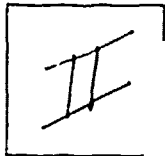


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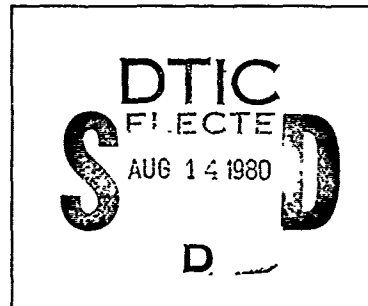
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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SCHWAEBISCH HALL AAF DL WBAN# 34074
N 49 07 E 009 47 FLD ELEV 1305 FT EDOP WMO# 10745

PARTS A-F
FOR FROM HOURLY OBS: MAR 68 - FEB 79
FOR FROM DAILY OBS: MAR 62 - MAY 65, MAY 67 - FEB 79

AUG 17 1979

FEDERAL BUILDING

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS-80/62	2 GOVT ACCESSION NO	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Schwaebisch Hall AAF, DL		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/CBD 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 17 Aug 79
		13 NUMBER OF PAGES
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		15a DECLASSIFICATION DOWNGRADING SCHEDULE
16 DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18 SUPPLEMENTARY NOTES		
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Schwaebisch Hall AAF, DL It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

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

*DL

** Schwaebisch Hall AAF, DL

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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I HAVE REVIEWED AND FOUND SATISFACTORY THIS PRODUCT

J. Bechert Aug 20, 1979

SCHWAEBISCH HALL AAF DL IS A LIMITED OBSERVATION
STATION. THE STATION OPERATED ON THE AVERAGE OF
14 HOURS A DAY (LESS ON WEEKENDS).

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ENVIRONMENTAL TECHNICAL
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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP

DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP

DATA NOT AVAILABLE

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

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 hours local standard time.

MISSING HOUR GROUPS

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

ANNUAL _____

APRIL _____

JULY _____

OCTOBER _____

MAY _____

AUGUST _____

NOVEMBER _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER			
34074	SCHWAEBISCH HALL AAF GERMANY	N 49 07	E 009 47	1305	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 BARO.	
1	Schwaebisch 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
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE			
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND				
1	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				

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A

PART A

WEATHER CONDITIONS

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

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

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

Thunderstorms - All reported occurrences of thunderstorms, 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 column. 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 SPA 6-
 USAFETAC
 AIR WEATHER SERVICE

WEATHER CONDITIONS

34074 SCHAEFEL FILL REF LL 3-75 3
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM MONTHLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAZ	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH C. ST. TO VIS. IN	TOTAL NO. OF OBS.
JAN.	00-02				40.0		40.0	40.0				40.0	3
	03-05		11.7	10.3	11.7		31.7	56.7				56.7	51
	06-08	.3	12.0	1.9	17.5		23.3	51.3	2.4			53.3	761
	09-11		13.1	.9	13.9		23.6	43.3	5.7			49.0	758
	12-14		13.1	.3	13.9		23.2	29.2	17.0			46.1	759
	15-17		14.9	.4	9.6		23.9	25.1	15.9			41.1	758
	18-20		13.6	.1	11.9		23.7	46.7	3.6			55.3	678
	21-23		6.5		3.3		15.7	52.3	3.6			58.3	116
TOTALS		.3	10.6	1.7	14.3		25.6	43.2	6.3			50.3	3952

GLOBAL CLIMATOLOGY UNIT
 USARP-TAC
 AIR WEATHER SERVICE/AF

WEATHER CONDITIONS

5407- STATION SCHAEFFEL FALL AFB TX YEAR 1977 FEB MONTH

REPORT THIS FRAME ON THE OCCURRENCE OF WEATHER
 CONDITIONS FROM YOUR OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREQUENT RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAZE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02				3.3		33.3		33.3			33.3	2
	03-05		22.8		19.5		48.2	25.0	3.5			20.5	54
	06-08	.3	12.7	.7	15.4		51.1	42.3	4.1			45.1	391
	09-11		12.7	.1	15.1		28.2	35.0	5.1			43.1	73
	12-14		11.2	.4	16.1		25.8	21.3	16.6			35.4	70
	15-17		13.6		15.3		26.3	16.6	15.5			33.1	70
	18-20		11.4		13.9		23.3	31.3	12.1			43.1	595
	21-23		13.1	1.5	13.1		28.2	44.3				44.3	41
TOTALS		.3	12.8	.4	20.5		32.4	25.5	13.6			40.5	3315

GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/ HQ

WEATHER CONDITIONS

34074 STATION SCHWAEBISCH HALL AFB AL 1973 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	00-02												
	03-05		3.2		9.7		12.9	38.7	6.5			45.2	62
	06-08		12.8		10.1		21.1	34.3	10.7			45.0	320
	09-11		9.8		12.4		21.4	21.7	16.7			38.4	336
	12-14		3.4		3.2		16.4	8.6	15.7			25.3	337
	15-17		10.8		7.4		17.6	5.6	14.0			19.6	323
	18-20		13.9		5.9		19.2	9.4	17.2			26.8	646
	21-23		11.1		2.8		13.9	5.6	13.9			19.4	36
TOTALS			10.0		5.1		17.5	17.7	13.7			31.4	4060

GLOBAL CLIMATE REPORT
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34074 STATION SCHAEFISCH HALL AAF 44 STATION NAME 08-71 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02												
	03-05		24.6		19.7		44.3	27.9	2.3			31.1	61
	06-08		15.1		6.2		20.2	22.9	11.6			34.4	796
	09-11		14.1		6.4		19.6	9.2	10.9			20.1	795
	12-14		12.3		4.7	.3	16.5	3.8	5.5			9.3	794
	15-17	.3	15.0		3.5		17.9	2.3	2.1			5.4	794
	18-20	.6	12.4		3.0		14.7	3.3	5.4			8.7	667
	21-23	1.2	8.4				8.4	8.4	24.1			32.5	83
TOTALS		.2	14.5		6.2	.0	20.2	11.1	9.1			20.2	3990

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/AF

WEATHER CONDITIONS

34074
 STATION

SCHWABISCH-PALL AAF DL
 STATION NAME

66-73

YEARS

114
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02												
	03-05	1.6	27.0				27.0	25.4	3.2			28.6	63
	06-08	.6	12.7			.1	13.9	25.0	3.7			33.7	508
	09-11	.4	12.5				12.6	6.4	7.7			14.1	310
	12-14	1.1	13.5				13.5	1.5	5.4			6.9	312
	15-17	2.6	14.0				14.0	.5	3.6			4.4	309
	18-20	2.5	12.5				12.5	3.5	4.8			3.2	664
	21-23	1.2	15.5				15.5	11.9	11.9			23.8	84
TOTALS		1.4	15.5			.2	15.6	10.7	6.5			17.1	4050

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

34074 STATION SCHWABISCH HALL AFB DL STATION NAME 66-76 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02								100.0			100.0	1
	03-05		4.4				4.4	41.2	5.8			47.1	68
	06-08	.2	13.1				13.1	26.4	8.8		.1	35.4	310
	09-11	.2	10.5				10.5	6.3	17.3			16.5	309
	12-14	3.0	12.0			.1	12.1	2.1	5.6			7.7	310
	15-17	4.1	12.5				12.5	1.4	4.3			5.7	309
	18-20	3.2	11.3				11.3	3.5	4.1			7.6	657
	21-23	1.1	13.6				13.6	13.6	6.8			20.5	88
TOTALS		1.3	9.7			.0	9.7	11.8	18.2		.0	30.1	4052

GLOBAL CLIMATE DATA CENTER
 USAFETAC
 AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

34074 Surf AFISCO - ALL AAF LL 68-72 JUL
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02												1
	03-05	3.2	4.8				4.8	33.3				33.3	63
	06-08	.9	7.6				7.6	28.6	9.7			38.3	791
	09-11	.4	6.4				8.4	5.3	12.2			17.5	796
	12-14	1.4	6.1				9.1	2.3	6.1			8.1	798
	15-17	2.9	7.8			.1	7.9	1.2	4.0			5.3	797
	18-20	1.4	7.8				7.8	1.2	3.6			5.0	657
	21-23		5.7				5.7	2.3	14.9			17.2	87
TOTALS		1.3	6.4			.0	6.4	9.3	6.3			15.6	3990

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

36074 STATION SURABEISU MAL RAF LG 1-76 YEARS 13 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
400	00-02		50.0				50.0						4
	03-05	3.3	21.5				21.5	49.4	1.3			50.6	79
	06-08	.5	13.3				13.3	36.7	3.2			44.8	21
	09-11	.2	10.2				10.2	12.3	15.0			27.3	22
	12-14	.7	9.9				9.9	3.2	10.0			13.1	22
	15-17	2.3	10.4			.1	10.5	1.1	10.1			11.2	21
	18-20	3.7	7.5				7.5	3.5	13.3			16.8	33
	21-23	4.3	10.7				10.7	10.7	8.3			18.7	75
TOTALS		1.3	16.7			.1	16.7	14.6	8.2			22.8	4127

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AF

WEATHER CONDITIONS

34074 SCHAEFELT HALL AAF DL 62-72 3Ep
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02												1
	03-05		4.3				4.3	70.1	3.4			73.5	117
	06-08	.1	8.3				8.3	52.2	3.3			56.1	751
	09-11	.4	9.1				9.1	23.8	16.7			40.5	756
	12-14	.1	8.9				8.9	3.2	12.2			15.3	757
	15-17	1.3	9.4				9.4	2.0	7.1			9.2	743
	18-20	.3	9.4				9.4	9.3	13.7			22.5	597
	21-23		21.7				21.7	30.4	8.7			39.1	23
TOTALS		.3	8.9				8.9	23.8	8.2			32.1	3745

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

34076 SCHWAEPISCH HALL AAF DL 68-72 OCT
 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.
OCT	00-02		36.8				36.8	57.9				57.9	19
	03-05		16.7				16.7	70.4	5.6			75.9	108
	06-08		13.2		.5		13.7	55.9	4.4			60.4	790
	09-11		13.8		.5		14.3	37.5	10.9			48.4	792
	12-14		12.7		.5		13.2	15.6	12.7			28.3	774
	15-17	.3	10.2		.3		10.5	10.4	16.3			26.6	792
	18-20	.3	12.7		.6		12.9	30.8	13.9			44.7	692
	21-23		18.7				18.7	32.1	17.0			49.1	112
TOTALS		.1	16.9		.3		17.0	38.8	10.1			48.9	4099

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAL
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

34074
 STATION

SCHAEFISC HALL AAF LL
 STATION NAME

2-75
 YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	03-02												
	03-05		11.7		15.0		26.7	16.7	5.0			21.7	60
	06-05		15.5	.5	9.4		25.0	40.5	1.5			42.0	741
	09-11		15.0	.7	12.3		27.3	30.0	3.9			34.0	739
	12-14		17.2	.5	8.3		24.4	18.7	9.7			28.4	743
	15-17		15.3	.4	7.3		22.0	18.0	11.5	.1		29.6	740
	18-20		13.7	.1	7.0		20.2	33.3	6.4			39.7	572
	21-23		13.3		3.9		16.4	42.2	3.9			45.1	128
TOTALS			14.7	.3	9.0		23.1	28.5	6.0	.0		34.5	3823

GLOBAL CLIMATELOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

34074 SCHNAEBISCH HALL AAF LL 6-7 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02							100.0				100.0	1
	03-05		1.6		39.1		40.6	46.9	6.3			53.1	64
	06-08		10.4	1.3	13.1		24.4	44.3	7.3			51.4	762
	09-11		11.2	1.7	10.0		22.4	40.0	6.0			48.0	762
	12-14		11.0	.5	9.2		21.0	30.1	12.9			43.0	754
	15-17		11.6	.6	9.2		21.7	31.0	13.5			44.5	748
	18-20		11.2	.5	14.2		25.0	47.3	9.9			57.2	556
	21-23		8.7	1.6	11.5		21.2	46.2	7.7			53.3	304
TOTALS			8.2	.5	13.3		22.0	48.2	8.2			55.4	3751

1
 GLOBAL CLIMATOLOGY STATION
 USAFETAC
 AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

84074 SCHAEFER HALL AAF LL 1952-71 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN.	ALL	.3	10.6	1.7	14.3		25.6	43.2	6.9			50.0	3992
FEB.		.3	12.6	.4	20.5		32.4	26.9	13.6			40.5	3515
MAR.			10.0		8.1		17.5	17.7	13.7			31.4	4060
APR.		.2	14.6		6.2	.3	20.2	11.1	9.1			23.2	3990
MAY		1.4	15.5			.3	15.6	10.7	6.5			17.1	4050
JUN.		1.5	9.7			.3	9.7	11.8	13.2		.0	30.1	4052
JUL.		1.2	6.4			.0	6.4	9.3	5.3			15.6	3990
AUG.		1.9	16.7			.0	16.7	14.6	3.2			22.8	4127
SEP.		.3	8.9				8.9	23.8	3.2			32.1	3745
OCT.		.1	15.9		.3		17.0	38.6	10.1			48.9	4099
NOV.			14.7	.3	9.0		23.1	28.5	6.0	.0		34.5	3823
DEC.			8.2	.5	13.3		22.0	48.2	8.2			56.4	3751
TOTALS		.6	12.1	.3	6.6	.0	17.5	23.7	9.6	.0	.0	33.3	47194

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

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

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

Continued on Reverse Side

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

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
Jan 46-May 47 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USNB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

1 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

34074 SCHWAERISCHE HALL AAF 01 67-70
STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	1/32	1/16	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2			MEAN	GREATEST	LEAST
	SNOWFALL	NOVT	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-8.4	8.5-12.4	12.5-25.4	25.5-50.4	50.5-125.4			OVER 125		
SHOW-DEPTH	NONE	TRACE	1	2	3	4	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	26.5	18.0	3.4	17.3	10.2	12.9	8.8	2.4	.3					55.4	294	2.65	3.74	.57
FEB	25.9	8.7	6.6	18.3	10.3	12.9	9.1	3.8	1.1					62.4	263	3.25	7.21	.38
MAR	39.4	12.2	4.7	15.4	11.1	9.3	6.5	1.4						48.4	279	1.89	3.12	.44
APR	39.2	10.6	3.2	11.7	9.8	11.7	9.1	3.4	.8					50.2	263	3.26	5.57	.46
MAY	35.8	10.5	3.7	11.8	5.4	14.5	8.8	4.4	1.0					52.7	295	3.99	5.65	1.16
JUN	34.3	13.0	5.0	11.3	5.7	13.3	10.3	4.7	2.0	.3				52.7	300	3.56	6.48	.97
JUL	44.7	10.5	5.1	9.5	7.8	10.5	5.8	4.7	1.4					44.7	295	2.05	5.18	.35
AUG	41.6	11.1	2.3	11.1	7.5	7.5	11.5	6.6	1.3					47.9	305	4.57	7.22	2.02
SEP	40.1	14.2	4.3	12.1	9.6	9.2	7.1	2.8	.7					45.7	282	1.10	4.77	.52
OCT	43.5	16.0	4.1	9.5	6.5	10.5	5.1	3.1	1.7					40.5	294	2.18	5.08	.31
NOV	28.4	14.9	5.5	14.2	9.5	13.5	9.1	4.4	.7					56.7	275	3.18	4.25	.29
DEC	29.8	19.3	4.9	12.3	8.1	13.7	9.1	2.5	.4					50.9	287	2.21	4.03	.65
ANNUAL	35.0	13.2	4.5	12.9	8.7	11.6	8.4	3.7	.9	.0				50.7	3433	3.90		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

34074 SCHWABERISCH HALL AAF DL

67-79

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
67					* .50	1.04	.52	.83	.47*	.60*	.38	.57	
68	.44	.27	.31	1.41*	.46	1.14*	.92	1.52*	.71	1.04*	.30*	.32	1.52
69	* .38*	.44*	.35	.43*	.68	.87*	.21	.86	.19	.21	.62	.45	.87
70	.51	1.12	.47	.67	1.49	.55	1.16	.88	.46	.76	.57	.48	1.49
71	* .23	.17	.30	.41	.87	1.33	.11*	.51*	.31*	.56*	1.19*	.35	1.33
72	* .18*	.26*	.48*	.47*	.61*	.94*	.64*	.77*	.48*	1.08*	.89*	.44	* 1.08
73	* .54*	.54*	.28*	.81*	.40*	.83*	.67*	1.20*	.39*	.85*	.96*	.50	* 1.20
74	* .55*	.55*	.38*	.19*	.80*	.98*	1.04*	.98*	1.69*	1.03*	.58*	.64	* 1.69
75	* .57*	.68*	.52*	.74*	.48*	1.32*	.37*	1.04*	.84*	.42*	1.08*	.91	* 1.52
76	* .77*	.30*	.12*	.80*	.31*	.60*	1.05*	.98*	1.53*	1.04*	.51*	.51	* 1.53
77	* .46*	1.16*	.89*	1.04*	.72*	1.12*	.59*	.52*	.39*	.48*	.77*	1.32	* 1.32
78	* .42*	.55*	.77*	.40*	1.63*	4.24*	1.59*	1.19*	.67*	1.47*	.07*	.62	* 4.24
79	* 1.39*	.72											
MEAN	.475	.520	.360	.730	1.180	.986	.597	1.023	.373	.677	.595	.500	1.490
S.D.				.468		.295		.332					
TOTAL OBS.	294	263	279	265	296	300	295	305	282	294	275	285	3433

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

34074 SCHWAEBISCH HALL AAF DL 67-79
 STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
67					* 1.96	3.42	2.00	2.74	1.44*	1.73*	1.44	1.95	
68	2.57	1.35	1.16	3.45*	2.91	3.07*	2.28	7.38*	3.73	2.58*	.88*	2.10	*33.46
69	* 1.05*	2.05*	1.49	2.90*	2.54	3.74*	.97	4.62	.73	.31	4.11	2.87	*27.40
70	2.73	7.21	3.12	5.57	5.66	2.09	3.80	3.53	1.13	3.64	2.24	1.82	42.54
71	* 1.32	1.21	1.38	1.10	2.31	5.48	.35*	2.29*	.63*	.77*	3.55*	1.01	*21.40
72	* .57*	.48*	1.20*	1.89*	3.44*	3.44*	1.65*	2.02*	1.61*	1.58*	2.87*	.65	*21.37
73	* .81*	2.30*	1.04*	3.15*	2.06*	2.23*	2.75*	2.18*	1.00*	2.62*	3.75*	2.90	*26.79
74	* 1.68*	1.62*	.53*	.44*	2.38*	4.02*	5.18*	2.37*	3.71*	5.08*	1.89*	4.03	*34.25
75	* 1.90*	2.05*	1.71*	2.64*	1.47*	4.05*	1.20*	2.75*	1.88*	1.28*	2.10*	1.33	*24.37
76	* 3.74*	.38*	.44*	1.13*	1.18*	.97*	3.23*	2.14*	4.77*	1.65*	1.71*	2.15	*23.42
77	* 2.85*	3.64*	1.46*	2.25*	1.83*	3.38*	.94*	2.39*	.97*	1.24*	4.26*	1.84	*27.05
78	* 1.99*	2.15*	3.11*	1.04*	5.69*	6.48*	3.93*	4.08*	2.43*	2.92*	.29*	1.96	*36.07
79	* 3.61*	2.73											
MEAN	2.650	3.257	1.887	3.255	3.985	3.564	2.050	4.568	1.100	2.177	3.175	2.213	2.213
S. D.				1.841		1.240		2.027					
TOTAL OBS.	294	263	279	265	296	300	295	305	282	294	275	285	3433

