |
| 66/65 | | | | | | | | | | | | | | | | | | | | |
| 64/63 | | | | | | | | | | | | | | | | | | | | |
| 67/61 | | | | | | | | | | | | | | | | | | | | |
| 67/69 | | | | | | | | | | | | | | | | | | | | |
| 67/67 | | | | | | | | | | | | | | | | | | | | |
| 67/65 | | | | | | | | | | | | | | | | | | | | |
| 67/63 | | | | | | | | | | | | | | | | | | | | |
| 67/61 | | | | | | | | | | | | | | | | | | | | |
| 67/49 | | | | | | | | | | | | | | | | | | | | |
| 67/47 | | | | | | | | | | | | | | | | | | | | |
| 67/45 | | | | | | | | | | | | | | | | | | | | |
| 64/43 | | | | | | | | | | | | | | | | | | | | |
| 67/41 | | | | | | | | | | | | | | | | | | | | |
| 67/39 | | | | | | | | | | | | | | | | | | | | |
| 67/37 | | | | | | | | | | | | | | | | | | | | |
| 66/35 | | | | | | | | | | | | | | | | | | | | |
| 64/33 | | | | | | | | | | | | | | | | | | | | |
| 67/31 | | | | | | | | | | | | | | | | | | | | |
| 67/29 | | | | | | | | | | | | | | | | | | | | |
| 67/27 | | | | | | | | | | | | | | | | | | | | |
| 67/25 | | | | | | | | | | | | | | | | | | | | |
| 66/23 | | | | | | | | | | | | | | | | | | | | |
| 67/21 | | | | | | | | | | | | | | | | | | | | |
| 67/19 | | | | | | | | | | | | | | | | | | | | |
| 67/17 | | | | | | | | | | | | | | | | | | | | |
| 66/15 | | | | | | | | | | | | | | | | | | | | |
| 64/13 | | | | | | | | | | | | | | | | | | | | |
| 62/11 | | | | | | | | | | | | | | | | | | | | |
| 61/9 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 9.6 | 34.5 | 25.6 | 16.2 | 8.0 | 3.8 | 1.6 | .0 | .1 | | | | | | | | | 3358 | 3358 | 3358 |
| Element (X) | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | |
| Rel. Hum. | 19926535 | | 253171 | | 75.4 | | 15.810 | | 3358 | | Σ 6 F | | Σ 22 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | |
| Dry Bulb | 4400068 | | 143768 | | 42.8 | | 8.540 | | 3358 | | Σ 6 F | | Σ 22 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | |
| Wet Bulb | 53559.8 | | 142762 | | 39.3 | | 6.652 | | 3358 | | Σ 6 F | | Σ 22 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | |
| Dew Point | 4273538 | | 117248 | | 34.9 | | 7.317 | | 3358 | | Σ 6 F | | Σ 22 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | |

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

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
JAN. 1974

PSYCHROMETRIC SUMMARY

| | |
|---------|----------------------------|
| 745 | SCH. RECEPTION HALL AAF 20 |
| STATION | STATION NAME |

4-2

YEARS

422
MONTH

DATE: TIME:
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|------------------------|
| 1 | SCHAEFFER HALL (AF 01) |

१५-८-३३

YEARS

1997

MONTH

541

4-17
HOURS (L, S, T)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 67 67 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 66 66 | | | | | | | | | | | | | | | | | | 1 | 2 | | | | | | | | | | | | | | | | |
| 64 63 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 62 61 | | | | | | | | | | | | | | | | | | 1 | 14 | | | | | | | | | | | | | | | | |
| 60 59 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 58 57 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 56 55 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 54 53 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 52 51 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 50 49 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 48 47 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 46 45 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 44 43 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 42 41 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 40 39 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 38 37 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 36 35 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 34 33 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 32 31 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 30 29 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 28 27 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 26 25 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 24 23 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 22 21 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 20 19 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 18 17 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 16 15 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| TOTAL | 2.92 | 2.72 | 2.32 | 1.71 | .8 | 8.5 | 2.6 | .8 | .8 | | | | | | | | | 627 | 627 | 627 | 627 | | | | | | | | | | | | | | |

| Element (X) | Σx' | Σx | X | % | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 1225552 | 43814 | 69.9 | 16.18 | 627 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 1372117 | 78031 | 46.1 | 7.989 | 627 | | .4 | .1 | | | | 92 |
| Wet Bulb | 1106720 | 26046 | 41.5 | 6.288 | 627 | | 4.6 | | | | | 90 |
| Dew Point | 843776 | 22584 | 36.0 | 6.959 | 627 | | 31.3 | | | | | 90 |

GLOBAL CLIMATOLOGY BRANCH
METAC
AT - PATH - SERVIC/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1 745 | SCHAEFELSCH HALL AAF DL |
| STATION | STATION NAME |

74-100

YEARS

1.03
MONTH

PAGE 1 12-3-1452
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|----------------------|
| 46 | SCHAEFER HALL AAF DL |

4-2-7

YEARS.

APR
MONTH

PA. 1 1-0-17.2
HOURS (1, 5, 1)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|--------------------|-----|--------------------|-------|-----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb Dew Point | | | | |
| 67 77 | | | | | | | | | | | | | | | | | | | | | | | |
| 67 71 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 69 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 67 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 65 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 63 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 61 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 59 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 57 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 55 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 53 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 51 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 49 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 47 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 45 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 43 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 41 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 39 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 37 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 35 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 33 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 31 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 29 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 27 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 25 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 23 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 21 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 19 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 67 17 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| TOTAL | 2.3 | 12.6 | 15.8 | 17.9 | 12.1 | 14.0 | 10.1 | 1.0 | 4.1 | 2.9 | .0 | .3 | | | | | | 613 | 613 | 613 | | | |
| | | | | | | | | | | | | | | | | | | | | | 613 | | 613 |
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USAFETAC
FORM
AA 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
CHAFETAC
AIR WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 743 | COH-AD-1 CH FALL AAF DL |
| STATION | STATION NAME |

74-27

YEARS

2 P
MONTH

PA. 1 1-25-61
HOURS (L. S. T.)

[illegible]

2

4

7 -

YEARS

4 2
MONT

F A L S E

62-5-27
HOURS (L. S. T.)

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

PSYCHROMETRIC SUMMARY

THE JOHN ALBION HALL AAF
STATION STATION NAME

4-23

YEARS

42
MONTH

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MON

HOUS 5 5

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

PSYCHROMETRIC SUMMARY

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

ATM 2022 100

| STATION | STATION NAME |
|---------|------------------------|
| 445 | 400 AF 100 GALL AF 101 |

—

YEARS

DAY
MONTH

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

USAFETAC FORM 1-1

ATM S 00000000

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

2 Y
MONTH

MONTH

10-11-54
HOURS 11. 5. 7.1

[illegible]

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

USAFETAC

2

GLOBAL CLIMATOLOGY SEARCH
 USAFETAC
 AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

STATION 145 SCHAEFFER HALL AAFB IL
 STATION NAME

1945-46

YEARS

1945
 MONTH

1945-46
 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 | | | | | | | | | | | | | | |
| 1/ 47 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 46 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 45 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 44 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 43 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 42 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 41 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 40 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 39 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 38 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 37 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 36 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 35 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 34 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 33 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 32 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 31 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 30 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 29 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 28 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 27 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 26 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 25 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 24 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 23 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 22 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 21 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 20 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 19 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 18 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 17 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 16 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 15 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 14 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 13 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 12 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 11 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 10 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 9 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 8 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 7 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 6 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 5 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 4 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 3 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 2 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 1 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ 0 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -1 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -2 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -3 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -4 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -5 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -6 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -7 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -8 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -9 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -10 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -11 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -12 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -13 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -14 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -15 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -16 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -17 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -18 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -19 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -20 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -21 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -22 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -23 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -24 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -25 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -26 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -27 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -28 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -29 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -30 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -31 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -32 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -33 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -34 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -35 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -36 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -37 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -38 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -39 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -40 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -41 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -42 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -43 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -44 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -45 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -46 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -47 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -48 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -49 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -50 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -51 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -52 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -53 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -54 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -55 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -56 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -57 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -58 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -59 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -60 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 1/ -61 | | | | | | | | | | | | | | | | | </ | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

4 3 2

MONTH

1. 5 - 14. 5
HOURS (1. 5. 7)

[illegible]

2

5

4-57

YEARS

... MAY
MONTH

DATE: 1-15-68
HOURS (L. S. T.): 1500-1700

[illegible]

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

PSYCHROMETRIC SUMMARY

YEARS

1 2 Y
MONTH

PAGE 10-170
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATE LOGY BRANCH
USAFETAC
AIR WEATHER SERVICE ZWAC

PSYCHROMETRIC SUMMARY

STATION 0045 DONLASH HALL AAF GL
STATION NAME

74-27

YEARS

DAY
MONTH

PAGE 1 1-6-27-20
HOURS (L. S. Y.)

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|-------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 47 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 7 | 7 | | |
| 73/ 46 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 4 | 4 | | |
| 72/ 45 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 4 | 4 | | |
| 71/ 44 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 14 | 14 | | |
| 70/ 43 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 9 | 9 | | |
| 69/ 42 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 20 | 20 | | |
| 68/ 41 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 27 | 27 | 5 | |
| 67/ 40 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 34 | 34 | 8 | |
| 66/ 39 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 47 | 47 | 12 | |
| 65/ 38 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 54 | 54 | 16 | |
| 64/ 37 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 63 | 63 | 20 | |
| 63/ 36 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 74 | 74 | 25 | |
| 62/ 35 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 84 | 84 | 31 | |
| 61/ 34 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 94 | 94 | 36 | |
| 60/ 33 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 104 | 104 | 42 | |
| 59/ 32 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 114 | 114 | 48 | |
| 58/ 31 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 124 | 124 | 54 | |
| 57/ 30 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 134 | 134 | 60 | |
| 56/ 29 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 144 | 144 | 66 | |
| 55/ 28 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 154 | 154 | 72 | |
| 54/ 27 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 164 | 164 | 78 | |
| 53/ 26 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 174 | 174 | 84 | |
| 52/ 25 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 184 | 184 | 90 | |
| 51/ 24 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 194 | 194 | 96 | |
| 50/ 23 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 204 | 204 | 102 | |
| 49/ 22 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 214 | 214 | 108 | |
| 48/ 21 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 224 | 224 | 114 | |
| 47/ 20 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 234 | 234 | 120 | |
| 46/ 19 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 244 | 244 | 126 | |
| 45/ 18 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 254 | 254 | 132 | |
| 44/ 17 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 264 | 264 | 138 | |
| 43/ 16 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 274 | 274 | 144 | |
| 42/ 15 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 284 | 284 | 150 | |
| 41/ 14 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 294 | 294 | 156 | |
| 40/ 13 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 304 | 304 | 162 | |
| 39/ 12 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 314 | 314 | 168 | |
| 38/ 11 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 324 | 324 | 174 | |
| 37/ 10 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 334 | 334 | 180 | |
| 36/ 9 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 344 | 344 | 186 | |
| 35/ 8 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 354 | 354 | 192 | |
| 34/ 7 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 364 | 364 | 198 | |
| 33/ 6 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 374 | 374 | 204 | |
| 32/ 5 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 384 | 384 | 210 | |
| 31/ 4 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 394 | 394 | 216 | |
| 30/ 3 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 404 | 404 | 222 | |
| 29/ 2 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 414 | 414 | 228 | |
| 28/ 1 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 424 | 424 | 234 | |
| 27/ 0 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 434 | 434 | 240 | |
| 26/ 31 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 444 | 444 | 246 | |
| 25/ 30 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 454 | 454 | 252 | |
| 24/ 29 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 464 | 464 | 258 | |
| 23/ 28 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 474 | 474 | 264 | |
| 22/ 27 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 484 | 484 | 270 | |
| 21/ 26 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 494 | 494 | 276 | |
| 20/ 25 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 504 | 504 | 282 | |
| 19/ 24 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 514 | 514 | 288 | |
| 18/ 23 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 524 | 524 | 294 | |
| 17/ 22 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 534 | 534 | 300 | |
| 16/ 21 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 544 | 544 | 306 | |
| 15/ 20 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 554 | 554 | 312 | |
| 14/ 19 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 564 | 564 | 318 | |
| 13/ 18 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 574 | 574 | 324 | |
| 12/ 17 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 584 | 584 | 330 | |
| 11/ 16 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 594 | 594 | 336 | |
| 10/ 15 | | | | | | | | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | 604 | 604 | 342 | |
| 9/ 14 | </ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

4, 8, 12
MONTH

PAGE 1 21-6-27.3
HOURS (L. S. T.)

[illegible]

2

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /HAC

PSYCHROMETRIC SUMMARY

STATION SCHWABERSON HALL AAF DL

YEARS

DAY
MONTH

ALL
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|------------|-------|-------|----------|-------|-------|------------------------------------|----|----------|----------|-----------|--|--|-------|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 17/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | | | Σx | | | $\bar{x}$ | | | σ^2 | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

| | |
|---------|-----------------------|
| 1745 | SCHAEFFER HALL AAF DL |
| STATION | STATION NAME |

YEARS

4. 4. 4.

MONTH

634

611

HOURS (1 - 9 - 11)

| 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 | 4.51 | 7.1 | 5.5 | 3.13 | 12.4 | 8.2 | 6.1 | 3.4 | 1.8 | | | | | | | | | 72.8 | 58 | 3.8 | | |

| Element (X) | Σ x' | Σ x | $\bar{x}$ | s^2_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------|--------|-----------|---------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 14495129 | 203271 | 65.8 | 19.702 | 3088 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | 744 |
| Dry Bulb | 931271 | 172617 | 55.9 | 9.560 | 3088 | | 1.4 | 93.5 | 38.5 | 7.7 | | 744 |
| Wet Bulb | 7672738 | 152677 | 49.4 | 6.337 | 3088 | | 2.9 | 2.7 | | | | 744 |
| Dew Point | 5939009 | 133971 | 43.4 | 6.408 | 3088 | | 37.6 | | | | | 744 |

2

1

100

YEARS

MON T

HOURS (L. S. T.)

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

0.26-5 (01 A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

DATE: 10-1-57
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 | | | | | | | | | | | | | | | |
| 77 / 71 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 70 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 69 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 68 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 67 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 66 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 65 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 64 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 63 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 62 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 61 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 60 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 59 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 58 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 57 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 56 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 55 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 54 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 53 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 52 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 51 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 50 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 49 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 48 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 47 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 46 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 45 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 44 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 43 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 42 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 41 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 40 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 39 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 38 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 37 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 36 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 35 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 34 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 33 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 32 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| 77 / 31 | | | | | | | | | | | | | | | | | | 1.0 | 5 | | | | | | | | | | | | | | | | | |
| TOTAL | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | 1.51 | | | | | | | | | | | | | | | |

| Element (X) | X ₁ | X ₂ | X ₃ | X ₄ | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------------|----------------|----------------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 191.703 | 41.53 | 66.3 | 14.427 | 624 | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | |
| Dry Bulb | 2463556 | 38924 | 62.4 | 7.67 | 624 | | | 2F.1 | 9. | 1.3 | | 90 |
| Wet Bulb | 19611.3 | 34789 | 55.6 | 4.987 | 624 | | | 1.2 | | | | 91 |
| Dew Point | 1616845 | 31527 | 57.5 | 6.203 | 624 | | .1 | | | | | 90 |

CLIMATE CLIMATOLOGY BRANCH
METAC
STATE - SERVICE / SAC

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MON I N

1-14
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

JSAFETAC

LEGAL CLIMATOLOGY BRANCH
OFFICE
AT WASHINGTON SERVICE AC

YEARS

| STATION | STATION NAME |
|---------|-------------------------|
| | NON ABUTION HALL BAF OL |

• 3-5 •

MONTH

MOUSE 1 3 9

[illegible]

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

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------------|
| 44 | 44 1000 ON HALL ST |

YEARS

MONTH

HOURS L. S. T.

[illegible]

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GENERAL CLIMATOLOGY BRANCH
USAFETAC
425 HEALTH SERVICE/HAAS

PSYCHROMETRIC SUMMARY

STATION 00H ABINGDON HALL AAF TL YEARS MONTH HOURS (L.S.T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL
Dry Bulb Wet Bulb Dew Point | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|--------------------------------------|--|--|--|
| 77 | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DISTAL CLIMATOLOGY BRANCH
METEOR.
A - WEATHER BUREAU /MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1. 785 | CON. AERIAL HALL AAF CL |
| STATION | STATION NAME |

YEARS

MONTH

Page 10

ALL
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A)

USAFETAC

JETLAL CLIMATOLOGY BRANCH
 JAFETAC
 AIR KNATHON SERVICE /MAC

YEARS

| STATION | STATION NAME |
|---------|--------------------------|
| 740 | JOH. ADAM C. FALL AAF SC |

JUL
MONTH

DATE: 11-23-73
HOURS (L. S. T.):

[illegible]

GLOBAL CLIMATOLOGY BRANCH
EPA/ETAC
ATC HEALTH & SERVICE/MAL

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------------|
| 45 | SCHAEFFER HALL AAF |
| STATION | STATION NAME |

77-137

YEARS

MONTH

PA 100-100000-100000
HOURS (L. S. T.)

[illegible]

YEARS

| | |
|---------|------------------------|
| 745 | CONAEBI CH HALL AAF FL |
| STATION | STATION NAME |

4-6-22

J. L.
MONTH

199

92-140
HOUS 11-9-71

[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AFETAC/CLIMATE & STRATOSPHERIC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|----------------------|
| 45 | SCHALLER HALL AND CL |

YEARS

100
MONTH

1-17-2
MOBILE (6-8-7-1)

| 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 | | | | | | | | | | | | | |
| 1 / 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 / 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 / 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 / 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 / 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 / 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 / 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 / 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 / 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 / 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 / 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 / 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 / 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 / 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 / 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 / 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 / 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 / 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 / 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 / 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 / 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 / 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 / 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 / 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 / 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 / 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .8 | 8.9 | 9.4 | 9.2 | 1.1 | 1.1 | 7.7 | 13.1 | 11.5 | 8.2 | 5.8 | 2.7 | .6 | .3 | 1.5 | .2 | | 626 | | 620 | 623 | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | $\bar{x}$ | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Ref. Num. | 2254174 | 35756 | 57.7 | 7.516 | 623 | = 0 F | = 32 F | = 67 F | = 73 F | = 80 F | = 93 F | |
| Dry Bulb | 3037163 | 4339 | 69.4 | 8.942 | 623 | | | 55.2 | 35.9 | 13.8 | | 93 |
| Wet Bulb | 2215640 | 36932 | 59.6 | 7.34 | 623 | | | 7.7 | | | | 93 |
| Dew Point | 1727669 | 32547 | 52.5 | 5.556 | 623 | | | 5 | | | | 93 |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FROM

USAFETAC

GENERAL CLIMATOLOGY BRANCH
MAFETAC
AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 149 | SCHLAEFLICH HALL 147 20 |
| STATION | STATION NAME |

YEARS

2.1

PAG 1 100-2000
HOURS (L. S. T.)