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

34074 SCHWAEBISCH HALL AAF DL

47-79

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	59.2	15.2	9.9	10.9	1.7	.7	1.7	.7						25.5	294	14.7	18.0	TRACE
FEB	54.4	13.7	11.8	12.5	3.8	1.9	1.5	.4						31.9	263	12.2	25.8	TRACE
MAR	68.8	13.3	8.6	5.7	2.9	.4	.4							17.9	279	8.8	14.1	TRACE
APR	78.5	7.9	4.9	4.9	1.1	.4	.8	1.1	.4					13.6	265	5.7	20.6	TRACE
MAY	99.6			.4										.4	270	.3	.6	.0
JUN	99.6	.4													270	TRACE	TRACE	.0
JUL	100.0														266	.0	.0	.0
AUG	100.0														274	.0	.0	.0
SEP	100.0														252	.0	.0	.0
OCT	96.2	3.4		.4										.4	265	.0	.5	.0
NOV	78.3	8.0	4.7	4.7	2.5	1.4		.4						13.8	276	5.1	12.1	TRACE
DEC	61.6	13.4	10.6	8.5	3.2	2.1		.7						25.0	284	15.8	26.9	.1
ANNUAL	83.0	6.3	4.2	4.0	1.3	.6	.4	.3	.0					10.7	3258	62.6	×	×

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/VAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

34074 SCHWAEBISCH HALL AAF CL 67-79
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
67											3.0*	1.3	
68	4.2	1.9	2.1	5.4*	.0	.0*	.0	.0*	.0	.0*	.5*	3.4	6.4
69	* 1.1*	4.4*	.2	1.2*	.0	TRACE*	.0	.0	.0	.0	6.3	4.5	5.3
70	3.4	4.3	4.1	3.9	.6	.0	.0	.0	.0	TRACE	.3	1.6	4.2
71	* .8	1.7	1.8	TRACE	.0	.0	.0*	.0*	.0*	.0*	3.0*	1.5	* 3.0
72	* 1.8*	.5*	1.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.7*	.1	* 2.7
73	* 4.1*	5.4*	2.4*	5.5*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.2*	2.8	* 6.6
74	* TRACE*	1.1*	.7*	1.7*	.0*	.0*	.0*	.0*	.0*	.0*	.5*	1.2*	* 2.0
75	* TRACE*	1.2*	.4*	2.5*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.3	* 2.6
76	* 2.3*	3.0*	TRACE*	.4*	.0*	.0*	.0*	.0*	.0*	.0*	1.3*	5.2	* 5.2
77	* 5.0*	TRACE*	.4*	.2*	.0*	.0*	.0*	.0*	.0*	.0*	.2*	.8	* 5.0
78	* 2.0*	4.0*	2.4*	1.4*	.0*	.0*	.0*	.0*	.0*	.0*	.7*	1.4	* 4.0
79	* 5.5*	.7											
MEAN	3.80	2.63	2.67	2.85	.30	TRACE	.00	.00	.00	TRACE	3.20	3.05	4.30
S. D.				2.851		.000							
TOTAL OBS.	294	263	279	265	270	270	266	274	252	265	276	284	3258

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

34074 SCHWAERISCH HALL AAF DL 67-79
 STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS	
67											3.0*	8.4		
68	17.1	3.3	5.2	6.4*	.0	.0*	.0	.0*	.0	.0*	1.0*	8.4	* 41.6	
69	* 1.4*	11.0*	.2	3.4*	.0	TRACE*	.0	.0	.0	.0	12.1	26.9	* 55.2	
70	12.3	25.8	14.1	13.1	.6	.0	.0	.0	.0	TRACE	.3	4.6	70.8	
71	* 1.4	7.3	7.1	TRACE	.0	.0	.0*	.0*	.0*	.0*	10.4*	3.6	* 29.3	
72	* 4.0*	.5*	1.6*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	6.4*	.1	* 12.6
73	* 4.5*	16.9*	7.8*	20.6*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	6.0*	7.5	* 63.3
74	*TRACE*	2.7*	.8*	2.0*	.0*	.0*	.0*	.0*	.0*	.0*	.5*	1.2*	3.5	* 10.7
75	*TRACE*	1.2*	1.6*	4.4*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.3		* 7.5
76	* 4.5*	2.2*	TRACE*	.4*	.0*	.0*	.0*	.0*	.0*	.0*	2.7*	8.3		* 19.4
77	* 12.6*	TRACE*	.5*	.2*	.0*	.0*	.0*	.0*	.0*	.0*	.8*	.8		* 14.9
78	* 4.9*	14.2*	4.2*	1.4*	.0*	.0*	.0*	.0*	.0*	.0*	2.0*	1.8		* 29.2
79	* 18.0*	1.0												
MEAN	14.70	12.20	8.80	5.73	.30	TRACE	.00	.00	.00	TRACE	5.13	15.75	15.75	
S. D.				5.569		.000								
TOTAL OBS.	294	263	279	265	270	270	266	274	252	265	276	284	3255	

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

34074 STATION SCHWAERISCH HALL AAF DL STATION NAME 62-65, 67-79 YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	.02-.05	06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	46.4	6.0	8.1	9.1	7.0	15.4	7.8	.3						47.7	384			
FEB	51.5	9.0	9.3	5.5	5.5	13.7	5.5							39.5	344			
MAR	74.0	10.6	5.4	3.5	1.9	2.2	2.4							15.4	369			
APR	93.5	3.7	1.1		.3	.8	.6							2.8	354			
MAY	100.0														389			
JUN	99.7	.3													390			
JUL	100.0														386			
AUG	100.0														398			
SEP	99.7	.3													369			
OCT	99.7	.3													386			
NOV	84.4	7.0	3.3	1.7	1.9	.8	.8							8.6	359			
DEC	57.0	9.9	12.1	6.5	4.3	7.5	2.7							33.1	372			
ANNUAL	83.8	3.9	3.3	2.2	1.7	3.4	1.6	.0						12.3	4500			

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

34074 SCHWAERISCH HALL AAF DL 62-65, 67-79
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS	
62			*	3	0*	0	0*	0	0*	0	0*	3*	4	
63	*	7*	7	5*	0*	0	0*	0	0*	0*	0*	0*	2	* 7
64	*	4*	2	2	7*	0	0*	0	0*	0	0*	1*	5	* 5
65	*	2*	5											
67					*	0	0	0	0	0	0	0	4	
68		10	2	4	2*	0	0*	0	0*	0	0*	3*	8	10
69	*	11*	12*	0	1*	0	TRACE*	0	0	TRACE	0	5	11	* 12
70		8	8	4	0	0	0	0	0	0	0	TRACE	4	9
71	*	5	1	3	0	0	0*	0*	0*	0*	0*	3*	1	* 5
72	*	9*	5*	0*	0*	0*	0*	0*	0*	0*	0*	1*	0	* 9
73	*TRACE*	5*	3*	10*	0*	0*	0*	0*	0*	0*	0*	9*	12	* 12
74	*TRACE*	1*	1*	0*	0*	0*	0*	0*	0*	0*	TRACE*	TRACE*	2	* 2
75	*	0*	1*	1*TRACE*	0*	0*	0*	0*	0*	0*	0*	TRACE*	TRACE*	* 1
76	*	3*	3*	0*TRACE*	0*	0*	0*	0*	0*	0*	0*	TRACE*	5	* 5
77	*	14*	2*	0*TRACE*	0*	0*	0*	0*	0*	0*	0*	TRACE*	TRACE*	* 14
78	*	2*	11*TRACE*	TRACE*	0*	0*	0*	0*	0*	0*	0*	1*	1	* 11
79	*	9*	9											
MEAN	9.0	3.7	4.6	1.3	.0	TRACE	.0	.0	TRACE	.0	2.7	6.3	6.3	
S. D.			2.702	1.751		.000		.000		.000				
TOTAL OBS.	364	344	369	354	389	392	386	398	369	386	359	372	4500	

NOTE * (BASED ON LESS THAN FULL MONTHS)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

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

1. **Extreme Values - Peak Gusts:** Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1968, and in tens of degrees starting in 1969. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "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 direction and speed, and in addition the mean wind speed 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 VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: 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.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/VAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

34074 SCHNAEPISCH HALL AFB, LA 71-79
STATION STATION NAME YEARS

DAILY PEAK WINDS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS		
71				24*	31	127	3224	3750*	2217*	40	9*	2128*	2425*	312**	31
72	3*	24	9*	1829*	5124*	3420*	3225*	2928*	2423*	3227*	20	7*	2125*	4225*	20
73	26*	1427*	30	5*	2025*	3411*	2624*	2527*	2236*	2127*	1925*	2727*	3923*	38	27*
74	26*	3724*	3322*	23	3*	2737*	3127*	2228*	3028*	2624*	2727*	2926*	3026*	43	26*
75	27*	3710*	2929*	2525*	34	6*	3527*	3225*	32	8*	2022*	2024*	3032*	3018*	24
76	27*	4911*	2427*	2435*	2128*	2827*	2227*	24	6*	2425*	3225*	2223*	4427*	37	27*
77	25*	3424*	3426*	3625*	3524*	3127*	4025*	2524*	2025*	2425*	1828*	4626*	38	28*	46
78	25*	3724*	2327*	39	4*	2724*	2225*	2723*	5120*	3329*	3925*	2327*	1722*	36	27*
79	26*	3521*	24												
MEAN															
S.D.															
TOTAL OBS.	172	148	158	154	179	180	172	173	162	172	150	162	1985		

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

USAF ETAC FORM 0-8-5 (OIA)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AF

SURFACE WINDS

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

STATION 34074 STATION NAME SCHNABERISC WALL AAF JL YEAR 70-71,73 MONTH JA
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

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													
NNE													
NE													
ENE	1.7											1.7	2.0
E	3.3	13.3	10.0									26.7	6.2
ESE	1.7	3.0	6.7									13.3	7.3
SE													
SSE		1.7										1.7	6.0
S		1.7	1.7									3.3	4.5
SSW			1.7									1.7	8.0
SW	1.7	1.7	1.7	1.7								6.7	7.5
WSW		6.7	5.0	1.7								13.3	7.3
W		1.7	3.3	1.7								6.7	8.3
WNW			3.3									3.3	6.0
NW													
NNW		3.3										3.3	4.5
VARBL	3.3	3.3										6.7	3.0
CALM												11.7	
	11.7	38.3	23.3	5.0								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 60

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AF

SURFACE WINDS

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

34074 SCHAEFER HALL AFB TX 66-79 JA.
STATION STATION NAME YEARS NORTH
ALL WEATHER
CLASS
NOV5-0501
NOV5 (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.3									.5	6.0
NNE		.3										.3	5.0
NE	.4	.1	.4									.9	5.1
ENE	1.2	1.9	.3									3.3	4.2
E	3.6	5.1	4.0	.4	.3							13.3	5.8
ESE	1.3	4.7	3.5	1.2								11.1	6.4
SE	.9	.6	.8									2.3	5.1
SSE	.3	.1	.1									.5	4.5
S	.3	1.3	.3									2.7	5.2
SSW	1.2	2.4	1.7	.4								5.6	5.9
SW	1.5	2.7	2.8	1.2	.3							8.7	6.9
WSW	1.7	4.2	2.6	1.4								9.9	6.7
W	.6	1.5	2.3	1.6	1.4	.0	.4					9.0	12.9
WNW	.5	.8	.6	.4	.1							2.4	7.6
NW		.1										.1	4.0
NNW	.1	.6	.3									1.0	5.5
VARBL	1.3	.9	.6	1.0	.3							4.5	6.9
CALM												23.8	
	16.3	27.7	21.0	7.7	2.3	.8	.4					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 781

06484

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 34074 SCHAEFERS HALL AAF LL YEARS 59-79 MONTH JA
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

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			.1	.2								.4	11.3
NNE			.1									.1	7.0
NE	.1	.9										1.0	4.5
ENE	.4	.9	.3	.1								1.6	5.0
E	3.3	5.5	4.1	1.4	.1							15.0	5.0
ESE	1.9	5.4	2.5	1.5								11.4	6.4
SE	.3	1.3	.8	.1								2.9	5.3
SSE	.6	.1	.1									.9	3.3
S	.9	1.1	1.0	.4								3.4	6.2
SSW	.9	2.0	1.4	.4								4.7	6.1
SW	1.2	2.9	3.5	1.5	.1							9.6	7.4
WSW	1.5	3.5	3.5	2.4	.4							11.4	7.9
W	.4	.8	2.5	2.4	1.1	.6	.1					3.0	12.3
WNW		.3	.6	.5	.1							1.5	11.3
NW	.1	.4		.1								.6	5.0
NNW	.3	.1	.1									.5	4.5
VARBL	2.0	1.4	1.1	.4	.1	.1						5.4	6.3
CALM												20.4	
	15.2	27.8	21.9	11.8	2.0	.8	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAF

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

SURFACE WINDS

34074 SCHAEFERS HALL AFB AL 6-9-79 JA. MONTH

STATION STATION NAME YEAR MONTH

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

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	.2		.1									.4	4.7
NNE	.1	.4										.5	4.0
NE	.1	.4	.3									.8	5.8
ENE	.8	.6	.5	.1								2.0	5.3
E	3.3	5.6	7.7	.4	.4							17.9	6.3
ESE	.2	3.3	3.6	1.5								9.4	7.0
SE	.5	1.1	.9									2.5	5.5
SSE	.2	.6	.2									1.1	5.0
S	.4	.9	.9									2.2	6.1
SSW	.4	1.9	2.2	.1								4.6	5.7
SW	1.6	3.0	3.3	1.0								9.0	6.7
WSW	1.5	2.0	4.2	3.7	.3	.3						11.9	9.2
W	.8	1.4	1.8	2.6	1.3	.6	.1					8.0	12.0
WNW	.8	1.4	1.3	.8	.3							4.4	7.7
NW	.1		.3									.4	6.0
NNW	.5	.4	.3									1.1	4.9
VARB	1.4	.8	1.4	2.2	.4							6.1	8.8
CALM												17.6	
	14.1	24.4	29.1	11.3	2.5	.9	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 788

66455

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/TAC

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

SURFACE WINDS

34074 STATION SCHAEFISC HALL AAF JL 69-79 YEAR 86
 CLASS ALL NEGATIVE 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥36	%	MEAN WIND SPEED
N	.1	.1	.3									.5	6.0
NNE	.6	.1	.4	.1								1.3	5.5
NE	.9	.9	.4	.1								2.3	6.9
ENE	1.0	1.7	.6	.1								3.4	5.1
E	3.5	5.2	6.3	.6	.1							18.6	6.4
ESE	.9	3.2	3.6	.8								7.7	7.1
SE	.5	2.2	.9									3.6	5.2
SSE	.5	.5										1.0	3.5
S	.5	.6	.5	.1								1.8	5.6
SSW	.6	2.3	1.7	.3								5.0	6.1
SW	.5	2.9	2.9	1.0	.1							7.5	7.5
WSW	.8	3.7	2.7	2.0	.3	.1						9.6	8.1
W	.6	1.5	3.9	3.4	1.5	.6						11.7	11.3
WNW	.6	.1	1.0	.1								1.9	6.7
NW	1.1	.1	.3									1.5	3.6
NNW	.9	.4										1.3	3.1
VAERL	1.7	1.0	.9	1.7	.3	.1						5.6	8.2
CALM												14.8	
	15.7	27.3	28.5	10.6	2.3	.6						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074 STATION SCHWAEPISCH HALL AAF DL 49-79 YEARS JA MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	.-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1		.1									.3	6.5
NNE	.3		.4	.4								1.2	9.0
NE	.4	.7										1.2	4.1
ENE	1.5	1.9	.4									3.9	4.4
E	3.2	4.9	7.1	.9								15.9	6.5
ESE	.7	3.0	3.7	.9								3.3	7.2
SE	.9	.9	1.0									2.8	5.6
SSE	.1	.6	.6									1.3	5.6
S	.3	1.2	.4	1								2.1	5.9
SSW	.3	3.3	1.6	.6								5.8	6.6
SW	1.3	1.6	2.1	.4								5.9	6.5
WSW	.9	3.4	2.2	1.5	.4							3.4	8.0
W	.6	3.1	2.5	2.8	1.6	.7						11.4	11.1
WNW	.3	.3	.7	.7	.1							2.2	9.1
NW		.1										.1	5.0
NNW	.1	.3										.4	3.3
VARBL	2.2	.6	.7	1.2	.4	.1						5.3	7.9
CALM												23.4	
	3.6	25.9	23.9	9.6	2.7	.9						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074 STATION SCHWABISCH HALL AAF EL 7:77-79 YEARS JAI MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

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													
NNE		1.9										1.9	4.0
NE	.9											.9	2.0
ENE	1.9	1.9										3.7	3.5
E	2.8	4.7	6.5	2.8								16.8	7.4
ESE	1.9	3.6	2.7									11.2	5.4
SE			1.9									1.9	4.0
SSE	.9		.9									1.9	6.0
S	1.9	.9	1.9									4.7	5.8
SSW		.9	2.8									3.7	8.3
SW		.9	4.7	.9								6.5	9.1
WSW		2.8	1.9	1.9								6.5	8.4
W		.9		.9	.9							2.8	13.3
WNW													
NW													
NNW													
VARBL	2.8		2.8	.9	1.9							8.4	9.4
CALM												29.0	
	13.1	20.6	27.1	7.5	2.8							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 107

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHWAERISCH HALL AAF LL YEARS: 69-79 MONTH: JAN
 CLASS: ALL WEATHER HOURS (L.S.T.): ALL
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.2	.1								.4	6.8
NNE	.2	.2	.2	.1								.7	6.2
NE	.4	.6	.2	.0								1.2	4.8
ENE	1.0	1.4	.4	.1								2.8	4.7
E	3.5	5.7	6.3	.8	.2							16.5	6.2
ESE	1.3	4.1	3.5	1.0								9.9	6.7
SE	.7	1.2	.9	.0								2.8	5.4
SSE	.4	.4	.2									1.0	4.6
S	.6	1.0	.8	.1								2.5	5.9
SSW	.7	2.3	1.7	.3								5.0	6.3
SW	1.4	2.6	3.0	1.1	.1							8.1	7.1
WSW	1.2	3.4	3.1	2.2	.3	.1						10.3	8.1
W	.3	1.6	2.6	2.4	1.4	.7	.1					9.3	11.9
WNW	.4	.6	.9	.5	.1							2.5	8.2
NW	.3	.2	.1	.0								.6	4.5
NNW	.4	.4	.1									.9	4.3
VARBL	1.8	1.0	1.0	1.3	.3	.1						5.5	7.7
CALM												20.1	
	14.9	26.6	25.1	10.1	2.3	.8	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 3988

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

34074 STATION SCHWAEPISCH HALL AAF DL STATION NAME 72-71 YEARS FEB MONTH

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

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			1.8	1.8								3.6	11.5
NNE													
NE		1.8										1.8	5.0
ENE													
E		3.6	1.8									7.3	5.3
ESE		3.6										3.6	4.5
SE													
SSE													
S		5.5		1.8								7.3	6.5
SSW		5.5	1.8									7.3	6.0
SW	3.6		1.8	10.9								16.4	10.9
WSW		1.8	1.8	9.1	3.6	3.6	3.6	1.8				25.5	18.6
W		1.8			5.5	1.8	1.8					10.9	19.2
WNW													
NW													
NNW		7.3										7.3	5.3
VARBL	3.6											3.6	2.0
CALM												5.5	
	7.3	32.7	9.1	23.6	9.1	5.5	5.5	1.8				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 55

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074 STATION SCHWAEPISCH HALL AAF OL 69-79 YEARS FEB NORTH
 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	.6	.7	.6	.8								2.2	6.1
NNE	.3	.9	.7									1.9	5.8
NE	.1	1.0	1.2	.1								2.5	6.8
ENE	.6	2.2	1.4	.1								4.3	5.8
E	3.2	3.5	3.5	1.4								13.6	6.1
ESE	1.4	2.0	1.5	.4								4.9	5.6
SE	.1	1.0	.1									1.3	4.7
SSE	.4	.5										.7	3.8
S	.3	1.2	.7									2.2	5.5
SSW	.7	2.5	2.0	.4								5.6	6.2
SW	.6	2.9	3.0	1.6								8.1	7.9
WSW	.3	1.7	4.3	1.7	.7	.6	.4					10.4	10.8
W	1.0	1.6	1.7	1.7	.1	.1	.1					6.5	9.2
WNW	.3	.4	.9	.3	.3	.1						2.3	9.7
NW	.3	.6	.4									1.3	5.7
NNW	.4	.4	.6									1.4	5.8
VARBL	1.7	1.0	.7	.7								4.2	5.9
CALM												26.5	
	13.0	25.9	23.0	9.0	1.2	.9	.6					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 691