[illegible]

U. S. AIR FORCE
CLIMATE BRANCH
CLIMATE
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 740 | CH. 1501000 FALL AAF EL |
| STATION | STATION NAME |

7-5-

YEARS

MONTE

DATE 2-6-27
HOURS (L. S. T.)

[illegible]

CLICAL CLIMATOLOGY BRANCH
LAJAFETAC
ALL WEATHER SERVICE / JAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1745 | SCHWABE LCH HALL PAT FL |
| STATION | STATION NAME |

YEARS

MONTE

24

ALL
HOURS (L, S, T,)

[illegible]

4. WEATHER STATION / AC

PSYCHROMETRIC SUMMARY

STATION NAME

100

YEAR 89

MONTH

T A -

MOUSE (1 - 5 - 7)

[illegible]

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

2000

 HOURS 0 1 2 3 4 5 6 7

[illegible]

45 J. A. F. C. HALL AAF 12
STATION STATION NAME

YEARS

MONTH

1 - 1
HOURS 11 5 7

USAFETAC FORM 0.26-5 (01A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. AIR FORCE - L. Y. FRANCH
C. I. C.
U. S. AIR FORCE - L. Y. FRANCH

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
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| 87 | 87 |
| 88 | 88 |
| 89 | 89 |
| 90 | 90 |
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| 92 | 92 |
| 93 | 93 |
| 94 | 94 |
| 95 | 95 |
| 96 | 96 |
| 97 | 97 |
| 98 | 98 |
| 99 | 99 |
| 100 | 100 |

YEARS

MON*

MOVIES 55

[illegible]

LOCAL CLIMATELOGY BRANCH
ACTAC
AIR - SERVICE CLASS

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------------------|
| 71 | CON APT 1 OF BALL BAL 11 |

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

TO: ALL MEMBERS OF THE BOARD
FROM: THE BOARD
SUBJECT: BOARD MEETING / 2000

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
|---------|--------------|

7-0-1

YEARS

MONTH

MOUSE (15 T)

[illegible]

2

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AT WASHINGTON, D.C.

PSYCHROMETRIC SUMMARY

STATION NAME: WASHINGTON, D.C. YEARS: 1961 MONTH: JULY
STATION: 1111 HOURS: 11.5

| Temp
(F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point | | |
|-------------|----------------|----------------|------|-------|----------|------------------------------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|----|--|------|------|
| 60/ 55 | | | | | | | | | | | | | | | | | | | | |
| 61/ 56 | | | | | | | | | | | | | | | | | | | | |
| 62/ 57 | | | | | | | | | | | | | | | | | | | | |
| 63/ 58 | | | | | | | | | | | | | | | | | | | | |
| 64/ 59 | | | | | | | | | | | | | | | | | | | | |
| 65/ 60 | | | | | | | | | | | | | | | | | | | | |
| 66/ 61 | | | | | | | | | | | | | | | | | | | | |
| 67/ 62 | | | | | | | | | | | | | | | | | | | | |
| 68/ 63 | | | | | | | | | | | | | | | | | | | | |
| 69/ 64 | | | | | | | | | | | | | | | | | | | | |
| 70/ 65 | | | | | | | | | | | | | | | | | | | | |
| 71/ 66 | | | | | | | | | | | | | | | | | | | | |
| 72/ 67 | | | | | | | | | | | | | | | | | | | | |
| 73/ 68 | | | | | | | | | | | | | | | | | | | | |
| 74/ 69 | | | | | | | | | | | | | | | | | | | | |
| 75/ 70 | | | | | | | | | | | | | | | | | | | | |
| 76/ 71 | | | | | | | | | | | | | | | | | | | | |
| 77/ 72 | | | | | | | | | | | | | | | | | | | | |
| 78/ 73 | | | | | | | | | | | | | | | | | | | | |
| 79/ 74 | | | | | | | | | | | | | | | | | | | | |
| 80/ 75 | | | | | | | | | | | | | | | | | | | | |
| 81/ 76 | | | | | | | | | | | | | | | | | | | | |
| 82/ 77 | | | | | | | | | | | | | | | | | | | | |
| 83/ 78 | | | | | | | | | | | | | | | | | | | | |
| 84/ 79 | | | | | | | | | | | | | | | | | | | | |
| 85/ 80 | | | | | | | | | | | | | | | | | | | | |
| 86/ 81 | | | | | | | | | | | | | | | | | | | | |
| 87/ 82 | | | | | | | | | | | | | | | | | | | | |
| 88/ 83 | | | | | | | | | | | | | | | | | | | | |
| 89/ 84 | | | | | | | | | | | | | | | | | | | | |
| 90/ 85 | | | | | | | | | | | | | | | | | | | | |
| 91/ 86 | | | | | | | | | | | | | | | | | | | | |
| 92/ 87 | | | | | | | | | | | | | | | | | | | | |
| 93/ 88 | | | | | | | | | | | | | | | | | | | | |
| 94/ 89 | | | | | | | | | | | | | | | | | | | | |
| 95/ 90 | | | | | | | | | | | | | | | | | | | | |
| 96/ 91 | | | | | | | | | | | | | | | | | | | | |
| 97/ 92 | | | | | | | | | | | | | | | | | | | | |
| 98/ 93 | | | | | | | | | | | | | | | | | | | | |
| 99/ 94 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 4.41 | 3.16 | 4.13 | 5.17 | 1.17 | 4.9 | 2.2 | 1.0 | 4.1 | 2.4 | 1.0 | 0.2 | 0.1 | 0.1 | | | | 3392 | 3382 | 3382 |
| Element (X) | Z _g | Z _h | X | Y | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | 18682414 | 229433 | 67.8 | 8.13 | 3392 | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | |
| Dry Bulb | 1461663 | 22533 | 65.2 | 8.346 | 3382 | | | 303.5 | 151.8 | 34.3 | 0.7 | 744 | | | | | | | | |
| Wet Bulb | 1157738 | 19786 | 58.3 | 5.32 | 3382 | | | 24.2 | | | | 744 | | | | | | | | |
| Dew Point | 567115 | 179985 | 43.2 | 5.344 | 3382 | | | 0.2 | 0.4 | | | 744 | | | | | | | | |

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

YEARS

MONTH

10-10-68
 HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
AFETAC
ATTN: CLIMATE SERVICE/AFAC

PSYCHROMETRIC SUMMARY

THE JOHN ADELSON HALL PAF PL
STATION STATION NAME

YEARS

MONTH

HOURS (L, S, T, I)

[illegible]

REVISED REVISIONS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

| | |
|---------|------------------------|
| 746 | JOE ALBERT HALL 1AF EL |
| STATION | STATION NAME |

YEARS

MONTH

9. 5-24 7
HOURS 11. 5. 7.1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
METEOR
ST. PETERSBURG, RUSSIA

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|-------------------------|
| 740 | 504 AFB: CL HALL AAF CL |

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FROM

USAFETAC

STATION JOURNAL OF WALL PAPER

YEARS

5.7
MONTM

1 - 2

[illegible]

GENERAL CLIMATOLOGY BRANCH
LAJAFAC
ATLANTIC SERVICE AREA

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|----------------------|-------|-------|
| 141 | NEW ALBANY FALL PARK | 17-5 | 12 |

HOURS 11-5-7

[illegible]

USAFETAC FORM 0.26.5 (OL A) RE-USED PREVIOUS EDITIONS OF THIS PUBLIS ARE OBSOLETE

YEARS

| STATION | STATION NAME |
|---------|------------------------|
| 104 | 104 ALBION HALL APT 2L |

MONTH

ALL
HOURS 11-5 P

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 7 / 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 7 / 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 7 / 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 7 / 101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 109 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 111 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 112 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 113 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 114 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 115 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 116 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 118 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 119 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 121 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 122 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 123 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0.26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATE LOGS - JANUARY
1964
ALL STATIONS ON VIC 2140

PSYCHROMETRIC SUMMARY

40
STATION

JUN 1961 C. HALL 120
STATION NAME

YEARS

MONTH

HOURS 11. 5. 7.

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

U. S. NATIONAL CLIMATOLOGY SERVICE
 METEOROLOGICAL SERVICE
 WASHINGTON, D. C. 20541

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 10 | 10 |

YEARS

MONTH

NOISE 1 5

[illegible]

USAFETAC FORM 026.5 (OL A) REVISED PER PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION NAME

YEARS

MONTH

NOV 5 1951

[illegible]

YEARS

STAT 210

STATION NAME

CONTR

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

[illegible]

USAFETAC
FORM 0265 (OL A)
REPLACES FORMS OF THIS NAME ARE OBSOLETE

ANNUAL CLIMATE DATA SEARCH
1971-1980
1971-1980

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS (L, S, T)

[illegible]

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATE DATA - MARCH
- 1982
- 1982 - 1982 - 1982

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| | |

YEARS

MONTH

211
HOURS (L. S. T.)

[illegible]

| STATION | STATION NAME |
|---------|--------------------------|
| 147 | CONRAD J. OF HALL AAF MO |

YEARS

462

MONTH

HOURS (L. S. T.)