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHWAERISCH HALL AAF DL YEARS: 69-79 MONTH: FEB
 CLASS: ALL WEATHER HOURS (L.S.T.): 0900-1100
 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		1.0	.9	.1								2.0	6.7
NNE	.3	.6	.3	.2								1.4	6.2
NE	.7	1.4	1.5	.1								4.1	6.4
ENE	.4	1.8	1.4									3.7	6.1
E	2.3	5.5	5.3	1.8								14.9	6.7
ESE	.9	2.7	1.8	.5								5.0	6.2
SE	.1	1.6	.4									2.1	5.5
SSE		.7	.1									.9	4.8
S	.4	1.1	.9	.1								2.6	6.2
SSW	.4	2.6	2.1	.1								5.3	6.6
SW	.4	2.6	3.7	1.1	.1							8.0	8.1
WSW	1.3	2.4	4.0	1.6	1.0	.1						10.4	8.8
W	.7	1.3	2.4	1.0	.9	.6	.1					7.0	10.8
WNW	.3	.1	.3	.4	.1	.1	.1					1.6	12.8
NW	.3	.3	.5	.4								1.6	7.8
NNW	.4	.7	.9									2.0	6.1
VARBL	2.1	1.4	1.1	2.4	.1							7.3	7.5
CALM												19.3	
	11.1	27.9	28.0	10.2	2.3	.9	.3					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 703

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHWAERISCH HALL AAF DL YEARS 69-79 MONTH FEB
 CLASS ALL WEATHER MONTHS (L.S.T.) 1200-1400
 CONDITION _____

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	1.0	1.3	.4	.3								3.0	5.2
NNE	.9	1.7	.7									3.3	5.0
NE	1.0	2.1	1.4									4.5	5.5
ENE	.6	1.7	1.3	.3								3.8	6.4
E	1.4	4.4	7.0	1.4								14.2	7.2
ESE	.7	1.1	.9	.7								3.4	7.1
SE	.3	.4	.9	.3								1.8	7.1
SSE	.4	.7	1.0									2.1	5.9
S		1.1	.7	.1								2.0	6.8
SSW	.1	1.0	1.7	.4								3.3	7.6
SW	.9	2.6	3.6	1.5	1.0							9.8	9.0
WSW	.7	1.7	4.4	2.7	.7	.1						10.4	9.9
W	.1	1.6	3.7	2.1	1.6	.3	.1					9.8	11.3
WNW	.4	.7	1.0	1.0								3.8	8.7
NW	.1	.7	.6	.3								1.7	7.1
NNW	1.1	1.1	.6									2.8	4.6
VARBL	1.5	1.3	3.0	2.1		.1						8.4	8.1
CALM												11.8	
	11.6	25.6	33.4	13.6	3.3	.4	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 704

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/VAC

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

SURFACE WINDS

34074 SCHRAEPISCH HALL AAF DL 69-79 FEB

STATION STATION NAME YEAR 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	.6	1.4	.6	.4								3.0	6.5
NNE	.4	1.9	1.4									3.7	6.3
NE	1.0	2.1	1.9	.4								5.4	6.4
ENE	1.0	2.0	2.0	.4								5.4	6.1
E	1.4	3.3	5.1	.9								10.7	6.7
ESE	.6	2.0	1.1	.7								4.4	6.9
SE	.3	.6	.9	.1								1.9	6.6
SSE	.3	.4	.1	.2								1.1	6.0
S	.4	1.7	2.0	.4								4.6	6.8
SSW		.7	1.0									1.7	7.4
SW	.1	2.9	1.7	.7								5.4	7.1
WSW	.7	2.0	6.7	3.0	.7							13.1	9.6
W	.6	1.4	5.6	2.3	.3	.4						10.0	10.1
WNW	.9	1.3	1.1	1.4	.1							4.9	8.2
NW	.1	1.1										1.3	4.6
NNW	1.4	2.1	1.0	.1								4.7	5.0
VARBL	1.1	1.1	2.1	2.1								6.5	8.3
CALM												12.0	
	11.0	28.1	33.9	13.4	1.1	.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 700

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074
STATION

SCHWAEBISCH HALL AAF DL
STATION NAME

49-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

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	1.0	1.0	.8	.2	.2							3.2	5.8
NNE	.5	1.0	.7									2.2	5.2
NE	1.2	.8	.7	.2								3.0	5.8
ENE	1.0	3.0	.8	.7								5.5	5.7
E	2.9	5.0	3.4	.3								11.6	5.4
ESE	.7	1.7	1.0									3.4	5.5
SE	.5	.7	.3									1.8	4.5
SSE	.2	.7	.6	.3								2.0	7.8
S	.7	1.0	.8	.3								2.9	6.1
SSW	.3	1.0	1.8									3.7	6.4
SW	1.5	1.5	2.5	.4								6.4	6.4
WSW	.5	2.9	3.7	2.7	.7							10.4	9.3
W	.7	3.0	6.0	1.8	.3							11.9	8.3
WNW	.3	.5	.7	.7								2.2	8.4
NW	.2	.5	.3									1.0	5.2
NNW	.7	.2	.3									1.2	4.4
VARBL	1.2	.5	.7	1.2								3.5	7.6
CALM												24.2	
	14.8	25.0	25.5	9.4	1.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 596

GLOBAL CLIMATE DATA BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074 SCHWAERISCH HALL AAF DL 7, 77-79 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

A6508

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				1.6								1.6	15.0
NNE				1.6								1.6	15.0
NE													
ENE	1.6	1.6	1.6									4.9	4.7
E	6.6	4.9	1.6									13.1	3.8
ESE	3.3	3.3										6.6	3.5
SE	1.6											1.6	3.0
SSE		1.6										1.6	6.0
S		1.6										1.6	5.0
SSW			3.3									3.3	8.0
SW			3.3									3.3	8.0
WSW		3.3	1.6	1.6								6.6	8.0
W	1.6	3.3	4.9	1.6								11.5	7.1
WNW			1.6									1.6	5.0
NW													
NNW													
VARBL		1.6	1.6									3.2	7.0
CALM												37.7	
	14.5	21.3	19.7	6.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 51

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHAEFISCH HALL AAF DL YEAR 69-79 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.1	.7	.3	.0							2.6	6.3
NNE	.5	1.2	.7	.1								2.4	5.8
NE	.8	1.5	1.4	.2								3.8	6.2
ENE	.7	2.1	1.4	.3								4.5	6.0
E	2.2	4.8	4.6	1.2								13.0	6.4
ESE	.5	2.0	1.1	.5								4.5	6.2
SE	.3	.8	.5	.1								1.3	5.7
SSE	.3	.6	.4	.1								1.3	5.0
S	.3	1.3	1.0	.2								2.9	6.4
SSW	.4	1.6	1.8	.2								4.0	6.7
SW	.7	2.4	2.9	1.4	.2							7.6	8.0
WSW	.8	2.1	4.6	2.5	.8	.2	.1	.0				11.1	10.0
W	.5	1.8	3.7	1.8	.7	.3	.1					9.0	10.0
WNW	.4	.5	.9	.7	.1	.1	.0					2.9	9.1
NW	.2	.6	.4	.1								1.3	6.3
NNW	.8	1.0	.7	.1								2.5	5.1
VARBL	1.5	1.1	1.5	1.7	.0	.0						6.0	7.6
CALM												16.7	
	12.2	26.6	28.4	11.3	1.9	.6	.3	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3512

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34074 STATION SCHAEFISCH HALL AAF DL 7 YEARS 1949
 CLASS ALL WEATHER 1900-0500 HOURS (L.R.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE		1.6		3.2								4.8	11.0
NE													
ENE			3.2									3.2	10.0
E		5.5	1.6									6.1	5.5
ESE		4.3										4.8	4.0
SE													
SSE				1.6								1.6	15.0
S		1.6	3.2									4.8	7.3
SSW		4.3	3.2									6.1	6.0
SW	1.6	4.8	5.5	6.5	1.6							21.0	10.2
WSW			9.7	1.6	3.2							14.5	12.1
W		1.6	4.8	1.6								8.1	9.4
WNW		1.6										1.6	5.0
NW													
NNW	1.6											1.6	3.0
VARBL	3.2											3.2	2.5
CALM												14.5	
	6.5	27.4	32.3	14.5	4.8							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 62

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074 SCHWABERISCH HALL AAF IL 65-76 344
STATION STATION NAME YEARS MONTHS

ALL WEATHER 0600-0200
CLASS HOURS (L.S.T.)

CONDITION

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	.5	.7	.9									2.1	5.7
NNE	.5	1.0	1.0	.3								2.7	5.6
NE	.9	1.0	2.2	.3								4.3	7.1
ENE	1.2	1.6	1.9	.7								5.1	6.5
E	3.5	2.0	2.6	2.1								13.4	6.2
ESE	.5	1.1	.2	.1								2.1	4.5
SE	.7	.2	.1	.1	.1	.1						1.5	7.4
SSE	.2	.2										.5	2.5
S	.1	.2	.4	.1								.0	7.3
SSW	.9	2.1	2.0	.1								5.0	6.1
SW	1.0	2.4	3.0	1.1								7.6	7.5
WSW	.9	3.0	4.1	2.4	.5	.1						11.0	6.0
W	1.0	.5	1.7	1.6	.6							5.4	9.7
WNW	.2	.7	.5	.5	.2							2.2	8.7
NW	.2	.6	.6									1.2	5.4
NNW	.1	.5	.9	.2								1.5	7.3
VARBL	2.4	.4	1.2	.7	.1							5.0	6.0
CALM												28.6	
	14.6	21.5	22.7	10.6	1.6	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY STATION
 USAFETAC
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION: 34074 SC-ARIPISO HALL AFB YEAR: 64-78 ALT: 4000
STATION NAME ELEVATION ABOVE SEA LEVEL

CLASS: ALL AIR FORCE MOON (L.S.T.): 900-1100
CONDITION

-6.5.2

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-15	17-21	27-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.3	1.0									3.0	5.3
NNE	.5	1.0	1.0	.5								3.0	7.4
NE	.5	1.2	1.5	.7	.2							4.4	5.2
ENE	1.1	1.3	2.0	.1	.2							5.7	7.1
E	3.4	4.1	3.8	2.5								16.1	6.9
ESE	1.0	2.2	1.6	.		.1						5.5	7.1
SE	.2	.4	.2									.8	5.0
SSE	.4	.4	.1	.2								1.1	6.0
S	.2	.7	.5	.5								1.9	7.4
SSW	1.1	1.5	.5	.4								3.5	5.4
SW	1.0	2.8	2.9	1.5	.1	.1						8.4	7.9
WSW	.2	1.2	3.8	3.0	.5	.2	.1					9.7	10.3
W	.5	1.2	3.7	2.6	.8	.1						9.2	10.3
WNW	1.0	.8	1.6	.4	.2							3.8	7.5
NW	.5	.1	.1		.1							1.0	5.1
NNW	.5	1.0	1.1									2.6	5.1
VARBL	4.0	.5	1.4	1.1	.4							7.4	6.3
CALM												14.6	
	17.4	21.7	27.7	15.0	2.4	.6	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 635

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHWAERISC - ALL REF CL YEARS: 60-76 MONTH: JAR
 CLASS: ALL REF CL HOURS (L.S.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	1.4	1.6	1.3	.7								4.7	5.6
NNE	.8	.8	2.0	.7	.1							4.6	7.7
NE	1.1	1.1	2.3	1.1								5.4	7.6
ENE	.7	2.0	1.9	1.6								6.2	7.5
E	1.6	2.2	3.0	1.1								3.5	7.1
ESE	.2	1.5	2.4	.6								5.0	7.7
SE	.2	.4	1.2									1.8	6.5
SSE	.1	.2	.7	.1								1.2	7.0
S	.3	.5	.5	.2								1.7	5.9
SSW	.2	.6	.2	.2	.1							1.7	6.7
SW	.6	1.5	1.9	1.7	.5	.2	.1					6.8	10.2
WSW	.3	1.9	4.0	2.5	.8	.4						10.1	10.2
W	.5	1.2	4.3	4.9	.6	.5						12.0	11.0
WNW	1.2	.7	1.7	1.2								4.8	7.5
NW	.3	.7	.5	.6	.1							2.4	7.9
NNW	1.3	2.5	1.2	.4	.1							5.5	5.7
VARBL	3.3	1.4	4.3	1.6	.5							11.3	7.3
CALM												6.5	
	14.6	21.6	34.5	16.8	2.9	1.1	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 835

GLOBAL CLIMATOLOGY DATA CENTER
 USAFETAC
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

34074 STATION SCHWAETISCH HALL MAP DL STATION NAME 65-78 YEARS JAN MONTH

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	2.1	3.5	1.2	.3	.1							7.4	5.3
NNE	.7	1.7	2.6	1.1	.1							6.2	7.9
NE	.3	2.3	2.4	1.1								6.3	7.3
ENE	.3	1.6	2.4	1.7								6.2	6.5
E	.3	1.9	3.4	.2								5.3	7.4
ESE	.2	1.3	2.7	.4								4.6	7.4
SE	.3	1.0	.5	.2								2.6	6.5
SSE	.2	.6	.6	.1								1.6	6.7
S	.3	.7	.4									1.6	4.8
SSW	.2	.1	.3	.1		.1						1.1	9.2
SW	.1	1.6	1.0	.3	.1	.1						3.4	6.0
WSW	.7	1.5	2.4	3.9	1.6	.4	.1					10.6	11.7
W	.5	1.3	4.1	4.3	2.4	.1						12.8	11.6
WNW		1.7	2.7	1.3	.2							6.0	9.2
NW	1.0	1.6	.7	.1	.1							3.5	5.7
NNW	1.1	3.5	.9	.4	.1							6.0	5.7
VARBL	1.7	1.3	3.6	1.3	.1							6.5	7.7
CALM												5.5	
	11.1	27.3	32.6	17.7	5.0	.7	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 323

06514

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHAEFERS HALL AAF 3L YEARS 68-78 MONTH MAR
 CLASS ALL METEOR. HOURS (L & T.) 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	1.2	1.1	1.4	.6								4.2	5.9
NNE	.6	1.2	2.0	.9	.2	.2						5.1	8.4
NE	1.4	2.0	1.5	.6								5.6	6.1
ENE	1.4	1.5	1.2	1.2								5.4	6.9
E	3.2	3.6	1.7	.2								8.7	4.7
ESE	1.1	1.4	1.1									3.6	5.0
SE	.5	.5	.3									1.2	4.9
SSE	.2	.6	.8									1.7	6.5
S	.2	.2										.5	3.3
SSW	.6	1.1	.5	.3								2.5	3.8
SW	.2	1.4	2.2	.9		.2						5.0	8.9
WSW	.3	2.5	3.3	2.6	.5							9.3	9.4
W	1.1	2.3	4.2	2.8	.8	.3						11.5	9.6
WNW	1.2	2.2	1.5	.3	.3							5.6	4.9
NW	1.2	.8			.2							2.2	4.3
NNW	1.4	.3	.8	.2								2.6	4.4
VARBL	1.2	2.0	1.1	.3								5.1	6.3
CALM												20.3	
	17.5	24.6	23.5	11.6	1.9	.6						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY SPA 0-
 USAF/TAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34074 SCHWABERISC-HALL AAF IL 77-78 1A
STATION STATION NAME YEARS MONTH

ALL AS THE-
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													
NNE													
NE		2.8	2.8									5.6	7.0
ENE													
E	2.8											2.8	3.0
ESE		2.8										2.8	4.0
SE		2.8										2.8	4.0
SSE													
S													
SSW		2.8	5.6									8.3	8.7
SW		2.8		2.8								5.6	9.0
WSW	2.8	5.6	2.8									11.1	4.5
W		2.8	5.6	5.6								16.7	10.2
WNW	2.8											2.8	2.0
NW													
NNW													
VARBL													
CALM												41.7	
	8.3	22.2	19.4	8.3								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 36

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 IR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 34074 STATION NAME SO MAERISC ALL WEATHER CLASS ALL WEATHER YEARS 80-78 MONTH ALL
 HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	1.1	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.5
NNE	.5	1.1	1.7	.7	.1	.0	.0	.0	.0	.0	.0	4.2	7.8
NE	.7	1.5	2.5	.8	.5	.0	.0	.0	.0	.0	.0	5.1	7.3
ENE	.5	1.6	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	5.7	7.4
E	2.4	3.4	3.1	1.4	.0	.0	.0	.0	.0	.0	.0	10.2	6.5
ESE	.5	1.5	1.6	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7
SE	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.6	6.4
SSE	.2	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.2	6.3
S	.2	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.4	6.2
SSW	.6	1.2	.8	.2	.2	.0	.0	.0	.0	.0	.0	2.9	6.3
SW	.6	2.1	2.2	1.3	.2	.1	.0	.0	.0	.0	.0	6.5	9.6
WSW	.7	2.0	3.6	2.2	.8	.2	.0	.0	.0	.0	.0	10.2	10.2
W	.7	1.3	3.6	3.3	1.0	.2	.0	.0	.0	.0	.0	10.1	10.6
WNW	.7	1.2	1.5	.7	.2	.0	.0	.0	.0	.0	.0	4.4	7.9
NW	.7	.7	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.0	5.9
NNW	.3	1.6	.9	.2	.0	.0	.0	.0	.0	.0	.0	3.6	5.8
VARBL	2.5	1.1	2.5	1.1	.2	.0	.0	.0	.0	.0	.0	7.4	6.9
CALM												15.1	
	14.3	23.2	20.4	15.0	2.8	.6	.1	.0	.0	.0	.0	100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 4057

GLOBAL CLIMATOLOGY SPA OF
 USAF-TAC
 AIR WEATHER SERVICE/NAO

SURFACE WINDS

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

34074 SCHWABERISC HALL AAF IL 7.974 APR
 STATION STATION NAME YEARS MONTH
 ALL THE CLASS 0800-0500
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW		4.9	11.5	3.3								19.7	9.2
SW	3.3	9.8	13.1									26.2	6.9
WSW			13.4	4.9								21.3	10.2
W			1.6		3.3							4.9	14.3
WNW				4.9								4.9	15.3
NW													
NNW		3.3										3.3	5.0
VARBL	4.9											4.9	2.0
CALM												14.8	
	3.2	13.0	42.6	13.1	3.3							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 61

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

34074 SCHAEFERS HALL ACF 62-75 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-2300
CLASS HOURS (L.S.T.)

CONDITION

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	.6	.4	1.1	.6								2.5	4.1
NNE	.1	1.0	.6	.1	.1							2.0	7.6
NE	.2	1.0	1.3	.1								3.3	6.3
ENE	2.4	1.5	1.1	.6	.1							5.9	5.9
E	5.2	5.3	1.6	.3								13.1	4.3
ESE	.1	1.4	.3									1.8	4.7
SE	.6	.1										.8	2.3
SSE			.1									.1	7.0
S	.1	.4	.5	.1								1.4	8.2
SSW	.5	1.3	1.6	.1								3.5	5.4
SW	.5	2.6	2.5	.9	.1							7.0	7.3
WSW	.3	4.3	2.3	2.1	.1	.3						11.4	8.5
W	1.2	2.5	5.0	1.1	.1							9.3	7.8
WNW	.4	1.4	.3	.9								2.5	7.4
NW	.5	.2	.3									1.5	6.1
NNW	.4	1.3	.1									1.8	4.3
VARBL	2.5	.4	1.5	1.1								5.5	6.7
CALM												25.1	
	13.0	25.0	22.2	8.6	.6	.3						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATE DATA CENTER
 USAFETAC
 AIR WEATHER SERVICE/AF