[illegible]

NATIONAL CLIMATOLOGY BRANCH
ACTS
ALL WEATHER STATION

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 745 | 224 0000 CH - ALL AM PL |
| STATION | STATION NAME |

YEARS

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[illegible]

YEARS

MONITOR

12-3-14
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

| | |
|---------|-------------------------|
| 743 | USP ACADEMY HALL AAF FL |
| STATION | STATION NAME |

YEARS

MONTH

1 - 17
HOURS 11.5.7

USAFETAC

YEARS

MONITOR

HOURS (L. S. T.)

USAFETAC

A-10 - ATC - S - VIC / PAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-----------------------|
| STATION | STATION NAME |
| 40 | 404 ALBION HALL APT 4 |

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

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

GENERAL CLIMATOLOGY BRANCH
METAC
AIR & WATER SURFACE / MAC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|-------------------------|
| 143 | CONCRETE OF HALL PAS OL |

YEARS

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318

MOUSE 11-5-7

[illegible]

100-441614-1000

• 5748

17-5-VII-189.

PSYCHROMETRIC SUMMARY

STATION STATION NAME

YEARS

MONTE

HOURS (L. S. T.)

[illegible]

2

UNITED STATES AIR FORCE
 AIRCRAFT ENGINEERING
 AIRCRAFT ENGINEERING

PSYCHROMETRIC SUMMARY

STATION: 00000000000000000000
 STATION NAME: 00000000000000000000

YEARS

MONTH

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 | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
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| 26 | | | | | | |
| 27 | | | | | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| TOTAL | 31.15 | 21.15 | 21.15 | 21.15 | 21.15 | |

| Element (X) | ΣX^2 | ΣX | $\bar{X}$ | σ_s | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|----|
| Rel. Hum. | 4639411 | 52737 | 86.71 | 0.275 | 605 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Dry Bulb | 732111 | 27865 | 33.5 | 0.76 | 605 | 0 | 40.4 | | | | | 43 |
| Wet Bulb | 669235 | 19527 | 32.1 | 0.352 | 605 | 0 | 46.7 | | | | | 48 |
| Dew Point | 583451 | 18111 | 29.8 | 0.113 | 605 | 0 | 57.5 | | | | | 43 |

2

RECALCULATED BY: J. A. CH
 SAFETYAC
 STATION: 000000000000

PSYCHROMETRIC SUMMARY

STATION: 000000000000 STATION NAME: YEARS: MONTH: HOURS: L. S. T.

| Temp
(F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point | TOTAL |
|-------------|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|-------|
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| 30 | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | |
| TOTAL | 10.45 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 |

| Element (X) | Σx^2 | Σx | $\bar{x}$ | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|
| Rel. Hum. | 1244.7 | 499.2 | 82.2 | 1.70 | 6 | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F |
| Dry Bulb | 111.1 | 15.2 | 25.3 | 1.0 | 6 | | | | | | |
| Wet Bulb | 723.4 | 14.5 | 37.9 | 7.147 | 6 | | 30.5 | | | | |
| Dew Point | 538.15 | 18.22 | 30.3 | 7.065 | 6 | | 24.4 | | | | |

[illegible]

USAFETAC
FORM
JUL 64
0265 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A140 242

SCHWAEBISCH HALL WEST GERMANY LIMITED SURFACE
OBSERVATIONS CLIMATIC SUMMA... (U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
25 JAN 84 USAFETAC/DS-84/004

F/G 4/2

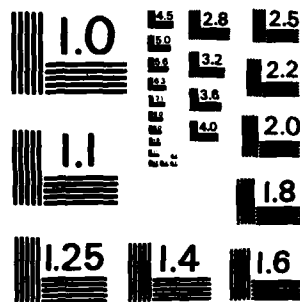
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4/4

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 745 SCHAEFELICH HALL AAF DL 73-87 YEARS DEC MONTH

PAGE 1 1980-2000
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|-----|-----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 50/ 55 | | | | | .7 | .7 | | | | | | | | | | | | | | 2 | 2 | | | |
| 49/ 53 | | | | | 1.2 | .7 | | | | | | | | | | | | | | 8 | 8 | | | |
| 48/ 51 | | | | .5 | .5 | | .3 | | | | | | | | | | | | | 5 | 5 | | | |
| 47/ 49 | | .3 | | | | | | | | | | | | | | | | | | 1 | 1 | 4 | | |
| 46/ 47 | | 1.1 | .5 | .3 | | | | | | | | | | | | | | | | 7 | 7 | 10 | | |
| 46/ 45 | .3 | 4.0 | .3 | .3 | | | | | | | | | | | | | | | | 18 | 18 | 12 | 13 | |
| 44/ 43 | .5 | 1.1 | 2.1 | | | | | | | | | | | | | | | | | 14 | 14 | 18 | 13 | |
| 42/ 41 | 1.1 | 5.9 | .8 | | | | .3 | | | | | | | | | | | | | 30 | 30 | 14 | 17 | |
| 41/ 39 | .3 | 5.3 | .3 | | | | .5 | | | | | | | | | | | | | 24 | 24 | 74 | 21 | |
| 39/ 37 | 2.9 | 5.9 | 2.4 | .3 | | | | | | | | | | | | | | | | 43 | 43 | 34 | 17 | |
| 36/ 35 | 2.4 | 7.4 | .8 | | | | | | | | | | | | | | | | | 40 | 40 | 41 | 37 | |
| 35/ 33 | 2.1 | 7.2 | | | | | | | | | | | | | | | | | | 35 | 35 | 57 | 39 | |
| 32/ 31 | .5 | 7.7 | .9 | | | | | | | | | | | | | | | | | 34 | 34 | 47 | 36 | |
| 30/ 29 | 1.3 | 3.7 | .8 | | | | | | | | | | | | | | | | | 22 | 22 | 23 | 46 | |
| 28/ 27 | 3.7 | 2.7 | | | | | | | | | | | | | | | | | | 24 | 24 | 24 | 38 | |
| 26/ 25 | 3.2 | 1.9 | .3 | | | | | | | | | | | | | | | | | 20 | 20 | 21 | 18 | |
| 24/ 23 | 1.1 | 2.4 | .5 | | | | | | | | | | | | | | | | | 15 | 15 | 13 | 18 | |
| 22/ 21 | 1.9 | 1.1 | | | | | | | | | | | | | | | | | | 11 | 11 | 15 | 11 | |
| 21/ 19 | 2.7 | .8 | .3 | | | | | | | | | | | | | | | | | 14 | 14 | 16 | 18 | |
| 18/ 17 | .3 | 1.3 | | | | | | | | | | | | | | | | | | 6 | 6 | 9 | 11 | |
| 16/ 15 | | .3 | .5 | | | | | | | | | | | | | | | | | 3 | 3 | 2 | 7 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 2 | 4 | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 7/ 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | 24.25 | 0.81 | 7.9 | 2.9 | 1.3 | .3 | .5 | | | | | | | | | | | | | | 376 | 376 | 376 | 376 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
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USAFETAC 0-26-5 (OL A) FORM 34 1-64 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 210-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 1745 SCHWABISCH HALL AAF DL

73-80

YEARS

DEC
MONTH

PAGE 1

ALL
HOURS (L. S. Y.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------------------------------------|----------|-----------|--------|--------------------|--------|-------|-----|--|--|--|--|--|--|--|---|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 62/ 61 | | | | | .1 | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | |
| 62/ 59 | | | | | .1 | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | |
| 59/ 57 | | | | .1 | .1 | .1 | | | | | | | | | | | | | | | | 6 | 6 | | | | | | | | | | | |
| 56/ 55 | | | | .1 | .1 | .1 | | | | | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | |
| 54/ 53 | | | .5 | .6 | .4 | .2 | .1 | | | | | | | | | | | | | | | 43 | 43 | 3 | | | | | | | | | | |
| 52/ 51 | | .4 | .3 | .3 | .3 | .2 | | | | | | | | | | | | | | | | 50 | 50 | 10 | | | | | | | | | | |
| 50/ 49 | .1 | .1 | .3 | .2 | .1 | .2 | | | | | | | | | | | | | | | | 72 | 72 | 75 | 3 | | | | | | | | | |
| 48/ 47 | .1 | 1.2 | .7 | .3 | .2 | | | | | | | | | | | | | | | | | 65 | 65 | 78 | 15 | | | | | | | | | |
| 46/ 45 | .2 | 2.9 | 2.1 | .2 | | | | | | | | | | | | | | | | | | 151 | 151 | 193 | 87 | | | | | | | | | |
| 44/ 43 | .8 | 1.2 | 2.3 | .2 | | | | | | | | | | | | | | | | | | 126 | 126 | 113 | 91 | | | | | | | | | |
| 42/ 41 | .5 | 3.8 | 2.7 | .2 | .1 | | | | | | | | | | | | | | | | | 140 | 140 | 176 | 93 | | | | | | | | | |
| 40/ 39 | .5 | 4.5 | 1.3 | .1 | .1 | | | | | | | | | | | | | | | | | 132 | 132 | 160 | 131 | | | | | | | | | |
| 38/ 37 | 2.2 | 7.2 | 1.5 | .2 | | | | | | | | | | | | | | | | | | 255 | 255 | 240 | 161 | | | | | | | | | |
| 36/ 35 | 1.4 | 6.8 | 1.9 | .2 | | | | | | | | | | | | | | | | | | 287 | 287 | 279 | 238 | | | | | | | | | |
| 34/ 33 | 3.6 | 7.2 | 1.2 | .2 | | | | | | | | | | | | | | | | | | 340 | 340 | 380 | 293 | | | | | | | | | |
| 32/ 31 | 1.5 | 4.8 | .8 | | | | | | | | | | | | | | | | | | | 183 | 183 | 333 | 286 | | | | | | | | | |
| 30/ 29 | 1.0 | 4.5 | .2 | | | | | | | | | | | | | | | | | | | 159 | 159 | 179 | 271 | | | | | | | | | |
| 28/ 27 | 5.1 | 3.2 | .6 | .2 | | | | | | | | | | | | | | | | | | 240 | 240 | 226 | 322 | | | | | | | | | |
| 26/ 25 | 2.9 | 2.2 | .1 | .1 | | | | | | | | | | | | | | | | | | 150 | 150 | 151 | 196 | | | | | | | | | |
| 24/ 23 | 2.1 | 1.3 | .2 | | | | | | | | | | | | | | | | | | | 97 | 97 | 117 | 171 | | | | | | | | | |
| 22/ 21 | 1.2 | .7 | .1 | | | | | | | | | | | | | | | | | | | 56 | 56 | 65 | 82 | | | | | | | | | |
| 20/ 19 | 1.7 | .9 | .2 | | | | | | | | | | | | | | | | | | | 74 | 74 | 73 | 152 | | | | | | | | | |
| 18/ 17 | .6 | .6 | | | | | | | | | | | | | | | | | | | | 32 | 32 | 57 | 57 | | | | | | | | | |
| 16/ 15 | .3 | .2 | .1 | | | | | | | | | | | | | | | | | | | 16 | 16 | 16 | 53 | | | | | | | | | |
| 14/ 13 | .1 | .2 | | | | | | | | | | | | | | | | | | | | 7 | 7 | 13 | 35 | | | | | | | | | |
| 12/ 11 | .2 | .2 | | | | | | | | | | | | | | | | | | | | 6 | 6 | 9 | 21 | | | | | | | | | |
| 10/ 9 | .4 | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 23 | | | | | | | | | |
| 8/ 7 | .3 | .1 | | | | | | | | | | | | | | | | | | | | 12 | 12 | 9 | 12 | | | | | | | | | |
| 6/ 5 | .1 | .1 | | | | | | | | | | | | | | | | | | | | 6 | 6 | 9 | 17 | | | | | | | | | |
| 4/ 3 | .0 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| -2/ -3 | .0 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 | | | | | | | | | |
| -4/ -5 | .1 | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 5 | | | | | | | | | |
| Element (X) | Σ X | | | | | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | ≤ 6 F | ≤ 20 F | ≤ 47 F | ≤ 70 F | ≤ 80 F | ≤ 90 F | Total | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 44 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