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHAEFFER HALL AFB YEARS: 64-73 MONTH: APR
 CLASS: ALL WEATHER HOURS (L.S.T.): 000-1100
 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	1.1	2.5	1.3	.3								5.2	5.5
NNE	.6	1.1	1.5	.3	.1							3.5	6.3
NE	.4	1.3	2.1	.8	.1							4.9	7.9
ENE	.6	2.5	1.9	1.5	.1							5.5	7.5
E	3.3	4.9	2.5	.9	.3							11.3	6.1
ESE	1.1	.9	1.5	.3								3.8	6.6
SE	.2		.3	.3								.5	9.0
SSE	.1	.1	.1	.1								.5	7.0
S		.4	.1	.1								.6	7.2
SSW	.5	.9	1.1	.3								3.0	7.4
SW	.4	1.1	2.9	1.1	.3	.1						5.8	8.9
WSW	1.2	2.0	3.3	3.1	.3							12.2	9.5
W	1.3	1.1	4.8	2.1	.9							15.2	9.3
WNW	.6	1.9	2.9	1.3								6.7	7.7
NW	.5	1.3	1.1	.1								3.3	5.9
NNW	.3	1.6	.3									3.0	5.0
VARBL	3.3	2.3	3.9	1.5	.3							11.7	6.5
CALM												6.9	
	16.7	25.9	34.0	13.6	2.8	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 795

GLOBE CLIMATOLOGY PART
 USAFETAC
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHEMELTSE HALL AFB YEARS 66-78 MONTHS 1200-1400
 CLASS ALL WEATHER
 CONDITION _____

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	1.5	1.5	1.2	.6								4.8	5.3
NNE	.9	2.3	1.7	.6								5.0	4.7
NE	.2	1.4	2.3	.6								4.3	7.8
ENE	.5	2.5	1.9	1.5	.1							6.7	7.7
E	1.2	1.6	3.1	.6	.6							6.9	7.8
ESE	.9	.8	1.1	.2								2.6	7.9
SE	.3	.3	.6									1.1	6.8
SSE	.5	.3	.4									1.1	5.3
S		.5	.5									1.0	6.3
SSW		.9	.9	.3								2.0	7.3
SW		1.3	1.9	1.5								4.5	9.7
WSW	.3	1.4	3.1	3.5	1.1	.3						9.7	11.6
W	1.0	1.5	4.3	4.3	.6	.1						12.3	10.2
WNW	.6	2.1	2.4	1.3	.3							6.7	6.1
NW	.4	2.0	1.5	.6								4.2	6.5
NNW	1.1	2.6	1.6	.3	.1							5.8	6.1
VARBL	2.1	5.4	7.3	2.1								17.0	7.2
CALM												3.4	
	10.8	28.8	36.3	17.3	2.9	.5						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/440

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

SURFACE WINDS

34074 SCHAEFER HALL AFB TX 52-73 43
 STATION STATION NAME YEAR MONTH
ALL MONTHS
 CLASS 1500-1700
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.5	1.7	.5								5.7	5.7
NNE	.7	1.0	3.0	.5								5.9	7.6
NE	.2	1.0	2.4	.5								5.2	7.7
ENE	.4	1.3	2.0	1.1	.3							5.5	6.6
E	.2	2.5	3.1	.5	.3							6.2	7.1
ESE	.3	.5	1.5	.4								3.0	7.5
SE	.1	.4	1.1									1.5	5.5
SSE	.3	.5	.4									1.1	5.2
S	.4	.0	.3									1.6	5.5
SSW	.3	.5	1.9	.3								3.3	7.5
SW	.5	1.4	.5	1.1								3.4	7.9
WSW	.4	1.4	3.3	3.3	1.3							9.6	10.6
W	.5	2.1	4.0	4.6	1.5	.1						13.0	10.7
WNW	.3	1.0	2.9	1.1	.4							6.3	9.0
NW	.5	1.5	2.1	.5	.1							5.2	7.1
NNW	1.1	1.6	1.4	.6								4.5	5.8
VARBL	1.0	3.3	6.9	1.9	.4							14.2	8.0
CALM												3.1	
	10.6	25.2	40.1	16.8	4.2	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR EATER SERVICES

SURFACE WINDS

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

STATION: 34974 STATION NAME: SUN AB-1504 HALL AAF LL YEARS: 50-76 MONTHS: ALL
 CLASS: ALL PERIOD: 1950-2000
 CONDITION: _____

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	1.7	.5	1.2	.2								3.6	5.3
NNE	1.4	2.7	2.1	.2								6.2	6.1
NE	.0	2.4	2.1	.9								6.0	7.0
ENE	1.5	2.6	.9	.2	.2							5.3	5.2
E	1.4	1.5	2.1	.5								5.6	5.9
ESE	.0	1.5	.0	.2								3.0	5.7
SE	.0	1.4	.5									2.4	4.6
SSE	.0	.2	.5									1.4	5.1
S	.0	.5	.5	.2								2.1	5.6
SSW	.2	.9	.5									1.5	5.4
SW	.3	1.2	2.4	1.1								5.1	5.0
WSW	.5	2.1	4.5	1.1	.0							9.2	5.5
W	.2	2.7	5.4	2.9	.6							12.3	5.9
WNW	1.5	2.9	2.6	.2								7.2	5.9
NW	.2	.6	.8	.2								2.0	6.5
NNW	1.7	2.6	.0									4.9	4.4
VARS	1.7	1.6	2.1	1.5	.6							7.7	7.7
CALM												14.3	
	16.2	28.7	29.3	9.3	2.0							100.6	5.3

TOTAL NUMBER OF OBSERVATIONS 666

GLOBAL CLIMATOLOGY DATA
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34074 SC. 42190 FALL ACP LL 7, 1977-78 MONTH NOV
 STATION STATION NAME YEARS HOURS
 CLASS ALL SECTORS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE	1.2											1.2	2.0
NE		1.2	2.4									3.6	7.0
ENE	2.4	4.8	2.4									9.6	5.0
E	6.0	12.0										18.0	3.9
ESE	2.4		2.4									4.8	4.3
SE		1.2										1.2	4.0
SSE													
S													
SSW		1.2										1.2	5.0
SW	2.4	3.6		1.2								7.2	5.6
WSW	6.0	1.2	1.2									8.4	3.6
W	1.2		3.6	1.2								6.0	4.4
WNW		1.2	1.2									2.4	7.0
NW													
NNW													
VARBL	2.4	2.4										4.8	4.0
CALM												32.5	
	24.1	27.7	13.3	2.4								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 83

06524

GLOBAL CLIMATE DATA CENTER
 USAFETAC
 AIR WEATHER SERVICE

SURFACE WINDS

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

34074 SCF AERIAL TALL AFB 1978 MONTH

CLASS MONTH

CONDITION 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	1.2	1.5	1.3	.1								4.4	5.5
NNE	.5	1.5	1.3	.1	.1							4.6	6.9
NE	.5	1.5	2.0	.1	.0							4.6	7.4
NNE	1.2	2.1	1.7	.7	.2							6.0	7.8
E	2.5	3.4	2.4	.5	.2							3.0	5.9
ESE	.5	1.0	1.1	.3								2.2	5.5
SE	.2	.4	.5	.1								1.2	5.6
SSE	.2	.2	.3	.1								.9	5.5
S	.2	.5	.5	.1								1.3	6.4
SSW	.2	1.6	1.4	.3								2.9	7.1
SW	.5	1.7	2.2	1.1	.1							5.5	8.1
WSW	.2	2.2	3.5	2.6	.6	.1						10.6	9.7
W	1.0	1.9	4.7	2.7	.6	.1						11.3	6.5
WNW	.6	1.9	2.3	1.0	.1							5.9	7.7
NW	.5	1.1	1.2	.2	.0							3.1	6.6
NNW	1.0	1.9	.9	.1	.0							3.9	6.3
VARBL	2.4	2.6	4.3	1.0	.2							11.1	7.2
CALM												11.0	
	14.6	26.5	32.2	13.0	2.5	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3089

1
 GLOBAL CLIMATE DATA
 USAF-TAU
 AIR CENTER DEPT. OF

SURFACE WINDS

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

34076 SEA LEVEL - ALL WIND 7, 76 47
 STATION NAME YEAR MONTH
ALL WIND
 CLASS 30 - 50
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE	1.0											1.0	0.5
NE													
ENE		3.2	3.2									6.4	2.0
E		4.0	5.0	1.0								15.0	3.0
ESE		1.0										1.0	0.5
SE													
SSE													
S	3.2	3.2										6.4	2.0
SSW		3.2	3.2									6.4	2.0
SW		1.0	3.0	0.0								17.5	3.0
WSW			1.0	1.0								3.2	1.0
W		1.0	3.2	1.0								6.3	0.5
WNW				6.3								6.3	12.5
NW			1.0	1.0								3.2	11.0
NNW													
VARBL	6.3											6.3	2.0
CALM												19.0	
	11.1	19.0	31.7	19.0								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 63

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

34274
STATION

SC - ARPISCO - ALL APR 66
STATION NAME

50-7E
YEARS

01
MONTH

ALL WEATHER
CLASS

2000-0000
HOURS (LST)

CONDITION

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	1.4	.6	.0									2.6	4.2
NNE	.1	.5										.6	4.2
NE	.4	1.1	.7	.2								2.5	4.2
ENE	1.7	1.6	2.7	.7								6.8	4.6
E	4.1	6.3	3.2	.9								14.4	5.4
ESE	1.0	1.2	.2	.1								2.6	4.4
SE	.4	.1										.5	2.3
SSE													
S	.0	.5										1.1	3.8
SSW	.4	2.3	1.0	.5								4.3	4.2
SW	1.4	2.6	2.7	.7								7.4	4.4
WSW	1.3	4.1	2.1	.0								8.7	5.9
W	.7	3.2	4.3	1.5								9.8	7.8
WNW	.4	1.9	.7	.4								3.3	4.2
NW	.4	.1	.5	.1								1.1	4.3
NNW	.5	.2	.1	.4								1.2	7.5
VARBL	6.7	1.9	1.0	.1								6.7	2.9
CALM												26.4	
	18.6	28.5	20.0	6.5								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

208

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHWABTISCH HALL AFAC YEARS: 66-78 MONTH: MAY
 CLASS: ALL WEATHER HOURS (L.S.T.): 0900-1100
 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	1.2	1.4	1.0									3.6	4.7
NNF	1.2	1.5	.1	.1								3.0	4.1
NE	.6	.9	1.2	.5								3.2	7.4
ENE	1.4	1.7	2.1	1.2	.2							6.7	7.3
E	.6	3.5	4.3	1.9	.2							10.5	8.3
ESE	.1	1.2	1.1	.5								2.3	7.4
SE	.1	.1	.5									.7	6.7
SSE	.5	.1	.2	.1								1.0	6.4
S	.5	1.2	.4	.1								2.2	5.4
SSW	.5	.9	.9	.1								2.3	6.2
SW	.5	1.2	2.6	.7	.4							5.4	8.4
WSW	1.2	2.5	3.2	2.3								9.3	8.1
W	1.2	1.3	4.9	3.1								10.7	8.6
WNW	1.6	2.5	1.2	1.6	.1							7.0	7.2
NW	1.0	1.4	1.0	.7								4.1	6.5
NNW	2.1	1.1	.5	.1								3.8	4.2
VARBL	4.9	3.3	4.8	1.4								14.6	5.9
CALM												9.1	
	19.4	25.9	35.0	14.6	1.0							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATE DATA CENTER
 USAF/TAC
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 3407a STATION NAME SCH. AFBISC - ALL AAF JL YEARS 60-78 DAY MAY
STATION MONTH
 CLASS ALL WEATHER HOURS (L.S.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	1.3	3.5	.7	.2								5.9	4.9
NNE	.2	2.3	1.9	.4								5.4	5.2
NE	.4	1.6	1.4	.2								3.6	4.5
ENE	.7	2.0	1.4	1.7	.1							5.9	5.1
E	.2	2.3	2.3	1.6	.1							7.5	5.2
ESE	.4	.6	1.5	.7	.1							3.3	4.9
SE	.1	.7	.4	.1								1.4	4.4
SSE	.4	.4	.2									1.0	5.3
S	.4	.7	.4									1.5	4.9
SSW	.4	.9	.5									1.7	5.6
SW		.9	.7	.4	.2							2.2	9.4
WSW	.7	2.2	2.6	2.7	.1							3.4	9.0
W	.7	2.3	5.1	4.3	.4							12.3	9.4
WNW	1.1	2.3	1.9	1.5	.2							7.5	7.5
NW	.5	2.7	.9	1.1								5.2	7.0
NNW	1.5	3.5	.7	.9								6.7	5.9
VARBL	2.7	5.3	4.6	2.1								15.2	6.6
CALM												4.2	
	13.0	35.9	27.5	18.1	1.4							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHEMPPISC FALL AAF DL YEARS: 62-75 MONTH: MAY
 CLASS: ALL OF THE HOURS (L.S.T.): 1500-1700
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.1	3.3	.5	.5								7.4	4.6
NNE	1.9	1.9	.8	.8								5.2	5.5
NE	.1	1.9	1.7	.6								4.3	7.3
ENE	.1	1.5	1.9	1.6								5.7	5.0
E	.8	2.2	4.4	1.7								9.3	8.2
ESE	.1	1.5	.6	.5								2.7	7.0
SE		.2	.2									.5	6
SSE	.1	.4	.7	.1								1.4	7.0
S	.5	.6	.2	.2								1.6	5.8
SSW	.4	.4	.2									1.0	4.5
SW	.8	1.0	.2	.4	.1							2.3	6.8
WSW	.5	2.0	2.1	2.1	.6	.1						7.4	9.6
W	1.0	2.5	5.3	3.7	.4	.1						13.0	9.1
WNW	.6	3.7	3.6	2.3	.2							10.5	8.5
NW	.7	1.4	1.1	1.1								4.3	7.4
NNW	2.1	3.3	.9	.2								6.6	4.8
VARBL	3.1	4.6	3.6	1.1	.1							12.5	6.2
CALM												4.6	
	16.3	32.3	23.1	17.1	1.5	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATE DATA BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 34076 STATION NAME SUN AFB TSC - TALL MAP YEARS 58-73 MONTH JAN
 CLASS ALL WEATHER MONTHS (L.S.T.) 1958-2, 1959
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-32	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	2.1	.2	.2								4.8	4.3
NNE	2.1	1.5	.2									3.9	3.7
NE	.2	2.0	1.4	.1								5.9	4.2
ENE	2.3	1.8	2.1	1.1								7.2	6.2
E	2.3	2.9	3.3	1.7								10.1	7.1
ESE	1.2	.9	.8									2.9	4.5
SE	.3	.6	.2									1.5	4.1
SSE	.2	.8										.9	4.0
S	.3	.2		.2								1.1	4.4
SSW	.2	.2										.5	3.3
SW	.6	.8	.3	.2								2.2	5.2
WSW	1.2	1.5	1.6	.9	.5	.3						5.2	8.6
W	.2	5.0	4.1	2.4	.5							12.8	8.9
WNW	2.4	4.4	3.6	.5	.3							11.3	6.5
NW	1.7	1.7	1.4	.2								4.8	5.3
NNW	1.6	1.4	1.1	.2								4.4	4.8
VARBL	1.3	2.1	.6									4.5	4.5
CALM												15.5	
	22.0	30.9	21.1	6.7	1.2	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 664

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/ AC

SURFACE WINDS

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

34074 STATION SCHLESISCH HALL AFF DL STATION NAME 71,77-78 YEARS NY NORTH

ALL WEATHER CLASS 2100-2200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2											1.2	2.3
NNE			1.2									1.2	7.0
NE	4.8	1.2	2.4									5.3	4.3
ENE	1.2	2.4	1.2	1.2								6.0	6.5
E	6.0	6.0	2.4									16.7	4.1
ESE	1.2	1.2										2.4	3.0
SE		2.4										2.4	4.0
SSE													
S													
SSW	1.2	3.6										4.8	3.8
SW		2.4										2.4	4.0
WSW		2.4		1.2								3.6	7.3
W	2.4	3.6		1.2								7.1	6.2
WNW	2.4		1.2									3.6	4.7
NW	1.2											1.2	3.0
NNW													
VARBL	6.0	1.2										7.1	2.5
CALM												32.1	
	29.8	26.2	8.3	3.6								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 84

6522

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AF

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHLESFISC HALL AAF DL YEARS: 44-78 MONTH: ALL
 CLASS: ALL WEATHER HOURS (L.S.T.): ALL
 CONDITION: _____

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	1.0	2.1	.6	.2								4.7	4.6
NNE	1.2	1.5	.6	.3								3.5	5.1
NE	.5	1.6	1.2	.4								3.0	4.0
ENE	1.3	1.6	2.0	1.2	.1							6.4	7.2
E	1.7	2.5	3.7	1.5	.1							17.5	7.2
ESE	.5	1.1	.6	.4	.3							2.5	4.5
SE	.2	.4	.2	.1								.8	5.2
SSE	.2	.3	.2	.								.5	4.1
S	.5	.7	.2	.1								1.4	4.9
SSW	.4	1.1	.6	.1								2.1	5.6
SW	.5	1.3	1.5	.6	.1							4.1	7.4
WSW	1.1	2.4	2.3	1.2	.2	.1						7.0	5.2
W	.9	2.9	4.6	3.1	.2	.1						11.7	5.6
WNW	1.2	2.9	2.1	1.4	.2							7.7	7.4
NW	.6	1.4	.9	.7								2.5	6.6
NNW	1.5	1.9	.6	.3								4.4	5.2
VARBL	3.4	3.5	2.9	.9	.0							10.7	5.7
CALM												12.4	
	18.1	30.4	25.2	12.9	1.0	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 4048

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/40

SURFACE WINDS

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

34074 SCHAEFISCH - ALL AAF JL 7, 72, 76 MONTH

STATION STATION NAME YEARS MONTH

ALL WEATHER CLASS 0800-0900 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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		1.5	1.5									2.9	6.5
ENE		1.5										1.5	6.0
E	1.5	11.6	11.6	1.5								26.5	6.4
ESE	2.9											2.9	3.0
SE		1.5										1.5	5.0
SSE													
S													
SSW	1.5	4.4										5.9	4.3
SW		7.4	1.5									8.8	3.3
WSW	1.5	2.9	1.5	1.5								7.4	6.4
W		1.5	1.5									2.9	2.0
WNW		2.9	2.9									5.9	7.3
NW			1.5	2.0								4.4	10.3
NNW	2.9	2.9										5.9	3.0
VARBL		2.9										2.9	4.0
CALM												20.6	
	10.3	41.2	22.1	5.9								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 66

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR MATER SERVICE/TAC

SURFACE WINDS

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

34074 SCHRAERISCH HALL AAF LL 60-78 JUNE
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.1	.2	.2								2.2	5.2
NNE	.9	.4	.2	.1								1.6	4.4
NE	.2	.2	.6									1.1	6.6
ENE	2.2	1.9	.7	.1								5.1	6.2
E	4.8	3.6	3.2	.5								12.1	4.9
ESE	1.5	.9		.2								2.6	4.2
SE	.5	.1										.6	3.2
SSE		.1										.1	4.0
S	.4	.4	.1									.9	4.1
SSW	1.2	1.4	.6									3.2	4.5
SW	1.0	3.3	2.0									6.3	5.5
WSW	1.5	3.2	2.3	.5								7.5	6.0
W	.2	4.1	4.0	1.6								9.9	7.8
WNW	.9	1.5	1.0	.6								4.0	7.0
NW	.7	.9	.6	.4								2.6	6.1
NNW	.5	.7	.5	.1								1.9	5.6
VARBL	2.8	1.1	1.7	.5								6.2	5.1
CALM												32.2	
	20.1	24.8	17.9	4.9								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 610

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34074 SCHAEFISCH HALL AAF LL 66-78 1950-1960

STATION STATION NAME YEARS MONTHS

ALL WEATHER MONTHS (L.S.T.)