4

DFC
MONTH

ALL
HOURS (L. S. T.)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1745 STATION SCHWAEBELCH HALL AAF DL 73-23 YEARS ALL MONTH

PAGE 1 ALL HOURS (L. S. Y.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL
O.S./W.S. | TOTAL | | |
|--------------|-------------------------------------|-----|----------------|-----|----------------|------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|----------|-----------------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 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 | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | 8 | 8 | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | 25 | 25 | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | 57 | 57 | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | 115 | 115 | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | 285 | 285 | | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | 308 | 308 | | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | 522 | 522 | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | 570 | 570 | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | 601 | 601 | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | 737 | 738 | 13 | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | 891 | 891 | 131 | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | 785 | 785 | 286 | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | 1172 | 1102 | 725 | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | 1992 | 1992 | 1142 | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | 1486 | 1486 | 1553 | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | 1773 | 1774 | 1735 | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | 1492 | 1492 | 1862 | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | 1557 | 1550 | 1961 | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | 1620 | 1620 | 2258 | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | 1515 | 1516 | 2063 | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | 1166 | 1166 | 1987 | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | 1535 | 1535 | 2038 | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | 2558 | 2559 | 2093 | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | 1655 | 1656 | 1860 | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | 1926 | 1927 | 1970 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | 1666 | 1666 | 1918 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | 1652 | 1653 | 2180 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | 1646 | 1646 | 1902 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | 1556 | 1556 | 2188 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | 936 | 936 | 1554 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | 908 | 908 | 967 | | | | |
| Element (X) | Σ ₁ | | Σ ₂ | | Σ ₃ | | Σ ₄ | | Σ ₅ | | Σ ₆ | | Σ ₇ | | Σ ₈ | | Σ ₉ | | Σ ₁₀ | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

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

2

4

71-57

YEARS

ALL

PAGE 7

ALL
HOURS 11-5 P.M.

USAFETAC
FORM
JA 44
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

1 7450 SCHWAEBISCH HALL AAF DL

73-83

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|-----------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS. LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | |
| C-08 | MEAN | 30.5 | 30.5 | 37.4 | 39.8 | 47.9 | 55.3 | 57.5 | 56.7 | 51.7 | 43.3 | 37.7 | 32.3 | 43.6 | | | | | | | | | | | |
| | S D | 9.992 | 7.694 | 7.382 | 6.620 | 6.727 | 6.478 | 5.274 | 5.575 | 6.357 | 6.956 | 7.694 | 9.485 | 12.193 | | | | | | | | | | | |
| | TOTAL OBS | 612 | 565 | 643 | 616 | 603 | 611 | 625 | 658 | 578 | 642 | 557 | 545 | 7255 | | | | | | | | | | | |
| -11 | MEAN | 31.5 | 32.9 | 40.9 | 46.1 | 55.1 | 62.4 | 64.2 | 64.2 | 58.7 | 47.0 | 39.7 | 33.5 | 48.2 | | | | | | | | | | | |
| | S D | 9.504 | 7.151 | 7.489 | 7.989 | 8.155 | 8.067 | 7.509 | 6.408 | 7.450 | 7.321 | 7.952 | 9.079 | 14.355 | | | | | | | | | | | |
| | TOTAL OBS | 630 | 577 | 663 | 627 | 619 | 624 | 632 | 662 | 623 | 648 | 564 | 608 | 7477 | | | | | | | | | | | |
| 12-14 | MEAN | 34.5 | 37.3 | 45.4 | 50.4 | 58.8 | 65.8 | 67.9 | 68.6 | 64.1 | 51.7 | 42.9 | 35.8 | 52.2 | | | | | | | | | | | |
| | S D | 8.274 | 7.254 | 8.322 | 9.399 | 9.279 | 9.124 | 8.636 | 7.339 | 8.560 | 8.280 | 8.751 | 8.009 | 14.945 | | | | | | | | | | | |
| | TOTAL OBS | 632 | 573 | 662 | 627 | 618 | 624 | 632 | 663 | 624 | 648 | 566 | 603 | 7472 | | | | | | | | | | | |
| 15-17 | MEAN | 34.9 | 38.2 | 46.6 | 51.7 | 60.3 | 67.0 | 69.4 | 69.9 | 65.3 | 52.3 | 42.9 | 35.9 | 53.1 | | | | | | | | | | | |
| | S D | 8.414 | 7.417 | 8.478 | 9.695 | 9.529 | 9.603 | 8.942 | 7.935 | 8.829 | 8.233 | 8.703 | 7.996 | 15.367 | | | | | | | | | | | |
| | TOTAL OBS | 625 | 568 | 649 | 614 | 593 | 615 | 620 | 658 | 578 | 644 | 554 | 564 | 7286 | | | | | | | | | | | |
| 18-20 | MEAN | 33.0 | 35.3 | 43.7 | 49.1 | 57.9 | 64.4 | 67.5 | 67.1 | 61.5 | 48.4 | 40.3 | 34.3 | 50.8 | | | | | | | | | | | |
| | S D | 8.914 | 6.444 | 7.910 | 8.975 | 8.763 | 8.853 | 8.298 | 7.340 | 8.236 | 7.239 | 7.841 | 8.284 | 14.821 | | | | | | | | | | | |
| | TOTAL OBS | 561 | 537 | 617 | 588 | 549 | 567 | 592 | 634 | 494 | 624 | 532 | 376 | 6671 | | | | | | | | | | | |
| 1-23 | MEAN | 30.9 | 32.9 | 42.9 | 45.3 | 54.6 | 60.3 | 63.5 | 62.4 | 58.7 | 48.0 | 40.0 | 33.4 | 47.4 | | | | | | | | | | | |
| | S D | 9.075 | 6.950 | 7.010 | 7.426 | 8.191 | 6.460 | 6.261 | 5.746 | 6.756 | 6.034 | 8.199 | 9.617 | 13.453 | | | | | | | | | | | |
| | TOTAL OBS | 105 | 102 | 124 | 111 | 106 | 89 | 96 | 107 | 63 | 109 | 104 | 76 | 1192 | | | | | | | | | | | |
| | MEAN | | | | | | | | | | | | | | | | | | | | | | | | |
| | S D | | | | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | | | | | | | | | | | | |
| | MEAN | | | | | | | | | | | | | | | | | | | | | | | | |
| | S D | | | | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 32.8 | 34.8 | 42.8 | 47.3 | 55.9 | 62.9 | 65.2 | 65.2 | 60.2 | 48.5 | 40.7 | 34.4 | 49.5 | | | | | | | | | | | |
| | S D | 9.196 | 7.730 | 8.540 | 9.534 | 9.560 | 9.391 | 8.861 | 8.346 | 9.258 | 8.230 | 8.427 | 8.838 | 14.741 | | | | | | | | | | | |
| | TOTAL OBS | 3165 | 2922 | 3358 | 3103 | 3088 | 3130 | 3197 | 3382 | 2960 | 3318 | 2877 | 2774 | 37383 | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1 7450 SCHWAEBISCH HALL AAF DL

73-83

STATION

STATION NAME

YEARS

| HRS | LST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 6-07 | MEAN | 29.6 | 29.7 | 36.3 | 37.7 | 45.3 | 52.3 | 54.5 | 54.5 | 50.1 | 42.1 | 36.5 | 31.1 | 41.9 |
| | S D | 9.589 | 7.376 | 6.950 | 6.135 | 5.886 | 5.730 | 4.402 | 5.059 | 5.744 | 6.417 | 7.173 | 9.203 | 11.360 |
| | TOTAL OBS | 612 | 565 | 643 | 615 | 603 | 611 | 625 | 658 | 577 | 642 | 557 | 545 | 7253 |
| 7-11 | MEAN | 30.4 | 31.5 | 38.2 | 41.5 | 49.2 | 55.8 | 57.8 | 58.2 | 54.4 | 44.7 | 37.8 | 32.1 | 44.5 |
| | S D | 9.044 | 6.655 | 6.551 | 6.288 | 5.838 | 5.887 | 4.862 | 4.430 | 5.789 | 6.243 | 7.081 | 8.332 | 12.026 |
| | TOTAL OBS | 630 | 577 | 663 | 627 | 619 | 624 | 632 | 662 | 623 | 648 | 563 | 608 | 7476 |
| 12-14 | MEAN | 32.7 | 34.7 | 40.8 | 43.6 | 50.8 | 56.9 | 59.0 | 59.7 | 56.7 | 47.4 | 40.0 | 33.9 | 46.6 |
| | S D | 7.849 | 6.227 | 6.694 | 6.578 | 6.131 | 6.007 | 5.072 | 4.717 | 6.135 | 6.578 | 7.234 | 7.197 | 11.642 |
| | TOTAL OBS | 632 | 573 | 662 | 627 | 618 | 624 | 631 | 663 | 624 | 648 | 565 | 603 | 7470 |
| 15-17 | MEAN | 33.1 | 35.3 | 41.5 | 44.4 | 51.5 | 57.5 | 59.6 | 59.9 | 57.3 | 47.9 | 40.0 | 34.0 | 47.0 |
| | S D | 7.876 | 6.070 | 6.569 | 6.491 | 6.060 | 6.024 | 5.034 | 4.599 | 6.210 | 6.561 | 7.323 | 7.181 | 11.656 |
| | TOTAL OBS | 624 | 568 | 649 | 613 | 593 | 615 | 620 | 658 | 578 | 644 | 554 | 568 | 7284 |
| 18-22 | MEAN | 31.9 | 33.4 | 40.0 | 43.1 | 50.5 | 56.6 | 59.0 | 59.2 | 56.0 | 45.8 | 38.4 | 32.8 | 46.0 |
| | S D | 8.411 | 5.774 | 6.679 | 6.330 | 5.810 | 5.838 | 4.797 | 4.380 | 6.064 | 6.283 | 6.993 | 7.637 | 11.725 |
| | TOTAL OBS | 561 | 537 | 617 | 588 | 549 | 567 | 592 | 634 | 494 | 624 | 532 | 376 | 6671 |
| 1-23 | MEAN | 29.9 | 31.4 | 40.0 | 41.1 | 49.2 | 54.9 | 57.6 | 57.7 | 55.0 | 45.8 | 38.3 | 31.9 | 44.1 |
| | S D | 8.603 | 6.560 | 6.299 | 5.862 | 5.877 | 4.909 | 4.422 | 4.337 | 5.718 | 5.242 | 7.567 | 8.949 | 11.620 |
| | TOTAL OBS | 105 | 102 | 124 | 111 | 106 | 89 | 96 | 107 | 63 | 109 | 104 | 76 | 1192 |
| | MEAN | | | | | | | | | | | | | |
| | S D | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| | MEAN | | | | | | | | | | | | | |
| | S D | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 31.5 | 32.8 | 39.3 | 42.0 | 49.4 | 55.8 | 58.0 | 58.3 | 54.9 | 45.6 | 38.5 | 32.8 | 45.2 |
| | S D | 8.682 | 6.770 | 6.952 | 6.761 | 6.337 | 6.151 | 5.149 | 5.032 | 6.502 | 6.698 | 7.294 | 8.054 | 11.629 |
| | TOTAL OBS | 3164 | 2922 | 3358 | 3181 | 3088 | 3130 | 3196 | 3302 | 2959 | 3315 | 2875 | 2776 | 37396 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1 7450 SCHWAEBISCH HALL AAF DL

73-83

STATION

STATION NAME

YEARS

| HRS | LST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 6-00 | MEAN | 26.0 | 27.9 | 33.9 | 34.9 | 42.5 | 49.7 | 52.2 | 52.7 | 48.8 | 40.9 | 34.8 | 29.0 | 39.9 |
| | S D | 9.817 | 8.001 | 7.506 | 6.689 | 6.251 | 5.997 | 4.766 | 5.284 | 5.769 | 6.338 | 7.292 | 9.366 | 11.471 |
| | TOTAL OBS | 612 | 565 | 643 | 615 | 603 | 611 | 625 | 658 | 577 | 642 | 557 | 545 | 7253 |
| -11 | MEAN | 28.2 | 28.8 | 34.8 | 36.0 | 43.6 | 50.5 | 53.1 | 53.8 | 50.9 | 42.3 | 35.3 | 29.8 | 40.8 |
| | S D | 9.474 | 7.433 | 7.064 | 6.959 | 6.183 | 6.203 | 5.052 | 5.000 | 5.807 | 6.172 | 6.993 | 8.513 | 11.553 |
| | TOTAL OBS | 630 | 577 | 663 | 627 | 619 | 624 | 632 | 662 | 623 | 648 | 563 | 608 | 7476 |
| 1-14 | MEAN | 29.7 | 30.6 | 35.1 | 35.7 | 43.4 | 50.1 | 52.6 | 53.2 | 51.1 | 43.3 | 36.5 | 30.9 | 41.2 |
| | S D | 8.758 | 6.974 | 7.316 | 7.172 | 6.643 | 6.344 | 5.478 | 5.720 | 6.326 | 6.851 | 7.002 | 7.595 | 11.087 |
| | TOTAL OBS | 632 | 573 | 662 | 627 | 618 | 624 | 631 | 663 | 624 | 648 | 565 | 603 | 7470 |
| 1-17 | MEAN | 30.2 | 31.0 | 35.1 | 36.0 | 43.7 | 50.3 | 52.5 | 52.7 | 51.2 | 43.6 | 36.5 | 31.0 | 41.3 |
| | S D | 8.631 | 6.530 | 7.242 | 7.107 | 6.574 | 6.323 | 5.556 | 5.492 | 6.298 | 6.916 | 7.300 | 7.718 | 10.938 |
| | TOTAL OBS | 624 | 568 | 649 | 613 | 593 | 615 | 620 | 658 | 578 | 644 | 554 | 568 | 7284 |
| -20 | MEAN | 29.9 | 30.2 | 35.4 | 36.2 | 43.7 | 50.6 | 52.8 | 53.5 | 51.8 | 43.2 | 35.8 | 30.4 | 41.5 |
| | S D | 8.920 | 6.556 | 7.396 | 6.777 | 6.324 | 6.239 | 5.127 | 5.205 | 6.046 | 6.390 | 7.128 | 8.331 | 11.077 |
| | TOTAL OBS | 561 | 537 | 617 | 588 | 549 | 567 | 592 | 634 | 494 | 624 | 532 | 376 | 6671 |
| 1-23 | MEAN | 28.1 | 28.4 | 36.4 | 35.9 | 44.1 | 50.6 | 53.2 | 54.4 | 52.0 | 43.5 | 36.3 | 29.3 | 40.7 |
| | S D | 8.922 | 7.609 | 7.108 | 6.577 | 6.327 | 5.695 | 4.789 | 4.636 | 5.704 | 5.426 | 7.708 | 9.809 | 11.502 |
| | TOTAL OBS | 105 | 102 | 124 | 111 | 106 | 89 | 96 | 107 | 63 | 109 | 104 | 76 | 1192 |
| | MEAN | | | | | | | | | | | | | |
| | S D | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| | MEAN | | | | | | | | | | | | | |
| | S D | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 29.1 | 29.6 | 34.9 | 35.8 | 43.4 | 50.3 | 52.6 | 53.2 | 50.8 | 42.7 | 35.8 | 30.2 | 40.9 |
| | S D | 9.163 | 7.227 | 7.317 | 6.942 | 6.408 | 6.211 | 5.198 | 5.344 | 6.130 | 6.877 | 7.187 | 8.384 | 11.254 |
| | TOTAL OBS | 3164 | 2922 | 3388 | 3181 | 3088 | 3130 | 3196 | 3382 | 2959 | 3315 | 2875 | 2776 | 37394 |

RELATIVE HUMIDITY

74-83

JAN
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 89.4 | 57.7 | 93.5 | 612 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 96.3 | 79.7 | 45.1 | 87.8 | 630 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.7 | 86.7 | 62.0 | 27.4 | 82.8 | 632 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.9 | 88.6 | 64.6 | 27.6 | 83.3 | 624 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.4 | 96.1 | 84.3 | 47.4 | 88.4 | 561 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 98.1 | 86.7 | 54.3 | 89.7 | 105 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.6 | 94.1 | 77.8 | 43.3 | 87.1 | 3164 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