CLIMATE

CONDITION

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	2.2	2.6	1.0									5.2	4.5
NNE	2.2	1.1	1.0	.2								4.2	4.9
NE	.7	1.5	.6	.1								3.0	5.5
ENE	1.6	2.2	1.6	.6								6.1	6.1
E	1.7	2.2	4.2	1.5	.2							9.4	7.5
ESE	.5	1.2	1.2	.1								3.1	6.3
SE	.2	.1	.2									.6	5.6
SSE	.1	.2	.1									.5	5.0
S	.2	.5	.5									1.2	5.7
SSW	.4	1.4	.7									2.5	5.5
SW	.5	1.7	1.6	.4	.1							4.3	7.0
WSW	1.2	2.7	3.1	1.5								8.5	7.2
W	.9	3.3	3.8	2.3	.1							12.5	8.3
WNW	.6	2.8	2.5	1.1	.1							7.0	7.2
NW	.9	1.6	1.6	.4								4.4	6.7
NNW	1.2	1.7	.6	.2								3.8	5.0
VARBL	3.0	2.6	4.9	1.5	.2							12.2	6.9
CALM												11.2	
	18.0	29.0	31.4	9.4	.9							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
 USAFPTAC
 AIR WEATHER SERVICE/AF

SURFACE WINDS

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

34074 SCHKAEPISCH HALL AAF DL 52-78 J. . .
STATION STATION NAME YEARS MONTH

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	2.1	3.5	1.0	.9								7.4	5.2
NNE	1.7	2.6	1.5	.6								6.4	5.6
NE	.5	2.2	2.0									4.8	6.2
ENE		2.6	2.1	.4	.1							5.7	6.7
E	1.0	2.0	2.2	1.5	.6							7.3	8.4
ESE	.2	1.2	.6	.2								2.2	6.3
SE	.1		.1									.2	4.0
SSE	.1	.4	.4									.9	5.6
S	.4	.9	.4									1.6	5.1
SSW	.1	.4	1.0	.1								1.6	7.6
SW	.1	.4	1.6	.2								2.3	8.2
WSW	.4	1.2	2.8	1.4								5.8	8.4
W	.9	3.2	3.2	2.2	.5							11.0	8.9
WNW	.7	3.5	3.6	2.1	.1							10.0	7.9
NW	1.0	1.5	1.9	.1	.1							4.6	6.6
NNW	2.6	3.2	.9	.1								6.8	4.3
VARBL	3.6	4.0	7.6	1.2								16.5	6.7
CALM												4.7	
	16.3	32.6	32.8	12.1	1.5							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 810

A6508

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

34074 SCHAEFERS HALL AFB AL 63-75 MONTH

STATION STATION NAME YEARS

CLASS 1500-1700

MOONS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	3.2	1.5	.1								5.8	4.5
NNE	1.6	3.7	1.9	1.0								9.2	6.0
NE	.7	3.2	1.7	.4								6.1	4.0
ENE	.5	1.6	1.7	.6	.1							4.6	7.7
E	1.1	1.4	2.0	1.2	.1							5.2	7.6
ESE	.7	.9	.4	.1	.1							2.2	5.9
SE	.1	.6	.1									.3	5.1
SSE	.2	.4	.2									.9	4.6
S	.6	.5	.2									1.6	4.7
SSW	.6	.6	1.0	.1								2.5	6.9
SW	.1	1.1	.7	1.8								3.0	5.1
WSW	.4	1.4	1.6	.6								4.0	7.6
W	.6	3.2	4.6	2.6	.2							11.2	8.6
WNW	.5	2.8	2.5	1.6	.1							7.9	7.8
NW	.7	1.9	1.6	.4								4.6	5.4
NNW	2.3	2.0	1.9	.1								6.3	4.9
VARBL	2.8	5.1	6.7	1.9	.1							16.6	6.7
CALM												5.3	
	18.2	33.5	30.3	11.9	.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 209

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCOTT AFB IL YEAR: 60-73 MONTH: ALL MONTHS
 CLASS: ALL MONTHS MONTHS (L.S.T.): 12
 CONDITION: _____

06570

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	2.7	1.2	.8									4.7	2.7
NNE	3.3	2.4	2.1	.3								7.9	3.0
NE	2.4	2.6	.6	.5								4.1	2.3
ENE	1.3	1.2	.5	.5								4.0	1.8
E	1.7	1.4	1.1	.5	.2							4.7	1.8
ESE	1.1	.9	.2	.3								2.4	1.8
SE	.6	.2										.9	1.8
SSE	.3	.3										.6	1.5
S		.2	.2									.3	1.0
SSW	.2	.6	.3									1.1	1.7
SW	1.4	.9	.8	.2								3.2	1.0
WSW	1.3	2.4	1.4		.2							5.0	1.7
W	.9	4.3	4.6	1.5	.3							11.8	2.8
WNW	3.0	2.3	1.1	.2	.3							6.9	1.2
NW	1.3	1.7	1.6	.4								5.0	1.8
NNW	1.5	1.7	1.5									4.7	1.9
VARBL	3.2	3.0	3.0	.9	.6							10.8	1.7
CALM												19.2	
	26.8	27.3	19.8	5.3	1.5							100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 656

GLOBAL CLIMATE BRANCH
 USAF AC
 AIR WEATHER SERVICE/TAF

SURFACE WINDS

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

34074 SC-BAE1507 FALL AFB AL 71,77-78 MONTH
STATION STATION NAME YEAR MONTH

all NE-TRE 2100-2300
CLUB OTHER CL & T.S.

SECTION

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													
NNE	1.1											1.1	2.0
NE		2.3										2.3	4.0
ENE	3.9											3.9	1.2
E	2.3											2.3	2.5
ESE													
SE													
SSE													
S													
SSW													
SW	4.5	2.3										6.8	3.3
WSW	1.1	2.3										3.4	4.0
W	1.1	5.7	4.5									11.4	5.7
WNW	2.3	1.1	1.1									4.5	4.5
NW													
NNW			1.1									1.1	10.0
VARBL	6.8	6.8	3.4									17.0	4.6
CALM												46.6	
	22.7	20.5	10.2									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 88

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AF

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHAUBERISCH HALL AAF JL YEARS: 66-78 MONTH: JUL
 CLASS: ALL WEATHER HOURS (L.S.T.): ALL
 CONDITION: _____

SPEED (KNTS) D.R	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	≥56	%	MEAN WIND SPEED
N	2.2	2.1	.5	.2								3.5	4.6
NNE	1.6	2.0	1.3	.4								3.4	5.4
NE	.3	1.9	1.1	.2								4.1	5.7
SNE	1.4	1.9	1.3	.4	.0							3.2	5.9
E	2.1	2.2	2.7	.9	.2							6.2	6.7
ESE	.4	1.0	.5	.2	.0							2.5	5.5
SE	.3	.2	.1									.6	4.3
SSE	.1	.3	.1									.6	4.9
S	.2	.5	.3									1.1	5.1
SSW	.5	.9	.7	.1								2.2	5.4
SW	.7	1.6	1.3	.3	.0							4.0	6.5
WSW	.5	2.2	2.2	.3	.0							6.2	7.0
W	.7	3.5	4.4	2.2	.2							11.1	8.3
WNW	1.2	2.6	2.1	1.1	.1							7.1	7.1
NW	1.0	1.4	1.5	.4	.0							4.3	6.4
NNW	1.5	1.9	1.0	.1								4.6	4.8
VARBL	3.1	3.2	4.0	1.2	.2							12.5	6.5
CALM												15.2	
	19.5	29.5	26.3	3.6	.9							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 251

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34074 SCHAEFISCH HALL AAF DL 7 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 1300-0500
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			1.6									1.6	7.0
NNE													
NE		1.6										1.6	4.0
ENE													
E	3.2	1.6	1.6									6.5	5.0
ESE		1.6										1.6	4.0
SE													
SSE	1.6											1.6	3.0
S	1.6			3.2								4.8	3.0
SSW		1.6										1.6	4.0
SW		6.5	12.9	3.2								22.6	8.4
WSW		6.1	9.7		3.2							21.0	8.6
W			6.5									6.5	3.5
WNW			3.2		1.6							4.8	12.7
NW													
NNW													
VARBL		3.2										3.2	4.5
CALM												22.6	
	6.5	24.2	35.5	6.5	4.8							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 62

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

34074 SCHAEFISCH HALL AAF AL 60-78 30
STATION STATION NAME YEARS MONTH

ALL WEATHER 3600-630
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	1.4	.1										1.5	2.4
NNE	.4	.4										.8	3.0
NE	.4	.6										1.0	4.1
ENE	1.9	.5	.1									2.5	3.1
E	4.0	4.2	1.6	.3								10.1	4.6
ESE	.8	.2	.1									1.1	3.1
SE	.3	.5										.8	3.3
SSE	.1											.1	3.0
S	.2	.6										.9	4.2
SSW	.3	1.9	.5									2.7	5.5
SW	2.4	3.2	2.0	.1	.1							7.8	5.4
WSW	2.9	5.3	2.0	.6	.3							11.1	5.7
W	1.5	2.7	3.9	1.0	.1							9.2	7.0
WNW	1.3	1.0	1.3	.3								3.8	5.8
NW	.8	.3	.4	.1								1.8	5.1
NNW	.4	.6	.1									1.1	4.2
VARBL	5.2	1.4	.5	.3								7.6	3.6
CALM												36.0	
	24.1	23.8	12.9	2.7	.5							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHWAEIFISCH HALL AAF JL YEARS 66-78 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1800
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	1.3	.1									3.1	3.4
NNE	.8	1.0	.3									2.1	4.2
NE	.7	.6										1.5	3.4
ENE	1.2	1.6	.4									3.2	4.6
E	1.5	4.9	2.1	.5								8.4	5.1
ESE	.4	1.3	1.5	.4								3.5	6.6
SE	.3	.3	.1									.6	4.3
SSE		.1	.3									.4	6.7
S		.1	.3									.4	3.3
SSW	1.0	1.0	1.0	.3								3.3	5.6
SW	1.5	1.6	2.6	.6	.1							6.5	6.7
WSW	.3	3.3	2.9	1.5	.3							8.7	7.6
W	1.1	4.9	6.2	1.6	.1							13.9	7.4
WNW	1.4	2.3	3.0	.5								7.2	6.5
NW	1.3	1.9	.4	.4								3.9	5.4
NNW	2.1	1.9	.8									4.8	4.2
VARBL	6.3	5.8	4.4	.6	.4							17.5	5.3
CALM												11.3	
	22.0	33.0	26.1	6.7	.9							100.0	5.3

TOTA. NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/YAF

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHAEFERS HALL AFB AL YEARS: 66-75 MONTH: JUL
 CLASS: ALL WEATHER HOURS (L.S.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	1.4	2.8	.3									4.4	3.9
NNE	1.2	1.4	.9									3.3	5.0
NE	.5	1.1	.3									2.1	5.4
ENE	.6	1.9	.5									3.3	5.0
E	1.3	2.8	1.8	1.1								5.9	6.7
ESE	.4	.8	1.0									2.1	6.2
SE		.5	.4									.9	6.4
SSE	.1											.1	2.0
S	.3	.4										.9	3.3
SSW	.4	.3	.8									1.3	6.0
SW	.4	1.4	1.6	.2	.1							3.9	7.3
WSW	.8	1.6	2.1	1.5	1.0							7.0	9.8
W	1.3	2.9	6.8	2.9	.3							14.1	8.6
WNW	1.4	3.5	5.5	1.5								11.9	7.4
NW	1.4	2.6	1.5	.3								5.8	5.3
NNW	2.4	2.6	.6									5.7	4.2
VARBL	5.7	6.7	6.4	1.6	.1							20.5	4.0
CALM												5.8	
	19.5	33.2	30.7	9.3	1.5							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34074 SCHAEFISCH FALL AAF DL 68-78 JJL

STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.1	2.5	.3									5.9	3.5
NNE	1.1	2.1	1.4									4.6	5.4
NE	.4	1.8	.9									3.0	5.6
ENE	.9	1.2	.6	.3								3.3	5.4
E	.2	1.6	1.9	.4								4.6	6.4
ESE	.5	1.0	1.4									2.9	5.2
SE	.1	.3	.4									.9	6.9
SSE	.4	.1										.5	2.8
S	.5	.4										.9	2.2
SSW	.3	1.0	.3									1.5	5.2
SW	.1	.5	1.0	.4	.1							2.1	2.7
WSW	1.1	1.1	3.4	.6	.4							5.6	8.3
W	1.1	4.1	6.0	3.9	.6							15.8	9.0
WNW	1.1	4.4	3.6	1.5	.1	.1						12.9	7.5
NW	1.3	1.9	1.8	1.0								5.9	6.7
NNW	1.9	2.9	1.6	.1								6.5	5.3
VARBL	3.6	6.1	4.4	.9	.1							15.3	5.5
CALM												6.5	
	18.3	33.6	30.9	9.2	1.4	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/

SURFACE WINDS

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

34074 SONGAEISU ALL AAF LL 54-78 1970-2000
STATION STATION NAME YEARS MONTH
CLASS ALL RE-TIME
CONDITION

96519

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.5	.6									4.0	4.3
NNE	2.3	1.1	.8									4.1	4.3
NE	.9	1.2	.5									2.6	4.5
ENE	.6	.8	.2									1.5	3.8
E	1.1	.8	1.4	.2								3.4	5.7
ESE	.2	.8	.5									1.4	4.2
SE	.3	1.1										1.4	4.3
SSE		.3										.3	5.0
S	.2	.3										.5	4.0
SSW	.2	.6	.2	.2								1.1	5.4
SW	.2	.6	.6	.3	.2							2.4	6.7
WSW	1.1	3.0	3.2	.5	.2							7.3	4.8
W	1.4	4.4	3.7	1.2	.2							10.8	7.0
WNW	2.0	3.5	3.5	.6								9.6	6.2
NW	1.7	2.0	1.2	.5								5.3	5.5
NNW	2.1	1.7	.5									4.3	4.0
VARBL	4.3	5.5	2.9	1.4	.3	.2						14.5	6.2
CALM	X	X	X	X	X	X	X	X	X	X	X	25.2	
	20.7	29.1	19.5	4.7	.6	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 656

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHNAEPISCH HALL AAF DL YEARS: 71,77-78 MONTH: JUL
 CLASS: ALL WEATHER HOURS (L.S.T.): 2100-2300
 CONDITION: _____

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	1.1											1.1	1.0
NNE		2.3										2.3	5.1
NE	1.1											1.1	2.0
ENE	2.3											2.3	2.3
E	1.1	2.3										3.4	2.3
ESE		1.1										1.1	5.0
SE													
SSE		1.1										1.1	4.0
S													
SSW													
SW		2.3										2.3	4.5
WSW	5.7	2.3	2.3	1.1								11.5	5.3
W		2.3	2.3									4.6	5.3
WNW		2.3										2.3	4.5
NW													
NNW													
VARB	5.7	2.3										6.0	2.9
CALM												58.6	
	17.2	18.4	4.6	1.1								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 67

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34774 SCHAEFERS HALL AFB AL 62-76 JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	.3									3.7	3.5
NNE	1.3	1.2	.6									2.9	4.0
NNE	.6	1.1	.4									2.2	4.3
ENE	1.1	1.3	.4	.1								2.3	4.5
E	1.5	2.7	1.7	.5								6.7	5.8
ESE	.4	.8	.9	.1								2.2	5.9
SE	.2	.5	.2									.8	5.1
SSE	.2	.1	.1									.2	4.2
S	.3	.4	.1	.1								.8	4.7
SSW	.4	1.0	.5	.1								1.9	5.5
SW	1.1	1.6	1.7	.4	.1							4.9	6.6
WSW	1.4	2.9	2.3	1.5	.4							9.5	7.4
W	1.2	3.7	5.3	2.1	.3							12.6	9.0
WNW	1.4	2.9	3.7	.9	.1	.0						8.9	7.3
NW	1.2	1.7	1.0	.4								4.3	5.8
NNW	1.1	1.9	.7	.0								4.3	4.5
VARBL	5.0	5.0	3.7	.9	.2	.0						14.8	5.5
CALM												17.6	
	20.6	30.2	23.9	6.5	1.0	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 3984

96550

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHEERISCO HALL AAF WL YEAR 69-70 MONTH ALL MONTHS
 CLASS ALL WEATHER HOURS (L.S.T.) 2000-0500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E	2.5	10.1	1.2									13.8	4.9
ESE		5.1	1.2									6.3	5.0
SE			1.2									1.3	5.3
SSE													
S		1.2										1.3	4.0
SSW	1.3	5.1	1.2									7.6	4.8
SW		8.9	6.3									15.2	7.2
WSW	3.2	1.2	10.1									15.2	7.0
W		2.5	6.3									8.9	6.9
WNW		1.2	1.2									2.5	7.5
NW		2.5	1.2									3.8	6.3
NNW													
VARBL	7.6	3.8										11.4	3.1
CALM												12.7	
	15.2	41.8	30.4									100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 79

GLOBAL CLIMATOLOGY BRANCH
 USAFETA
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

34074 SURFACE WINDS - FALL 1978 1978 47
STATION NAME YEARS MONTH
ALL WEATHER 1978-1980
CLASS HOURLY (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 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										.6	4.6
NNE	.3	.2	.1									.9	2.7
NE	.9	.6	.5									1.9	4.6
ENE	1.0	1.5	.2									2.8	2.7
E	5.5	4.3	1.5									11.3	4.0
ESE	.3	.7	.3									2.2	3.1
SE	.2	.1	.1									.5	4.5
SSE													
S		.4	.2									.4	6.6
SSW	1.1	1.9	.7									3.8	5.0
SW	1.1	3.4	1.6									6.1	5.3
WSW	2.1	3.4	2.7	.1								8.3	5.6
W	2.1	2.8	1.9	.7								7.6	6.0
WNW	.9	1.0	1.1	.2								3.2	4.1
NW	.4	1.1	.5									1.9	5.3
NNW	.9	.1	.1	.1								1.2	3.9
VARBL	5.2	1.3	.6									7.2	2.1
CALM												39.0	
	23.5	23.4	12.9	1.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34074 STATION SURFETAC FALL AFB TX 42-78 YEARS NORTH
 CLASS ALL WEATHER HOURS (L.S.T.) 900-1100
 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	1.2	.5	.2									1.9	2.7
NNE	.4	.7	.2									1.3	4.5
NE	.2	1.1	.5									2.1	5.2
ENE	.2	1.9	.7									3.5	4.9
E	1.9	3.4	3.2	1.7								10.3	6.8
ESE	1.1	1.2	3.4	.7								6.2	7.1
SE	.4	.6	.6									1.6	5.5
SSE	.5	.6	.1									1.2	4.0
S		1.3	.6	.1								2.1	5.3
SSW	.5	2.4	.4	.1								3.8	5.1
SW	.9	1.9	1.7	.5								5.0	6.6
WSW	1.7	2.7	3.4	.9	.1							8.8	6.9
W	1.2	4.0	3.4	1.1								9.7	6.7
WNW	1.6	2.9	1.9	.5								6.9	6.1
NW	.7	.9	.9	.1								2.6	5.4
NNW	1.6	2.7	.4									4.6	4.2
VARB	4.7	3.4	4.7	.9								13.7	5.5
CALM												14.6	
TOTAL	20.0	32.4	26.5	6.4	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATELOGY SPA OF
 USAFETAC
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION 34074 SUMMAEPISCO HALL AFB AL 61-73 YEARS 7-10
STATION NAME CLASS MONTH
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	.5	3.0	.4									4.2	4.5
NNE	.5	1.3	.7									2.9	4.8
NE	.4	1.1	.9									2.3	5.8
ENE	1.0	2.2	1.3	.1								4.6	5.7
E	1.0	1.9	3.0	.2	.1							6.9	6.6
ESE	.9	1.9	2.3	.5								5.6	6.7
SE	.2	.6	.8	.1								1.1	6.3
SSE	.4	.4	.1									.9	4.3
S	1.0	.2	.2	.1								1.6	4.5
SSW	.9	1.2	.9									2.9	5.3
SW	.9	1.6	.7	.2	.1							3.8	4.3
WSW	1.1	3.0	2.6	1.1	.1							7.9	7.2
W	1.2	4.4	5.7	4.6	.1							14.0	7.9
WNW	1.9	3.4	1.7	.9								7.9	4.2
NW	.7	1.9	1.5	.2								4.4	5.9
NNW	2.3	2.9	1.0									6.2	4.3
VARL	3.2	4.0	7.1	1.7	.2							15.2	7.0
CALM												5.1	
	19.2	35.5	31.7	7.8	.7							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATE DATA CENTER
 USAFETAC
 AIR WEATHER SERVICE/AF

SURFACE WINDS

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

STATION: 3407 NAME: SCH. AETIS - ALL - F - 11
 YEAR: 1978
 ALL SECTORS
 CLIM
 MONTH: 151-170
 MONTHS (L.S.V.)

06559

SPEED (KNOTS) DIR.	1-3	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	3.5	.5									6.2	4.3
NNE	.5	2.3	1.3	.2								4.4	5.9
NE	.7	2.3	.5									3.5	5.3
ENE	.3	1.6	1.0	.2								3.7	5.3
E	.5	4.0	3.2	.7								3.3	6.3
ESE	.3	1.7	1.2									2.4	5.9
SE		.5	.5									.2	6.7
SSE	.2	.2	.6									1.7	5.1
S	.6	.3	.6									1.7	5.3
SSW		.7	.2									1.0	5.1
SW	.4	.5	1.0	.4								2.2	7.6
WSW	.6	1.3	1.7	.9	.2							5.0	7.9
W	1.3	3.9	6.3	2.9	.6							15.1	6.5
WNW	1.5	4.6	2.9	1.0								10.2	6.5
NW	1.6	2.9	1.3									5.1	4.9
NNW	2.3	2.2	1.2									5.7	6.6
VARB	3.7	4.6	6.7	.5								19.5	6.2
CALM												5.5	
	18.1	37.9	30.9	6.7	.9							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS A21

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHWAERISCH HALL AAF DL YEARS 69-70 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 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	1.5	2.2	.6									4.2	4.4
NNE	1.6	1.6	1.2									4.5	4.7
NE	1.6	2.2	.9									4.6	4.5
ENE	1.6	1.0	.9									3.5	4.6
E	2.3	2.8	2.2	.3								7.6	5.2
ESE	1.5	.7	.4	.1								2.8	4.1
SE	1.3	.7	.1									2.2	3.9
SSE	.4	.1										.6	3.5
S	.3	1.2	.3									1.8	5.1
SSW	.3	.7	.3									1.3	4.4
SW	.6	1.6	.7	.4								3.4	6.1
WSW	1.0	1.8	1.5	.4	.1							4.8	6.5
W	2.6	2.6	4.5	1.2	.3							11.4	6.8
WNW	2.0	3.2	1.0	.1								6.4	5.0
NW	1.8	1.3	1.2									4.2	4.5
NNW	.9	1.2	.3	.1	.1							2.6	5.3
VARBL	2.5	3.5	1.0	.1								7.2	4.6
CALM												26.5	
	24.3	28.6	17.1	2.9	.6							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 688

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34074
STATION

SCHWAERISCH HALL AAF DL
STATION NAME

71-77-78
YEARS

AUG
MONTH

ALL FEATHER
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													
NNE		1.3										1.3	4.0
NE	2.7											2.7	2.0
ENE													
E	2.7	2.7	1.3									5.7	4.2
ESE													
SE			2.7									2.7	7.0
SSE													
S		2.7										2.7	6.0
SSW													
SW	2.7	6.7										9.3	4.4
WSW		1.3										1.3	6.0
W	4.0	4.0	2.7	2.7								13.3	6.5
WNW	1.3	1.3										2.7	5.5
NW													
NNW	1.3											1.3	3.0
VARBL	2.7	1.3		1.3								5.3	4.8
CALM												50.7	
	17.3	21.3	6.7	4.0								100.0	4

TOTAL NUMBER OF OBSERVATIONS 75

A65F8

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHWAEBISCH HALL AAF DL YEAR: 68-78 MONTH: AUG
 CLASS: ALL WEATHER HOURS (L.S.T.): ALL
 CONDITION: _____

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	1.1	1.9	.4									3.3	4.5
NNE	.8	1.2	.7	.3								2.7	5.0
NE	.6	1.4	.6									2.8	5.0
ENE	1.2	1.6	.8	.1								3.6	5.0
E	2.4	3.4	2.6	.6	.0							9.0	5.7
ESE	.9	1.3	1.6	.2								4.1	6.1
SE	.4	.5	.4	.0								1.3	5.4
SSE	.3	.3	.2									.8	4.5
S	.4	.0	.4	.0								1.6	5.4
SSW	.6	1.5	.5	.0								2.6	5.1
SW	.8	2.1	1.2	.3	.0							4.4	6.2
WSW	1.4	2.4	2.5	.7	.1							7.1	6.8
W	1.7	3.6	4.4	1.7	.2							11.6	7.4
WNW	1.5	3.0	1.7	.5								6.7	6.1
NW	1.0	1.6	1.0	.1								3.8	5.2
NNW	1.8	1.8	.6	.0	.0							4.0	4.4
VARBL	4.0	3.3	4.0	.7	.0							12.0	5.7
CALM												10.5	
	20.7	31.6	23.7	5.0	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 6125

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 34074 STATION NAME SCHWAEBISCHE HALL AAF DL YEARS 59-70 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-0500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	2.6										4.3	3.2
NNE	.9	.9										1.7	3.5
NE		1.7										1.7	4.5
ENE	.9	1.7	2.6									5.1	5.7
E	5.1	10.3	6.0									21.4	5.2
ESE	1.7	1.7										3.4	3.3
SE													
SSE													
S	.9											.9	2.0
SSW		5.1	1.7									6.8	6.1
SW	.9	2.6	1.7									5.1	6.0
WSW		2.6	3.4	2.6	.9							9.4	10.0
W	.9			.9								1.7	8.0
WNW		.9										.9	4.0
NW													
NNW													
VARBL	6.0	2.6	.9	2.6	.9							12.8	6.3
CALM												24.8	
	18.8	32.5	16.2	6.0	1.7							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 117

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHAEERISCH HALL AAF DL YEARS 68-78 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

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	.3											.3	1.5
NNE	.4	.3										.7	3.2
NE	.2	.9	.3									1.5	5.1
ENE	.8	2.1	.1									3.1	4.3
E	4.4	3.7	1.9	.4								12.4	4.8
ESE	1.5	.9	.4									2.8	4.0
SE	.1											.1	2.0
SSE		.1										.1	2.0
S	.1	.7	.1									.9	4.7
SSW	.8	2.4	1.1	.1								4.4	6.4
SW	2.5	3.7	.9	.4								7.6	4.6
WSW	1.2	2.7	2.5	.8	.5	.1						8.8	7.6
W	.9	1.6	2.0	.5								5.1	4.9
WNW	.8	.7	.4									1.9	4.4
NW	.3	.5										.8	4.0
NNW	.3	.1										.4	3.0
VARBL	3.1	1.3	.4	.4								5.2	4.0
CALM												44.1	
	17.7	23.9	11.1	2.7	.5	.1						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 751

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074
STATION

SCHWABISCH HALL AAF DL
STATION NAME

69-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	.3										1.3	2.6
NNE	.3	.7	.8									1.7	5.8
NE	.5	1.5	.3									2.2	4.9
ENE	1.2	1.2	.9									3.3	4.9
E	3.0	4.8	3.3	.8								11.6	6.0
ESE	.9	1.6	.9	.3								3.8	7.1
SE	.3	.5	.3									1.1	4.5
SSE	.4	.3	.1									.8	4.0
S	.7	.7	.8	.1								2.2	5.3
SSW	1.9	1.7	1.5									5.0	5.1
SW	1.2	4.2	2.1	.8								8.3	6.3
WSW	1.2	2.9	3.7	1.6	.1							9.8	7.7
W	1.6	2.1	3.7	1.2								8.6	7.4
WNW	1.2	.9	1.3	.3								3.7	5.7
NW	.5	.8	.1									1.5	5.9
NNW	1.5	.8		.1								2.4	3.3
VARBL	5.0	3.0	2.8	2.1								13.0	5.9
CALM												19.8	
	22.0	27.6	22.6	7.8	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 756

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074 SCHWAEBISCH HALL AAF DL 68-72 SEP
STATION STATION NAME YEARS

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	.7	.8	.1								3.0	4.8
NNE	1.7	1.6	1.1									4.4	4.5
NE	1.6	2.1	1.5									5.2	5.1
ENE	.4	.8	1.3	.3								2.8	7.0
E	1.5	3.4	2.2	.7								7.8	6.1
ESE	.2	1.2	1.6	.3								4.0	6.1
SE	.5	.4	.1									1.1	4.1
SSE	.1	.4	.8									1.3	7.0
S	.8	.5	1.2	.1								2.6	6.0
SSW	1.1	.4	1.3	.5								3.3	6.7
SW	.5	2.8	3.2	1.1								7.5	7.6
WSW	.7	1.7	2.8	3.7	.5							9.6	10.0
W	.7	2.5	5.3	2.2	.4							11.1	8.7
WNW	1.7	3.6	2.0	.4								7.7	5.7
NW	1.3	1.6	.5									3.4	4.5
NNW	2.0	1.5	.3									3.7	3.6
VARBL	4.1	4.0	5.3	1.1	.1	.4						14.8	6.7
CALM												5.7	
	20.9	29.2	31.2	10.4	1.1	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 756

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074 STATION SCHRAEBISCH HALL AAF DL STATION NAME 66-78 YEARS SEP MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	2.3	1.3									6.5	4.4
NNE	.3	2.6	.9	.1								3.9	5.9
NE	1.7	1.1	.9									3.8	4.6
ENE	1.6	1.7	1.7	.1								5.2	5.5
E	.5	3.5	2.0	.8								6.9	6.9
ESE	.5	1.1	1.1									2.7	5.8
SE	.8	.8	.3	.1								2.0	4.7
SSE	.4	.4	.1									.9	4.4
S	.9	1.9	1.1	.1								4.0	5.7
SSW	.7	.8	.7	.2								2.4	5.9
SW	.5	1.7	.3	.9	.3							3.8	7.4
WSW	1.2	2.3	3.1	2.4	.5							9.6	8.8
W	1.1	2.8	6.5	1.9	.4							12.7	8.1
WNW	1.2	4.3	2.2	.7	.3							8.6	6.5
NW	1.3	2.6	1.2	.1								5.2	4.8
NNW	1.9	1.1	.8									3.8	4.3
VARBL	2.4	3.5	3.9	.7	.1							10.6	6.2
CALM												7.4	
	20.1	34.5	28.1	8.3	1.6							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34074 STATION SCHNAEBISCH HALL AAF LL STATION NAME 68-78 YEAR SEP MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

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	1.8	1.2	.8									3.9	4.2
NNE	.8	2.2	2.0									5.0	6.0
NE	.5	1.0	1.7									3.2	6.2
ENE	2.0	.5	.3									2.9	3.6
E	1.2	3.7	2.7	.3								7.9	6.1
ESE	1.0	1.7	.8									3.5	4.5
SE	.7	.3	.7									1.7	5.0
SSE		.5										.5	4.0
S	.5	1.8	.3	.7								3.4	6.3
SSW	.5	1.2	.5									2.2	6.0
SW	.5	2.5	1.5	.5								5.0	6.3
WSW	.8	2.2	3.0	1.2	.2							7.4	8.0
W	2.5	5.0	2.5	.5								10.6	6.5
WNW	2.3	1.8	.5	.7								5.4	6.2
NW	1.0	.3	.2									1.5	3.3
NNW	.8	1.0	.2									2.0	4.3
VARBL	1.8	.8	.7	1.0	.2							4.5	6.6
CALM												29.5	
	19.0	27.9	18.5	4.9	.2							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHWAEBISCH HALL AAF JL YEARS 77-78 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		4.3										4.3	5.0
NNE													
NE		4.3										4.3	5.0
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW	4.3		4.3									8.7	6.0
WSW	8.7	4.3	4.3									17.4	4.3
W		8.7		8.7								17.4	9.3
WNW			4.3									4.3	10.0
NW													
NNW													
VARBL													
CALM												43.5	
	13.0	21.7	13.0	8.7								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 23

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

34074 SCHWAEBISCH HALL AAF DL 48-78 SEP
STATION STATION NAME YEAR MONTH

ALL WEATHER
CLASS

CONDITION

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	1.5	.9	.6	.0								3.0	4.2
NNE	.7	1.4	.9	.0								3.0	5.3
NE	.3	1.6	.9									3.1	5.1
ENE	1.1	1.3	1.0	.1								3.5	5.2
E	2.2	4.4	2.5	.6								9.7	5.8
ESE	.9	1.3	.9	.2								3.3	5.6
SE	.5	.4	.2	.0								1.1	4.6
SSE	.2	.3	.2									.7	5.2
S	.6	1.0	.7	.2								2.5	5.2
SSW	1.0	1.4	1.0	.2								3.6	5.6
SW	1.1	3.0	1.5	.7	.1							6.5	6.4
WSW	1.0	2.4	3.2	2.0	.4	.0						9.1	8.5
W	1.3	2.7	3.9	1.3	.2							9.4	7.5
WNW	1.4	2.2	1.3	.4	.1							5.3	5.8
NW	.9	1.1	.5	.0								2.5	4.5
NNW	1.3	.9	.2	.0								2.4	3.8
VARB	3.3	2.6	2.8	1.1	.1	.1						9.0	4.1
CALM												21.4	
	19.9	28.7	22.2	6.0	.8	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 4742

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

SURFACE WINDS

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

34074 SCHAEFERISCH HALL AAF DL 69-70,78 JCT
STATION STATION NAME TIME REPORT

ALL WEATHER
CLASS

0900-0500
PERIOD (L.S.T.)

CLOUDS

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													
NNE													
NE	.9											.9	2.0
ENE		.9										.9	4.0
E	1.9	14.8	.9									17.6	5.2
ESE		3.7	2.8									6.5	4.0
SE			.9									.9	10.0
SSE													
S		.9										.9	4.0
SSW	.9	6.5	3.7									11.1	4.5
SW	.9	3.7	2.8									7.4	4.6
WSW		.9	3.7	3.7								8.3	11.1
W		.9	3.7	1.9	.9	.9						8.3	12.3
WNW				.9								.9	12.0
W													
WNW			.9									.9	5.0
VARB	9.3	2.8	.9									13.0	7.0
CALM												22.2	
	13.9	35.2	20.4	6.8	.9	.9						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 100

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34074 SCHWÄEBISCH HALL AAF DL 68-78 OCT

STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800

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	1.6	.6										2.3	2.8
NNE	.5	.1										.6	3.4
NE	.6	.4	.3	.4								1.6	4.5
ENE	1.1	1.1	.3									2.5	3.8
E	6.1	5.2	1.9	.6								12.8	4.3
ESE	2.3	2.3	.8									5.3	4.3
SE	.9	.8	.4									2.0	4.5
SSE	.3	.6										.9	4.7
S	.4	.8	.8									1.9	5.9
SSW	1.1	1.3	1.3									3.7	5.1
SW	1.9	3.9	2.3	1.0	.1							9.2	6.4
WSW	2.0	1.5	2.3	1.0								6.8	6.6
W	1.0	2.8	5.2	1.8	.6	.1						9.5	4.7
WNW	.4	.3		.1								.8	5.2
NW	.4	.1										.5	3.0
NNW			.4									.4	9.3
VARBL	3.4	.5	2.4	.3								6.8	5.0
CALM												31.3	
	24.1	22.3	16.1	5.4	.8	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 790

66570

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAG

SURFACE WINDS

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

34074 SCHWAEBISCH HALL AAF DL 49-78 6CT
 STATION STATION NAME YEARS H. MTH
 ALL WEATHER 0900-1100
 CLASS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.5										1.5	2.7
NNE	.3	1.0	.1									1.4	4.9
NNE	.5	.8	.1									1.5	4.6
ENE	1.0	1.5	.4	.4								3.3	5.1
E	4.3	6.6	4.4	1.0								16.3	5.6
ESE	1.9	3.2	1.8	.1								5.0	5.3
SE	.8	.8	.9									2.5	4.3
SSE	.5	.5	.5									1.5	4.8
S	.3	.3	.1									.6	4.6
SSW	.9	1.3	.9	.1								3.2	5.7
SW	1.0	2.8	2.1	1.0	.1							7.1	7.0
WSW	.9	3.9	4.5	1.3								10.6	7.2
W	1.2	1.6	4.3	1.9	.4	.1						9.6	8.7
WNW	.5	1.0	.2	.3								2.0	5.9
NW	.8	.9	.9									1.5	4.1
NNW	1.1											1.1	2.3
VARBL	3.9	3.0	4.0	2.1								13.1	4.5
CALM												16.5	
	21.2	28.7	24.7	8.2	.5	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHWABRISCH HALL AAF DL YEARS 62-78 MONTH DC
 CLASS ALL WEATHER HOURS (L.S.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	1.9	1.1	.1									3.1	3.6
NNE	.8	.9		.1								1.8	4.5
NE	.8	1.0	.5									2.3	4.6
ENE	1.2	2.4	1.1									4.8	5.2
E	1.0	4.7	5.0	1.8								12.5	7.1
ESE	.5	2.6	2.5	.4								6.0	6.6
SE	.2	1.6	.8	.1								2.8	5.7
SSE	.1	1.0	.1									1.3	5.2
S	.1	.4	.4									.9	5.9
SSW	.8	.5	.4	.3								2.0	5.6
SW	.3	1.5	1.8	.1	.1							3.8	7.2
WSW	1.1	2.1	4.7	2.1	.8							10.8	8.7
W	.6	2.0	4.7	3.8	.3							11.3	9.5
WNW	1.1	2.5	1.8	.5								5.9	6.4
NW	.9	.8		.3								1.9	4.7
NNW	1.1	.9	.1									2.1	5.7
VARBL	4.2	4.0	6.0	1.9	.1	.3						16.5	6.9
CALM												10.2	
	16.8	30.2	30.0	11.3	1.3	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 794

A6572

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHWAEBISCH HALL AAF DL YEARS 66-78 MONTH OCT
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION

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	2.0	2.1	.2									4.4	3.9
NNE	.6	2.1	.6									3.4	5.0
NE	.6	1.6	.5	.1								2.9	5.0
ENE	2.1	3.2	1.9	.1								7.3	5.2
E	.9	7.1	6.4	.8	.1							15.3	6.5
ESE	.3	2.3	1.5	.1								4.2	6.2
SE	.1	.5	.1									.8	5.2
SSE	.1	.9										1.0	4.3
S		.5										.7	4.5
SSW	.3	1.4	.4									2.0	5.3
SW	.5	1.9	.8									3.3	5.3
WSW	.8	2.0	2.7	1.6	.3							7.3	5.3
W	1.1	4.5	3.4	2.7	.3	.5	.1					15.7	6.7
WNW	1.1	3.0	2.0	1.0								7.2	6.4
NW	1.3	1.0	.1									2.4	3.4
NNW	1.1	1.1	.1									2.4	3.8
VARBL	2.9	3.8	2.3	1.1	.1							10.7	6.0
CALM												9.7	
	16.0	39.1	26.1	7.5	.0	.5	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

34074 SCHWAEBISCH HALL AAF DL 68-78 OCT
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	.8									2.6	4.9
NNE	1.0	1.3	.1									2.5	3.9
NE	.9	2.0	.6									3.5	4.6
ENE	2.6	1.2	.7	.3								4.8	4.3
E	3.9	6.5	2.9	.1								13.4	5.0
ESE	1.3	2.6	1.0									4.9	5.1
SE	.3	1.0	.4									1.7	4.8
SSE	.1	.1	.1									.4	5.3
S	.1	.3	.1									.9	4.5
SSW	.3	.9	.4									1.9	4.9
SW	2.2	2.0	1.0	.2								5.5	4.9
WSW	1.4	3.3	4.2	1.3	.6							10.8	7.4
W	1.6	3.8	1.9	2.0	.4							9.7	7.5
WNW	1.0	1.3	.7	.1	.1							3.3	5.6
NW	.7											.7	2.2
NNW	.4	.7										1.2	3.8
VARBL	3.8	1.7	.6	.9		.1						7.1	5.0
CALM												25.1	
	23.8	30.1	15.5	5.1	1.2	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 492

A6574

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHWAEBISCH HALL AAF DL YEARS 76, 75, 77-78 MONTH ECT
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