74-83

FEB
MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 0-02 | | | | | | | | | | | |
| | 3-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.5 | 97.0 | 88.7 | 59.1 | 90.4 | 565 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.3 | 98.4 | 96.0 | 88.7 | 72.6 | 42.3 | 85.7 | 577 |
| | 12-14 | 100.0 | 100.0 | 99.8 | 98.8 | 94.6 | 86.4 | 68.2 | 50.3 | 23.9 | 78.0 | 573 |
| | 15-17 | 100.0 | 100.0 | 99.3 | 97.9 | 94.7 | 83.1 | 66.9 | 46.8 | 20.8 | 76.7 | 568 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.8 | 98.1 | 93.7 | 81.6 | 61.8 | 31.7 | 82.4 | 537 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 98.0 | 97.1 | 87.3 | 65.7 | 39.2 | 84.3 | 102 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 99.3 | 97.3 | 92.6 | 81.6 | 64.3 | 36.2 | 82.9 | 2922 |

USAFETAC FORM 0-87-5 (OL A)
JUL 64

RELATIVE HUMIDITY

MAR
MONTH

| MONTH | HOURS
(L.S.T) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|-------|------------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-04 | | | | | | | | | | | |
| | 05-09 | | | | | | | | | | | |
| | 10-14 | 100.0 | 100.0 | 100.0 | 99.8 | 99.4 | 98.6 | 92.7 | 78.5 | 46.2 | 97.3 | 643 |
| | 15-19 | 100.0 | 100.0 | 100.0 | 99.7 | 97.4 | 92.2 | 75.4 | 53.1 | 22.9 | 87.0 | 563 |
| | 20-24 | 100.0 | 100.0 | 99.7 | 97.3 | 88.1 | 68.3 | 44.9 | 23.7 | 8.8 | 68.9 | 562 |
| | 25-29 | 100.0 | 100.0 | 99.7 | 95.2 | 80.6 | 63.0 | 37.1 | 20.3 | 3.6 | 66.2 | 689 |
| | 30-34 | 100.0 | 100.0 | 100.0 | 98.7 | 93.4 | 79.3 | 59.0 | 34.8 | 17.8 | 74.0 | 617 |
| | 35-39 | 100.0 | 100.0 | 100.0 | 100.0 | 96.9 | 92.7 | 74.2 | 46.3 | 21.8 | 78.8 | 124 |
| | 40-44 | | | | | | | | | | | |
| | 45-49 | | | | | | | | | | | |
| | 50-54 | | | | | | | | | | | |
| | 55-59 | | | | | | | | | | | |
| | 60-64 | | | | | | | | | | | |
| | 65-69 | | | | | | | | | | | |
| | 70-74 | | | | | | | | | | | |
| | 75-79 | | | | | | | | | | | |
| | 80-84 | | | | | | | | | | | |
| | 85-89 | | | | | | | | | | | |
| | 90-94 | | | | | | | | | | | |
| | 95-99 | | | | | | | | | | | |
| | TOTALS | 100.0 | 100.0 | 99.9 | 98.5 | 92.6 | 82.4 | 63.9 | 42.9 | 21.0 | 75.9 | 3350 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

APR
MONTH

| 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% | | |
| A.P. | 00-01 | | | | | | | | | | | |
| | 02-03 | | | | | | | | | | | |
| | 04-05 | 100.0 | 100.0 | 100.0 | 99.8 | 99.3 | 95.9 | 85.4 | 63.6 | 33.2 | 83.3 | 615 |
| | 06-11 | 100.0 | 100.0 | 99.4 | 95.9 | 87.2 | 69.5 | 49.3 | 33.0 | 9.6 | 69.9 | 627 |
| | 12-14 | 100.0 | 100.0 | 97.1 | 83.1 | 65.2 | 46.4 | 31.6 | 16.9 | 4.6 | 60.1 | 627 |
| | 15-17 | 100.0 | 99.5 | 93.1 | 78.3 | 61.2 | 42.7 | 28.2 | 15.7 | 5.5 | 58.4 | 613 |
| | 18-20 | 100.0 | 99.8 | 97.6 | 88.9 | 74.5 | 54.8 | 38.8 | 22.1 | 8.2 | 63.9 | 598 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.2 | 86.5 | 72.1 | 55.9 | 36.0 | 11.7 | 71.4 | 111 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 97.9 | 90.7 | 79.0 | 63.6 | 48.2 | 31.2 | 12.1 | 67.8 | 3181 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

PERIOD

44 Y
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 0-02 | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 93.5 | 82.9 | 59.5 | 31.3 | 82.3 | 603 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 96.3 | 81.7 | 62.2 | 43.1 | 25.2 | 9.9 | 67.3 | 619 |
| | 12-14 | 100.0 | 100.0 | 97.9 | 85.0 | 63.6 | 41.1 | 28.8 | 16.2 | 7.3 | 59.5 | 618 |
| | 15-17 | 100.0 | 100.0 | 96.1 | 79.9 | 57.2 | 37.3 | 25.6 | 13.8 | 7.9 | 57.3 | 593 |
| | 18-20 | 100.0 | 100.0 | 99.3 | 98.7 | 69.8 | 47.4 | 33.2 | 17.1 | 7.3 | 61.7 | 549 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.1 | 85.8 | 65.1 | 47.2 | 29.2 | 16.0 | 69.6 | 106 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.9 | 91.5 | 76.2 | 57.8 | 43.5 | 26.8 | 13.3 | 66.3 | 3088 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

7
73-82

JUN
MONTH

| 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 | 01-02 | | | | | | | | | | | |
| | 3-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.4 | 87.6 | 55.8 | 25.7 | 82.2 | 611 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.1 | 86.2 | 63.9 | 40.2 | 18.1 | 5.9 | 66.8 | 624 |
| | 12-14 | 100.0 | 100.0 | 99.4 | 98.3 | 66.7 | 40.9 | 24.7 | 12.3 | 3.0 | 59.0 | 624 |
| | 15-17 | 100.0 | 100.0 | 97.9 | 83.6 | 61.0 | 38.2 | 23.6 | 13.3 | 3.9 | 57.6 | 615 |
| | 18-20 | 100.0 | 100.0 | 99.1 | 92.2 | 72.5 | 51.5 | 36.0 | 18.9 | 5.6 | 63.1 | 561 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 93.3 | 71.9 | 53.9 | 28.1 | 9.0 | 71.7 | 89 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.4 | 93.7 | 79.9 | 60.5 | 44.3 | 24.4 | 8.9 | 66.7 | 3130 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

73-82

JUL
MONTH

| 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 | 7-9 | | | | | | | | | | | |
| | 7-10 | | | | | | | | | | | |
| | 7-10 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 95.4 | 87.7 | 65.5 | 29.4 | 83.0 | 625 |
| | 7-11 | 100.0 | 99.8 | 99.2 | 98.8 | 90.7 | 68.0 | 44.5 | 25.5 | 17.1 | 69.0 | 632 |
| | 7-14 | 100.0 | 99.8 | 97.5 | 91.6 | 68.7 | 43.6 | 26.5 | 15.4 | 6.2 | 60.4 | 631 |
| | 7-17 | 100.0 | 99.5 | 96.8 | 94.5 | 61.5 | 36.1 | 24.8 | 13.9 | 5.3 | 57.7 | 620 |
| | 7-21 | 100.0 | 100.0 | 97.6 | 91.2 | 73.5 | 46.6 | 29.1 | 15.4 | 6.1 | 61.6 | 592 |
| | 7-23 | 100.0 | 100.0 | 100.0 | 99.0 | 94.8 | 75.0 | 45.8 | 19.8 | 9.4 | 70.2 | 96 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | | 99.9 | 98.5 | 93.9 | 81.2 | 62.8 | 43.0 | 25.1 | 11.1 | 67.0 | 3194 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

1 7450
STATION

SCHWAEBISCH HALL AAF DL
STATION NAME

73-82

AUG
MONTH

| 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% | | |
| A 6 | J0-02 | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 93.8 | 72.2 | 40.3 | 86.7 | 658 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.8 | 91.8 | 69.8 | 50.8 | 26.1 | 9.5 | 70.5 | 662 |
| | 12-14 | 100.0 | 100.0 | 98.9 | 92.6 | 66.4 | 43.0 | 26.1 | 12.7 | 3.9 | 59.9 | 663 |
| | 15-17 | 100.0 | 100.0 | 97.3 | 83.4 | 58.1 | 38.3 | 23.9 | 10.3 | 2.9 | 56.8 | 658 |
| | 18-20 | 100.0 | 100.0 | 99.1 | 91.8 | 75.7 | 54.7 | 35.3 | 18.1 | 7.3 | 64.0 | 634 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 88.8 | 62.6 | 31.8 | 15.9 | 75.9 | 107 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.2 | 94.4 | 81.9 | 65.5 | 48.8 | 28.5 | 13.3 | 69.0 | 3382 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

SEP
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.4 | 96.7 | 85.6 | 58.9 | 90.1 | 577 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 98.2 | 86.5 | 70.0 | 38.8 | 16.1 | 76.5 | 623 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.2 | 80.4 | 56.3 | 32.5 | 14.1 | 5.1 | 64.3 | 624 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 97.2 | 75.3 | 50.3 | 26.5 | 11.6 | 3.8 | 61.9 | 578 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.2 | 93.7 | 76.1 | 54.5 | 29.6 | 10.7 | 71.9 | 494 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.2 | 82.5 | 38.1 | 15.9 | 78.9 | 63 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.2 | 91.2 | 77.1 | 60.5 | 36.3 | 18.4 | 73.9 | 2959 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