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	3.6											3.6	3.0
NNE		4.5	1.8									6.3	5.4
NE		.9										.9	4.0
ENE	1.8	1.8	.9	.9								5.4	5.5
E	3.6	1.8	2.7	.9								9.0	5.6
ESE	2.7	.9										3.6	2.8
SE	.9		.9									1.8	5.5
SSE													
S		.9										.9	4.0
SSW	.9		.9									1.8	5.5
SW	3.6	4.5	1.8									9.9	4.8
WSW	1.8		3.6	2.7								8.1	9.0
W	.9	2.7	5.4	1.8								10.8	8.8
WNW			.9									.9	8.0
NW													
NNW													
VARBL	1.8	3.6	1.8	1.8								9.0	6.3
CALM												27.9	
	21.6	21.6	20.7	8.1								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 111

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 34074 STATION NAME: SCHWAEBISCH HALL AAF DL YEARS: 66-78 MONTH: ECT

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

CONDITION: _____

66576

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.0	.2									2.7	3.6
NNE	.6	1.1	.2	.0								2.0	4.6
NE	.7	1.1	.4	.1								2.2	4.9
ENE	1.6	1.9	.9	.2								4.4	4.9
E	3.2	6.1	4.0	.9	.0							14.2	5.8
ESE	1.2	2.6	1.5	.1								5.4	5.5
SE	.5	.9	.5	.0								1.9	5.2
SSE	.2	.6	.1									1.0	4.8
S	.2	.5	.3									1.0	5.4
SSW	.7	1.3	.8	.1								2.9	5.5
SW	1.2	2.6	1.6	.5	.1							6.0	6.2
WSW	1.2	2.5	3.7	1.6	.3							9.2	7.8
W	1.1	2.9	4.2	2.4	.4	.2	.0					11.1	6.7
WNW	.8	1.5	.9	.4	.0							3.7	6.2
NW	.8	.4	.1	.0								1.3	3.7
NNW	.7	.5	.1									1.4	3.9
VARBL	3.7	2.7	3.1	1.3	.0	.1						10.9	6.1
CALM												18.7	
	19.9	30.1	22.6	7.6	.9	.2	.0					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 4098

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34074 STATION SCHWAERISCH HALL AAF DL STATION NAME 69 YEARS 807 MONTH

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

CONDITION

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													
NNE													
NE		3.3										3.3	4.0
ENE	1.7											1.7	2.0
E													
ESE		3.3										3.3	4.0
SSE		1.7										1.7	2.0
S			1.7	1.7								3.3	4.0
SSW		10.0	1.7									11.7	14.1
SW			3.3									3.3	4.0
WSW		3.3	10.0	5.0	5.0							21.7	10.5
W	1.7	1.7		3.3	5.0							11.7	12.9
WNW	3.3		3.3	5.0	3.3							15.0	12.2
NW			1.7									1.7	2.0
NNW		1.7	5.0	1.7								8.3	9.4
VARBL	1.7											1.7	2.0
CALM												11.7	
	8.3	25.0	26.7	16.7	11.7							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 60

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHWABEISCH HALL AAF DL YEAR 48-78 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 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	.4	.5										.9	3.9
NNE	.8	.8	.1									1.8	3.8
NE	.3	.3	.1	.5								1.2	3.3
ENE	1.2	2.0	.3	.3								3.8	4.8
E	3.0	2.7	.9	.5								7.2	4.8
ESE	1.9	3.1	1.5	.4								6.9	5.3
SE	.5	.5	.4	.9								1.8	5.8
SSE		.4	.3									.7	7.0
S	.4	1.2	1.5	.1								3.2	6.9
SSW	1.2	1.9	2.3	.1								5.5	6.2
SW	1.8	3.7	3.7	2.3	.1							11.5	7.4
WSW	1.5	3.0	4.7	3.0	.5	.1						12.9	8.8
W	.5	1.1	3.2	1.9	.5	.3						7.6	10.1
WNW	.3	.3	.8	.3								1.6	7.7
NW	.3	.3		.1								.7	6.3
NNW	.4	.4	.1	.1								1.1	5.6
VARBL	2.7	1.5	2.3	1.6	.5							8.5	7.6
CALM												23.1	
	17.2	23.7	22.3	11.5	1.8	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 739

A6578

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHWAERISCH HALL AAF DL YEARS 58-78 ADV NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 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	.8		.1									1.0	3.0
NNE		.4	.3	.4								1.1	9.4
NE	.4	1.0	.1	.1								1.6	5.3
ENE	.5	.7	.3	.3								1.8	5.8
E	3.8	4.4	2.3	.4	.3							11.2	5.1
ESE	1.6	3.1	.2	.1								5.6	4.9
SE	.8	1.0	.7	.5								3.0	4.3
SSE	.7	.4										1.1	3.3
S	.8	1.4	2.0	.7								4.9	7.3
SSW	.8	1.8	1.8	.1								4.5	6.2
SW	.7	2.7	3.8	2.3								9.3	8.4
WSW	.5	4.1	4.2	2.3	.5							12.0	8.6
W	.4	1.6	4.2	2.5	.3	.3						9.3	9.6
WNW	.2	.5	.4	1.1								2.3	9.1
NW	.5		.1	.3								1.0	6.3
NNW	.4	.4	.3									1.1	4.1
VARBL	3.1	3.0	4.1	1.5	.5	.3						12.6	7.3
CALM												16.4	
	16.3	25.5	25.7	13.0	1.6	.5						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 732

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34074
STATION

SCHAEFFERSON HALL AAF DL
STATION NAME

69-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	.7		.1								2.3	5.8
NNE	.7	.5	.5	.3								2.0	6.3
NE	.5	.5	.5	.1								1.8	5.5
ENE	.8	1.0	.5	.1	.5							3.0	7.5
E	2.7	4.6	2.7	.3								10.4	5.3
ESE	1.0	2.7	1.6	.4								5.7	6.1
SE	.4	.5	.7	.1								1.8	6.6
SSE	.1	1.0										1.1	4.4
S	.7	.5	2.2	.4								3.8	7.7
SSW	1.1	1.5	.7	.5								3.8	5.9
SW	1.0	2.7	2.9	1.4	.1	.4						8.5	8.2
WSW	.8	3.5	4.2	3.8	.7	.1						13.2	9.4
W	.5	1.5	6.1	3.0	.7							11.9	9.6
WNW	.4	1.2	1.2	1.1								4.0	8.0
NW	.8	.3	.3	.1								1.5	4.6
NNW	.8	1.8	.3									2.9	4.1
VARBL	1.9	3.5	5.9	1.8	1.1	.3						14.5	8.4
CALM												7.9	
	15.8	28.2	30.4	13.6	3.1	.8						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

733

A6580

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074 STATION SCHWABISCH HALL AAF DL 66-78 YEAR NOV MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

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	2.1	.7	.3	.1	.3							3.4	5.1
NNE	.3	.7	.4	.5								1.9	7.3
NE	1.1	1.4	.6									3.0	4.9
ENE	1.2	1.0	1.1	.7								4.0	6.6
E	1.7	3.3	3.0	.4								8.4	5.9
ESE	.7	1.8	1.5									4.0	5.6
SE	.7	1.1	.7									2.5	5.4
SSE	.1	.4	.7	.1								1.4	7.2
S	.8	1.4	1.4	.3	.1							4.0	6.9
SSW	.7	2.3	1.5	.4								5.0	6.4
SW	1.0	2.1	2.1	1.1	.8	.1						7.2	9.0
WSW	1.2	3.9	4.7	3.3	1.1							14.2	8.9
W	1.4	2.1	3.6	2.6	.7							10.3	8.8
WNW	1.4	1.7	1.1	.6								4.7	5.7
NW	1.0	1.0	.3									2.2	4.3
NNW	1.0	.7										1.7	3.3
VARR.	3.0	2.2	2.9	3.0	.7							11.8	6.0
CALM												10.5	
	19.3	27.5	25.7	13.2	3.7	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 727

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 34974 SCHNAEPISCH HALL AAF DL YEARS AS-73 MONTH ANY
 STATION NAME CLASS ALL WEATHER: 1800-2000
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.5	.3		.3	.3							2.4	6.1
NNE		.1	.6	.1								.9	8.2
NE	.4	.3	.6									1.3	5.5
ENE	1.8	1.0	.1	.1								3.1	4.0
E	2.2	3.0	2.8	.3								8.4	5.8
ESE	1.3	2.2	1.0									4.6	4.9
SE	.1	1.2	.4	.4								2.1	7.0
SSE	.2	.9	.4	.1								1.8	5.5
S	.4	1.3	.3	.3	.1							2.5	7.1
SSW	.6	1.3	1.6	.3								3.9	6.5
SW	.3	3.1	3.1	2.1	.3							9.0	8.9
WSW	1.0	4.2	5.1	3.4	.9							14.7	8.8
W	1.3	1.9	5.2	1.3	.7	.4						11.1	9.0
WNW	.5	.7	.4									1.8	5.1
NW		.4										.4	6.0
NNW	.4	1.0										1.5	7.8
VARB	1.8	1.8	1.9	3.6	.4	.1						9.7	8.9
CALM												20.5	
	14.4	25.0	24.0	12.6	2.8	.4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 667

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

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

SURFACE WINDS

34074 SORBAEDISCH HALL AAF IL 7175-78
STATION STATION NAME TIME

ALL WEATHER 2100-2300
CLAS HOUR CLAS.

LOCATION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	S	MEAN WIND SPEED
N	2.3											2.3	2.3
NNE	.8											.8	2.0
ENE		.8										.8	5.0
E	.5	5.5	3.1									9.6	5.8
ESE	1.6	3.9										5.5	4.8
SE	1.6	.8	.8	1.6								4.7	7.8
SSE													
S	.8	.8	.8									2.3	5.3
SSW	1.6	2.3	2.3									6.3	6.9
SW	.8	3.1	1.6			.5						6.3	8.8
WSW	2.3	5.5	1.6	2.3	.8							12.5	7.1
W	.8	.8	4.7	2.3								8.8	9.7
WNW		.8	1.6									2.3	7.8
NW	1.6											1.6	3.8
NNW													
VARI	1.6	7.0	3.1	2.3		.5						14.8	7.8
CALM												21.9	
	16.4	31.3	15.3	8.6	.8	1.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 128

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34074 SCHWABEISCH HALL AAF DL 68-78 NOV

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

ALL

HOURE (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	1.3	.4	.1	.1	.1							2.0	4.6
NNE	.3	.5	.4	.3								1.5	6.5
NE	.6	.7	.4	.2								1.8	5.7
ENE	1.1	1.1	.4	.3	.1							3.0	5.7
E	2.6	3.6	2.4	.4	.1							9.0	5.4
ESE	1.3	2.7	1.2	.2								5.4	5.3
SE	.6	.8	.6	.3								2.3	6.2
SSE	.2	.6	.3	.1								1.2	5.7
S	.6	1.3	1.5	.3	.1							3.8	7.1
SSW	.9	1.3	1.6	.3								4.6	6.3
SW	.9	2.9	3.2	1.3	.3	.1						9.2	8.4
WSW	1.1	3.3	4.4	3.2	.8	.1						13.3	8.9
W	.9	1.6	4.5	2.3	.5	.2						10.0	9.4
WNW	.6	.9	.8	.6								2.9	7.1
NW	.6	.4	.2	.1								1.3	5.4
NNW	.6	.3	.1	.0								1.6	4.1
VARBL	2.5	2.5	3.4	2.7	.6	.2						11.4	8.0
CALM												15.8	
	16.5	26.4	25.3	12.7	2.7	.5						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3786

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074
STATION

SCHWABISCH HALL AAF DL
STATION NAME

1972
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.1		3.1									6.3	5.5
NNE		1.6	1.6	1.6								4.7	3.7
NE		1.6		3.1								4.7	12.7
ENE		3.1										3.1	5.5
E	4.7	12.5		3.1	3.1							23.4	7.5
ESE	1.6	6.3	6.3									14.1	6.4
SE			1.6									1.6	7.0
SSE		1.6										1.6	5.0
S		4.7										4.7	5.7
SSW		4.7										4.7	5.0
SW	1.6											1.6	2.0
WSW	1.6											1.6	2.0
W		1.6	3.1	1.6	1.6							7.8	10.2
WNW		1.6										1.6	6.0
NW			3.1									3.1	7.0
NNW													
VARBL	4.7											4.7	2.0
CALM												10.9	
	17.2	39.1	18.6	9.4	4.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

64

A6588

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34074 STATION SCHWAEBISCH HALL AAF DL STATION NAME 58-78 YEARS DEC MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.3	.8									1.6	5.8
NNE	.7	.3	.1	.1								1.2	4.9
NE	.4	1.3	1.1	1.2	.1							4.2	4.7
ENE	.8	1.5	.5	.1								2.9	5.3
E	4.6	7.4	3.6	1.6								17.2	5.7
ESE	.8	3.7	2.0	.1								6.6	5.6
SE	.3	1.1	1.1									2.6	5.9
SSE	.3	.5	.3									1.1	5.5
S	.1	.8	.4									1.3	5.6
SSW	.4	2.4	1.7	.4								4.9	6.6
SW	.9	2.8	1.3	.8								5.8	6.6
WSW	1.2	4.0	2.9	1.5	.3							9.8	7.7
W	.8	2.1	2.4	2.5	.8	.3						8.9	9.9
WNW	.1	.3	.3	.3								.9	8.6
NW		.5										.5	5.5
NNW	.7	.5										1.2	3.4
VARBL	1.9	.5	1.2	2.4	.1							5.1	8.2
CALM												23.0	
	14.7	29.9	19.6	11.1	1.3	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 755

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34074 STATION SCHWAEBISCH HALL AAF DL 68-78 YEARS DEC MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.7	.3									1.3	4.1
NNE	.2	.3	.5									1.3	7.6
NE	.3	1.3	.8	.5								2.9	7.2
ENE	.7	1.7	1.5	.3								4.1	6.8
E	4.7	8.5	4.1	2.0								19.4	5.7
ESE	.8	3.2	2.7	.4								7.1	6.5
SE	.7	.8	.7									2.1	5.6
SSE	.5	.3	.4									1.2	4.8
S	.5	2.0	.1	.1								2.8	4.8
SSW	.7	1.3	1.1									3.1	5.5
SW	1.2	1.6	2.1	1.9	.1							6.9	7.9
WSW	.7	2.9	2.1	1.6	.1	.1						7.6	8.2
W	1.1	1.6	2.9	2.5	.3	.1						8.5	9.2
WNW	.3	.3	1.1	.1								1.7	7.8
NW	.3											.3	2.5
NNW	.5	.3										.8	3.7
VARBL	1.9	.7	1.1	2.3	.5	.1						6.5	8.0
CALM												22.2	
	15.4	27.8	21.5	12.0	1.1	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 749

A6528

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 34074 STATION NAME SCHWABEISCH HALL AAF DL YEARS 58-78 MONTH DEC
 CLASS ALL WEATHER MONTHS (L.S.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	.3	.4										.7	3.6
NNE		.4	.1	.3								.8	3.5
NE	.5	1.6	1.1	1.1								4.3	7.3
ENE	.1	2.4	.8	.4								3.8	5.7
E	3.5	7.2	7.3	1.9								19.9	6.4
ESE	.9	2.8	1.9	.1								5.8	5.9
SE	.2	.8	.4									1.5	5.4
SSE	.4	.4	.3	.1								1.2	6.0
S	.8	1.5	.7	.3								3.5	5.7
SSW	.8	1.4	.7									2.8	5.1
SW	.4	3.0	2.3	.9	.1							6.8	7.4
WSW	1.8	3.7	2.8	1.4	.4	.3						10.3	7.6
W	.4	2.2	3.3	2.8	.4	.3						9.4	9.7
WNW	.5	1.2	1.4	.5	.1							3.8	7.8
NW	.3	.5	.1									.9	4.1
NNW	.3	1.1	.1									2.0	3.7
VARBL	3.0	1.8	1.6	2.2	.9	.3						9.6	8.5
CALM												12.6	
	14.9	32.7	25.0	12.1	1.9	.8						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 737

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

34074 SCHWABERISCH HALL AAF DL 58-78 DEC
STATION STATION NAME YEAR 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	.5	.4	.1									1.1	3.9
NNE	.1	1.4	.3	.7								2.4	7.2
NE	.3	1.5	.7	.7								3.2	7.3
ENE	.9	2.2	1.4	.3								4.7	5.8
E	2.6	8.8	7.0	1.1								19.7	6.2
ESE	.7	1.9	2.6	.1								5.3	6.6
SE	.5	1.1	.7									2.3	5.1
SSE	.1	.3	.7									1.6	5.9
S	.1	.4		.1								.7	5.4
SSW	.9	1.1	.5	.1								2.7	5.6
SW	.3	3.0	1.4	.5								5.8	4.0
WSW	.9	2.6	3.4	1.9	.4	.1						9.3	8.8
W	1.6	4.1	2.3	3.1	.3	.3						11.6	8.4
WNW	.7	1.2	.9	.3								3.1	6.1
NW	.5	1.1	.1	.1	.1							2.0	5.3
NNW	.7	.3	.3	.1								1.6	5.2
VARBL	2.8	1.4	1.2	2.2	.7	.4						8.6	8.7
CALM												14.1	
	15.4	33.4	23.5	11.4	1.5	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 740

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

34074 STATION SCHWAERISCHE HALL AFB DL 88-78 YEARS DEC MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

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		.2	.5									.7	7.0
NNE	.5	.7	1.4	.2								2.9	6.9
NE	.7	.7	1.3	.5								3.2	7.4
ENE	1.8	2.0	1.6	.7								6.1	5.8
E	2.7	6.3	5.0	1.4								15.5	6.2
ESE	.9	2.3	1.3	.4								4.9	6.1
SE	.7	1.6	.2									2.5	4.5
SSE	.2	.7	.9									1.8	6.5
S	.2	1.1	.7									2.0	5.9
SSW	.7	1.6	1.3									3.6	5.7
SW	1.1	3.4	1.4	.7								6.7	6.2
WSW	1.4	2.9	2.2	1.3	.2							7.9	7.2
W	1.2	2.5	1.8	1.6	.4	.2						7.7	8.1
WNW	.2	1.6	.5	.7								3.1	7.2
NW		.2	.2	.2	.4							.9	13.0
NNW		.4	.2	.2								.7	8.0
VARBL	2.7	2.0	1.1	3.2	.2	.4						9.5	8.4
CALM												20.2	
	15.1	30.3	21.6	11.2	1.1	.5						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 555

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34074 STATION SCHWAEBISCH HALL AAF DL STATION NAME 7-76-78 YEARS DEC MONTH 2100-2300 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													
NNE			1.9									1.9	10.0
NE	1.0	1.0										1.9	2.5
ENE	1.9	1.0	3.8									6.7	6.0
E	4.8	5.6	3.8	3.8	1.0							19.2	6.9
ESE		1.9	1.9	1.0								4.8	7.0
SE	1.9											1.9	2.5
SSE													
S			1.0									1.0	2.5
SSW		5.6	2.9									8.7	6.0
SW		2.9	1.0	2.9								6.7	9.1
WSW	1.0	2.9	2.9	1.9								8.7	7.8
W	1.0	1.0	1.0	1.0								3.8	7.8
WNW			1.0	1.0								1.9	10.5
NW			1.9									1.9	10.0
NNW		1.0										1.0	3.0
VARBL	1.0	1.9		1.9								4.8	6.8
CALM												25.0	
	12.5	25.0	23.1	13.5	1.0							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 104

86592

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 24074 STATION NAME SCHAEFER HALL AAF IL YEARS 60-78 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.4	.4									1.2	4.9
NNE	.3	.6	.5	.3								1.7	7.2
NE	.4	1.3	.9	.9	.0							3.6	7.7
ENE	.8	1.9	1.2	.3								4.2	6.1
E	3.8	7.7	5.3	1.7	.1							18.6	6.1
ESE	.8	2.9	2.2	.2								6.1	6.2
SE	.6	1.0	.6									2.2	5.3
SSE	.3	.5	.5	.0								1.3	5.8
S	.4	1.2	.4	.1								2.1	5.5
SSW	.7	1.7	1.1	.1								3.6	5.8
SW	.9	2.7	1.7	1.0	.1							6.3	7.0
WSW	1.2	3.2	2.7	1.5	.3	.1						8.9	7.9
W	1.0	2.4	2.5	2.5	.4	.2						9.1	9.1
WNW	.4	.9	.8	.4	.0							2.5	7.3
NW	.2	.5	.2	.1	.1							1.0	6.4
NNW	.5	.6	.1	.1								1.3	6.4
VARBL	2.4	1.2	1.2	2.3	.5	.2						7.9	8.4
CALM												18.4	
	15.1	30.7	22.2	11.6	1.4	.5						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 3705