OCT
MONTH

| 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 | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.5 | 86.9 | 65.9 | 91.2 | 642 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 96.8 | 86.4 | 65.0 | 37.5 | 84.1 | 648 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.4 | 92.9 | 81.3 | 63.0 | 37.0 | 16.4 | 74.4 | 648 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.7 | 92.4 | 79.0 | 61.8 | 35.6 | 16.1 | 73.8 | 644 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 95.5 | 85.6 | 60.9 | 33.5 | 82.7 | 624 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 98.2 | 91.7 | 65.1 | 38.5 | 84.9 | 109 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 97.3 | 91.8 | 81.0 | 58.4 | 34.7 | 81.9 | 3315 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

PERIOD

NOV
MONTH

| 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% | | |
| N OV | 0-02 | | | | | | | | | | | |
| | 3-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 97.8 | 95.3 | 87.4 | 60.5 | 89.8 | 557 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 96.8 | 89.2 | 71.2 | 40.0 | 84.8 | 563 |
| | 12-14 | 100.0 | 100.0 | 99.6 | 99.3 | 97.9 | 91.7 | 72.6 | 49.9 | 25.7 | 79.3 | 565 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.5 | 97.1 | 90.6 | 76.5 | 50.2 | 24.2 | 79.3 | 554 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 99.8 | 99.2 | 96.6 | 89.1 | 67.1 | 39.3 | 84.6 | 532 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.1 | 96.2 | 76.0 | 47.1 | 87.1 | 104 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 99.8 | 98.8 | 95.3 | 86.5 | 67.0 | 39.5 | 84.2 | 2875 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

PERIOD

DEC
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 0-02 | | | | | | | | | | | |
| | 3-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 97.6 | 93.8 | 78.0 | 53.8 | 88.4 | 545 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 99.5 | 98.5 | 91.6 | 75.3 | 45.6 | 86.7 | 608 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.7 | 98.3 | 95.7 | 85.2 | 62.2 | 31.3 | 82.9 | 603 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.6 | 97.9 | 95.2 | 86.4 | 64.6 | 32.4 | 82.9 | 568 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.5 | 97.3 | 96.3 | 90.4 | 78.5 | 48.4 | 86.3 | 376 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 94.7 | 93.4 | 86.8 | 75.0 | 47.4 | 85.8 | 76 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.8 | 97.8 | 96.1 | 89.0 | 72.3 | 43.2 | 85.5 | 2776 |

PC000000

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1 7452 SCHAEBISCH HALL AAF DL 73-83 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 | 100.0 | 100.0 | 99.9 | 98.6 | 94.1 | 77.8 | 43.3 | 87.1 | 3164 |
| FEB | | 100.0 | 100.0 | 99.9 | 99.3 | 97.3 | 92.6 | 81.6 | 64.3 | 36.2 | 82.9 | 2922 |
| MAR | | 100.0 | 100.0 | 99.9 | 98.5 | 92.6 | 82.4 | 63.9 | 42.9 | 21.0 | 75.9 | 3358 |
| APR | | 100.0 | 99.9 | 97.9 | 90.7 | 79.0 | 63.6 | 48.2 | 31.2 | 12.1 | 67.8 | 3181 |
| MAY | | 100.0 | 100.0 | 98.9 | 91.5 | 76.2 | 57.8 | 43.5 | 26.8 | 13.3 | 66.3 | 3088 |
| JUN | | 100.0 | 100.0 | 99.4 | 93.7 | 79.9 | 60.5 | 44.3 | 24.4 | 8.9 | 66.7 | 3130 |
| JUL | | 100.0 | 99.9 | 98.5 | 93.9 | 81.2 | 60.8 | 43.0 | 25.1 | 11.1 | 67.0 | 3196 |
| AUG | | 100.0 | 100.0 | 99.2 | 94.4 | 81.9 | 65.5 | 48.8 | 28.5 | 13.3 | 69.0 | 3382 |
| SEP | | 100.0 | 100.0 | 100.0 | 99.2 | 91.2 | 77.1 | 60.5 | 36.3 | 18.4 | 73.9 | 2959 |
| OCT | | 100.0 | 100.0 | 100.0 | 99.9 | 97.3 | 91.8 | 81.0 | 58.4 | 34.7 | 81.9 | 3315 |
| NOV | | 100.0 | 100.0 | 99.9 | 99.8 | 98.8 | 95.3 | 86.5 | 67.0 | 39.5 | 84.2 | 2875 |
| DEC | | 100.0 | 100.0 | 100.0 | 99.8 | 97.8 | 96.1 | 89.0 | 72.3 | 43.2 | 85.5 | 2776 |
| TOTALS | | 100.0 | 100.0 | 99.5 | 96.7 | 89.4 | 78.5 | 65.4 | 46.3 | 24.6 | 75.7 | 37346 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

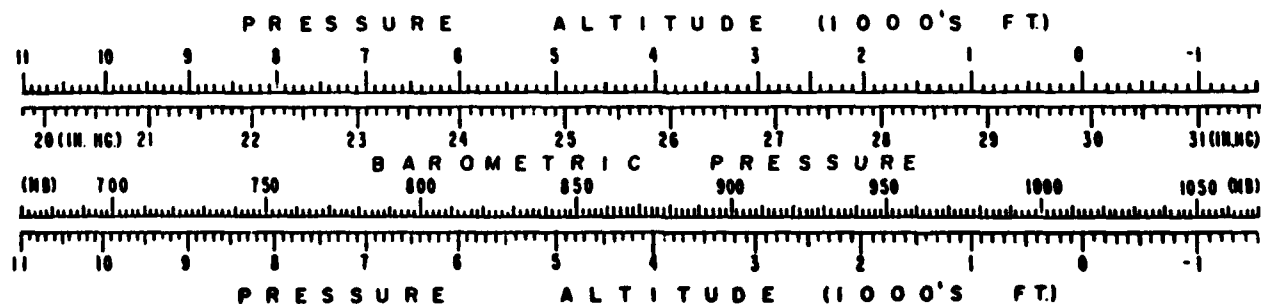
PRESSURE SUMMARY

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. DATA NOT AVAILABLE

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

107450 SCHWAEBISCH HALL AAF DL

73-83

| HRS L | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 03 | MEAN | | | | | | | | | | | | | |
| | S D | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| 05 | MEAN | | | | | | | | | | | | | |
| | S D | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| 07 | MEAN | 28.63528 | 28.58828 | 28.52528 | 28.56028 | 28.57028 | 28.64128 | 28.63728 | 28.67328 | 28.69028 | 28.60828 | 28.65128 | 28.566 | 28.612 |
| | S D | .299 | .328 | .260 | .192 | .198 | .142 | .130 | .134 | .179 | .268 | .279 | .357 | .244 |
| | TOTAL OBS | 205 | 190 | 212 | 207 | 204 | 203 | 208 | 220 | 192 | 209 | 186 | 174 | 2410 |
| 10 | MEAN | 28.65128 | 28.60228 | 28.54828 | 28.57228 | 28.57828 | 28.64728 | 28.64228 | 28.68128 | 28.70728 | 28.62328 | 28.67528 | 28.571 | 28.625 |
| | S D | .295 | .332 | .259 | .191 | .198 | .141 | .128 | .133 | .173 | .274 | .280 | .371 | .247 |
| | TOTAL OBS | 210 | 192 | 221 | 209 | 206 | 208 | 211 | 221 | 208 | 211 | 188 | 203 | 2488 |
| 17 | MEAN | 28.63728 | 28.59528 | 28.53328 | 28.55828 | 28.57028 | 28.63728 | 28.63228 | 28.66728 | 28.69228 | 28.60928 | 28.66328 | 28.548 | 28.612 |
| | S D | .295 | .331 | .258 | .192 | .192 | .139 | .126 | .130 | .169 | .274 | .274 | .375 | .246 |
| | TOTAL OBS | 211 | 191 | 221 | 209 | 206 | 208 | 211 | 221 | 208 | 211 | 189 | 202 | 2488 |
| 19 | MEAN | 28.62628 | 28.58128 | 28.51428 | 28.52928 | 28.56128 | 28.62128 | 28.61628 | 28.65328 | 28.66628 | 28.60128 | 28.66228 | 28.544 | 28.597 |
| | S D | .296 | .319 | .255 | .189 | .182 | .139 | .125 | .125 | .173 | .269 | .268 | .372 | .243 |
| | TOTAL OBS | 211 | 191 | 218 | 204 | 197 | 206 | 205 | 221 | 193 | 209 | 184 | 197 | 2436 |
| 19 | MEAN | 28.63628 | 28.61728 | 28.51928 | 28.53428 | 28.56428 | 28.61728 | 28.61028 | 28.65228 | 28.65928 | 28.61228 | 28.67028 | 28.533 | 28.603 |
| | S D | .307 | .312 | .258 | .188 | .178 | .142 | .124 | .127 | .171 | .270 | .266 | .375 | .238 |
| | TOTAL OBS | 184 | 178 | 206 | 200 | 188 | 193 | 201 | 218 | 169 | 201 | 177 | 126 | 2238 |
| 22 | MEAN | | | | | | | | | | | | | |
| | S D | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 28.63728 | 28.59628 | 28.52828 | 28.55128 | 28.56928 | 28.63328 | 28.62628 | 28.66528 | 28.68428 | 28.61028 | 28.64428 | 28.554 | 28.610 |
| | S D | .297 | .324 | .258 | .191 | .189 | .141 | .127 | .130 | .174 | .271 | .273 | .369 | .244 |
| | TOTAL OBS | 1021 | 942 | 1078 | 1029 | 1001 | 1018 | 1036 | 1098 | 970 | 1041 | 924 | 902 | 12060 |

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8