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/NAF

SURFACE WINDS

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

34074 SCHAEFISCH HALL AAF DL 60-79 ALL
STATION STATION NAME YEARS NORTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.2	.6	.1	.0							3.2	4.7
NNE	.7	1.1	.8	.2	.0	.0						2.9	5.9
NE	.7	1.3	1.0	.3	.0							3.2	6.2
ENE	1.1	1.7	1.1	.4	.0							4.4	6.0
E	2.5	4.2	3.4	.9	.1							11.2	6.1
ESE	.8	1.9	1.4	.3	.0	.0						4.4	6.1
SE	.6	.6	.4	.1	.0	.0						1.5	5.5
SSE	.2	.4	.3	.0	.0	.0						.9	5.4
S	.6	.8	.5	.1	.0							1.8	5.9
SSW	.6	1.4	1.0	.2	.0	.0						3.2	6.1
SW	.9	2.2	2.0	.8	.1	.0	.0					6.1	7.3
WSW	1.1	2.6	3.2	1.9	.4	.1	.0	.0				9.3	8.5
W	1.0	2.5	4.0	2.3	.5	.2	.0	.0				10.6	9.0
WNW	.9	1.8	1.6	.7	.1	.0	.0					5.1	7.1
NW	.7	.9	.6	.2	.0							2.5	5.8
NNW	1.1	1.3	.5	.1	.0							2.9	6.8
VARBL	3.0	2.5	2.9	1.2	.2	.1						10.1	6.6
CALM												16.9	
	17.3	26.4	25.5	10.1	1.5	.3	.0	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 47085

86584

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

34074
 STATION

SCHAEFER HALL AAF 34
 STATION NAME

68-79
 YEARS

ALL
 MONTH

INSTRUMENT

ALL

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	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	.9	.2	.0							3.5	5.4
NNE	.6	1.0	.7	.2	.0							2.6	6.1
NE	.6	1.3	.9	.2								3.1	6.1
ENE	.9	1.5	.6	.1								3.2	5.1
E	2.5	4.2	3.6	.8	.0							11.1	6.0
ESE	.5	2.6	1.6	.3								5.5	6.2
SE	.4	.9	.6	.0								1.9	5.5
SSE	.2	.4	.2									.8	5.1
S	.2	.5	.3	.1								1.2	5.5
SSW	.5	1.0	.5	.1	.0							2.1	5.4
SW	1.0	2.0	1.6	.7	.1							5.5	6.9
WSW	1.1	2.9	2.8	2.1	.5	.1						10.3	8.5
W	1.1	3.4	5.1	2.9	.7	.2	.0					13.4	9.0
WNW	.9	2.0	1.6	.8	.1	.6						5.4	7.1
NW	.8	.5	.3	.1	.0							2.3	5.5
NNW	1.0	1.2	.4	.1	.0							2.7	4.9
VARBL	2.7	1.2	1.4	1.1	.2	.0						6.6	6.3
CALM												18.9	
	16.8	28.1	24.2	9.9	1.7	.3	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 10623

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.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
Y 1800																
Y 1500					91.0											92.6
N 1200																
N 1600																
Y 900																
N 800																
N 700																
N 600																
N 500										97.4						98.1
N 400																
N 300																
N 200																
N 100																
N 0					97.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

The value 91.0 read from the table at the intersection of ≥ 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/WAC

CEILING VERSUS VISIBILITY

34074 SCHWABEISCH HALL AAF JL

73-71,73

JA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

030-0500
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0
NO CEILING		3.4	3.4	3.4	5.1	5.1	1.2	13.6	13.6	15.3	15.3	15.3	15.3	15.3	15.3	15.6
IV 20000		3.4	3.4	3.4	5.1	5.1	1.2	13.6	16.9	18.6	18.6	15.3	16.9	17.5	16.9	22.1
IV 18000		5.1	5.1	5.1	6.8	4.9	11.9	15.3	18.6	20.3	20.3	20.3	20.3	20.3	20.3	23.7
IV 16000		5.1	5.1	5.1	6.8	4.9	11.9	15.3	18.6	20.3	20.3	20.3	20.3	20.3	20.3	23.7
IV 14000		5.1	5.1	5.1	6.8	4.9	11.9	15.3	18.6	20.3	20.3	20.3	20.3	20.3	20.3	23.7
IV 12000		5.1	6.8	6.8	8.5	3.5	1.6	16.9	20.3	22.0	22.0	22.0	22.0	22.0	22.0	25.4
IV 10000		5.1	6.8	6.8	8.5	3.5	1.6	16.9	20.3	22.0	22.0	22.0	22.0	22.0	22.0	25.4
IV 9000		5.1	8.5	8.5	10.2	10.2	15.3	13.6	22.0	23.7	23.7	23.7	23.7	23.7	23.7	27.1
IV 8000		10.2	11.9	11.9	13.6	13.6	1.6	22.0	23.4	27.1	28.8	28.8	28.8	28.8	28.8	32.2
IV 7000		10.2	11.9	11.9	13.6	13.6	1.6	22.0	25.4	27.1	28.8	28.8	28.8	28.8	28.8	32.2
IV 6000		10.2	13.6	13.6	15.3	15.3	2.3	23.7	27.1	28.8	30.5	30.5	30.5	30.5	30.5	33.9
IV 5000		13.6	16.9	16.9	15.6	19.6	23.7	27.1	30.5	32.2	33.9	33.9	33.9	33.9	33.9	37.3
IV 4500		15.3	18.6	18.6	20.3	20.3	23.4	28.8	32.2	33.9	35.6	35.6	35.6	35.6	35.6	39.3
IV 4000		15.3	23.7	23.7	25.4	25.4	3.5	33.9	37.3	39.0	40.7	40.7	40.7	40.7	40.7	44.1
IV 3500		16.9	23.7	23.7	25.4	25.4	2.5	33.9	37.3	39.0	40.7	40.7	40.7	40.7	40.7	44.1
IV 3000		16.9	23.7	27.1	28.8	27.8	4.7	44.1	47.5	49.2	50.9	50.9	50.9	50.9	50.9	54.2
IV 2500		16.9	23.7	27.1	28.8	28.8	4.7	45.8	49.2	50.9	52.5	52.5	52.5	52.5	52.5	55.9
IV 2000		16.9	23.7	27.1	28.8	32.2	4.7	45.8	52.5	55.9	57.6	59.3	59.3	59.3	59.3	62.7
IV 1800		16.9	23.7	27.1	28.8	32.2	4.7	45.8	54.2	57.6	59.3	61.0	61.0	61.0	61.0	64.4
IV 1500		16.9	23.7	27.1	28.8	32.2	4.7	45.8	54.2	57.6	59.3	61.0	61.0	61.0	61.0	64.4
IV 1200		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	61.0	62.7	64.4	64.4	64.4	64.4	67.8
IV 1000		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	61.0	62.7	64.4	64.4	64.4	64.4	67.8
IV 900		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	61.0	62.7	64.4	64.4	64.4	64.4	67.8
IV 800		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	61.0	66.1	67.8	67.8	67.8	67.8	71.2
IV 700		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	61.0	69.5	72.9	72.9	72.9	72.9	75.3
IV 600		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	64.4	76.3	81.4	81.4	81.4	81.4	84.7
IV 500		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	69.5	84.7	89.8	89.8	89.8	89.8	93.2
IV 400		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	69.5	84.7	89.8	89.8	89.8	89.8	93.2
IV 300		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	69.5	84.7	89.8	89.8	89.8	89.8	93.2
IV 200		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	69.5	84.7	89.8	89.8	89.8	89.8	93.2
IV 100		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	69.5	84.7	89.8	89.8	89.8	89.8	93.2
- C		16.9	23.7	28.8	30.5	33.9	4.7	47.5	55.9	69.5	84.7	89.8	89.8	89.8	89.8	100.0

TOTAL NUMBER OF OBSERVATIONS

59

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34074 SCHAEFERISCH HALL AAF DL

7-79

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0606-3200
MCS-17

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2	
NO CEILING		5.0	5.0	7.1	11.1	11.1	12.1	15.7	16.4	17.6	16.4	18.4	18.4	18.0	19.0	19.3	18.0
≥ 20000		6.5	7.3	9.1	13.1	13.2	14.6	18.4	19.6	21.0	21.0	21.9	21.9	22.3	22.9	23.3	
IV 18000		5.7	7.4	9.2	13.2	13.3	14.3	18.6	19.7	21.1	21.9	21.9	22.0	22.4	23.0	23.4	
IV 16000		5.7	7.4	9.2	13.2	13.3	14.3	18.6	19.7	21.1	21.9	21.9	22.0	22.4	23.0	23.4	
IV 14000		5.7	7.4	9.2	13.2	13.3	14.3	18.6	19.7	21.1	21.9	21.9	22.0	22.4	23.0	23.4	
IV 12000		5.8	7.6	9.3	13.3	13.4	14.9	18.7	19.8	21.3	22.1	22.0	22.2	22.5	23.2	23.5	
IV 10000		7.7	8.3	10.4	14.5	14.6	14.1	19.8	21.1	22.6	23.0	23.6	23.7	24.1	24.7	25.1	
IV 9000		8.7	9.5	11.4	15.5	15.7	15.2	21.0	22.3	24.2	25.1	25.0	25.0	25.1	25.5	26.1	24.5
IV 8000		11.5	12.8	14.9	19.2	19.3	22.9	24.8	26.1	28.2	28.9	28.9	29.2	29.6	30.2	30.6	
IV 7000		12.7	13.6	15.9	20.0	20.7	25.0	27.0	28.6	30.7	31.5	31.6	32.1	32.5	33.3	33.8	
IV 6000		13.3	14.3	16.9	21.0	21.5	26.4	28.4	30.0	32.1	32.9	33.0	33.9	33.9	34.7	35.2	
IV 5000		14.6	15.6	18.3	23.2	23.4	28.6	30.9	32.4	34.6	35.3	35.5	36.0	36.4	37.1	37.6	
IV 4500		15.3	16.0	19.3	24.3	24.8	30.0	32.4	33.9	36.1	36.9	37.0	37.5	37.9	38.7	39.2	
IV 4000		17.3	18.4	21.5	27.1	27.4	33.5	36.1	37.8	39.9	40.7	40.8	41.4	41.7	42.5	42.0	
IV 3500		20.8	22.7	25.7	32.1	32.5	39.3	41.9	43.7	46.0	46.7	46.9	47.4	47.9	48.7	49.2	
IV 3000		23.8	25.7	29.2	36.6	37.0	44.2	46.7	48.6	51.1	51.9	52.0	52.5	53.0	53.9	54.3	
IV 2500		25.1	27.0	30.5	38.4	38.6	46.2	49.2	51.3	53.6	54.4	54.5	55.1	55.6	56.3	56.9	
IV 2000		27.7	29.8	33.7	42.3	42.9	51.1	54.2	56.3	58.6	59.4	59.5	60.1	60.6	61.3	62.0	
IV 1800		28.2	30.3	34.3	43.0	43.3	52.2	55.4	57.9	60.2	60.9	61.1	61.6	62.2	63.0	63.6	
IV 1500		30.5	33.0	36.9	45.8	47.2	55.0	59.5	62.0	64.7	65.6	65.7	66.2	66.8	67.6	68.2	
IV 1200		32.7	35.2	39.2	48.4	50.2	57.3	63.1	65.7	68.9	69.8	69.9	70.4	71.1	71.8	72.5	
IV 1000		33.9	36.5	40.5	51.1	53.0	62.6	67.5	70.4	73.9	74.8	74.9	75.0	75.5	76.2	77.0	77.7
IV 900		34.0	37.3	41.5	52.3	54.7	63.3	70.3	73.2	76.8	77.6	78.0	78.3	79.1	79.9	80.7	
IV 800		35.0	37.6	41.9	53.3	55.3	67.2	72.7	75.7	79.8	80.6	80.9	81.4	82.1	82.9	83.6	
IV 700		35.2	37.7	42.3	54.3	56.6	68.8	75.9	79.0	83.1	84.1	84.3	84.6	85.4	86.2	86.9	
IV 600		35.3	38.2	42.5	55.7	57.9	71.4	78.4	81.8	86.6	87.3	88.0	88.5	89.1	89.9	90.7	
IV 500		35.6	38.4	42.8	56.0	58.1	72.2	79.8	83.6	89.2	90.7	90.9	91.4	92.1	92.8	93.6	
IV 400		35.7	38.5	42.9	56.3	58.5	72.7	80.4	85.1	91.2	92.6	92.8	93.3	94.2	95.0	95.8	
IV 300		35.7	38.5	42.9	56.3	58.5	72.7	80.4	85.4	91.7	93.1	93.3	94.1	95.3	96.5	97.8	
IV 200		35.7	38.5	42.9	56.3	58.5	72.7	80.5	85.5	91.8	93.3	93.7	94.4	95.5	96.9	98.5	
IV 100		35.7	38.5	42.9	56.3	58.5	72.7	80.5	85.5	91.8	93.3	93.7	94.4	95.5	97.1	99.6	
IV 0		35.7	38.5	42.9	56.3	58.5	72.7	80.5	85.5	91.9	93.5	93.9	94.5	95.6	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS

751

GLOBAL CLIMATE DATA CENTER
 USAF ETAC
 AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

34074 SCHAEFERSHALL AFB IL

2-72

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

9900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING ≥ 20000	12.1	12.6	13.9	17.1	17.6	21.3	23.6	24.3	25.7	26.2	26.6	26.8	26.8	26.8	26.8	26.9	27.2
≥ 18000 IV 16000	12.1	12.6	13.9	17.1	18.6	21.3	23.6	24.3	25.7	26.2	26.6	26.8	26.8	26.8	26.8	26.9	27.2
IV 14000 IV 12000	12.2	12.7	14.1	18.1	18.8	21.6	24.0	24.7	25.0	26.6	26.9	27.2	27.2	27.2	27.3	27.3	27.4
IV 10000 IV 9000	14.0	14.3	16.7	20.1	21.1	24.4	27.1	27.8	29.4	29.9	30.4	30.7	30.7	30.7	30.9	31.1	31.1
IV 8000 IV 7000	18.2	18.7	20.2	24.3	25.3	29.4	32.1	33.0	34.7	35.2	35.7	36.1	36.1	36.1	36.2	36.6	36.6
IV 6000 IV 5000	19.7	20.3	22.7	26.3	27.3	32.0	34.9	35.8	37.5	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4
IV 4500 IV 4000	22.0	22.9	24.5	29.5	30.5	35.7	38.9	40.0	41.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
IV 3500 IV 3000	25.3	26.3	28.3	33.3	34.3	40.3	44.1	45.5	47.3	47.8	48.4	48.9	49.2	49.2	49.2	49.2	49.2
IV 2500 IV 2000	28.8	29.9	31.9	38.5	39.5	46.0	49.7	51.5	53.4	53.9	54.5	55.0	55.2	55.2	55.2	55.2	55.2
IV 1800 IV 1500	31.9	33.5	35.7	42.8	44.0	51.2	55.3	57.2	59.1	59.6	60.2	60.7	61.0	61.0	61.0	61.0	61.0
IV 1200 IV 1000	35.7	38.8	40.9	50.1	51.8	59.0	63.9	66.1	68.3	68.9	69.4	70.0	70.5	70.5	70.5	70.5	70.5
IV 900 IV 800	39.5	41.2	43.3	54.4	56.0	63.4	70.5	73.1	76.0	76.9	77.5	78.0	78.3	78.3	78.3	78.3	78.3
IV 700 IV 600	39.5	42.4	44.9	57.7	60.0	71.7	77.5	80.2	83.6	84.3	85.1	85.6	85.9	85.9	85.9	85.9	85.9
IV 500 IV 400	39.5	42.7	45.1	59.7	62.1	74.5	83.0	85.9	90.7	92.2	93.3	93.8	94.0	94.0	94.0	94.0	94.0
IV 300 IV 200	39.5	42.7	45.1	59.7	62.1	74.6	83.6	86.9	91.9	92.5	93.5	94.5	95.0	95.4	95.4	95.4	95.4
IV 100 IV 0	39.5	42.7	45.1	59.7	62.1	74.6	83.6	86.9	92.0	93.8	94.9	95.4	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS

787

GLOBAL CLIMATE TELETYPE PROGRAM
 USAF ETAC
 AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

34074 SCHWAEPISCH HALL AAF JL

8-74

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥¾	≥½	≥½	≥0.5	≥0
NO CEILING	10.7	10.7	11.7	17.4	17.0	19.0	20.3	20.4	20.0	20.8	20.8	20.9	20.9	20.9	20.9	20.9
≥ 20000	15.5	16.1	17.1	23.4	23.9	26.3	27.5	28.2	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9
≥ 15000	15.6	16.2	17.3	23.9	24.4	26.8	28.0	28.7	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4
≥ 12000	16.0	16.6	17.5	24.2	24.7	27.2	28.4	29.1	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8
≥ 10000	18.3	19.4	20.7	26.2	26.7	31.0	32.7	33.4	34.0	34.0	34.3	34.3	34.3	34.3	34.3	34.3
≥ 9000	19.9	20.9	22.2	29.9	30.5	35.2	34.5	35.7	36.3	36.3	36.8	36.8	36.8	36.8	36.8	36.8
≥ 8000	23.6	24.7	26.3	34.1	34.6	37.0	39.5	40.2	41.0	41.0	41.5	41.6	41.6	41.6	41.6	41.6
≥ 7000	24.9	26.0	27.3	35.5	36.0	39.6	41.5	42.5	43.7	43.7	44.2	44.3	44.3	44.3	44.3	44.3
≥ 6000	25.0	26.1	27.4	35.7	36.2	39.7	41.6	42.6	43.8	43.8	44.3	44.4	44.4	44.4	44.4	44.4
≥ 5000	26.8	27.9	29.2	37.6	38.1	41.8	43.8	44.8	45.9	45.9	46.4	46.6	46.6	46.6	46.6	46.6
≥ 4500	27.5	28.7	29.9	38.7	39.2	42.9	44.9	45.9	47.1	47.1	47.6	47.7	47.7	47.7	47.7	47.7
≥ 4000	29.1	30.2	31.5	40.5	41.0	44.9	47.1	48.1	49.2	49.2	49.7	49.9	49.9	49.9	49.9	49.9
≥ 3500	31.7	31.9	33.1	42.5	43.0	47.2	49.4	50.5	51.6	51.6	52.2	52.3	52.3	52.3	52.3	52.3
≥ 3000	33.4	34.6	36.0	45.5	46.4	50.6	52.9	54.1	55.2	55.2	55.7	55.8	55.8	55.8	55.8	55.8
≥ 2500	35.0	35.8	38.3	48.7	49.5	53.7	56.1	57.2	58.4	58.4	58.9	59.0	59.0	59.0	59.0	59.0
≥ 2000	36.8	38.6	40.4	50.8	51.6	56.3	59.3	60.3	61.9	61.9	62.4	62.6	62.6	62.6	62.6	62.6
≥ 1800	37.6	39.3	41.1	51.5	52.5	57.4	60.3	61.8	62.9	62.9	63.5	63.6	63.6	63.6	63.6	63.6
≥ 1500	40.6	42.6	44.4	56.0	56.9	61.6	64.8	66.6	67.9	67.9	68.4	68.5	68.5	68.5	68.5	68.5
≥ 1200	42.4	44.7	46.6	59.0	60.0	65.7	69.7	71.6	73.0	73.0	73.5	73.6	73.6	73.6	73.6	73.6
≥ 1000	44.0	47.6	49.5	63.5	65.0	71.1	75.4	77.3	79.3	79.3	79.9	80.1	80.1	80.1	80.1	80.1
≥ 900	45.3	48.1	50.4	65.7	67.5	73.7	78.0	79.9	82.0	82.1	82.6	82.7	82.7	82.7	82.7	82.7
≥ 800	46.1	49.1	51.8	68.4	70.6	77.5	82.1	84.1	86.3	86.4	86.9	87.1	87.1	87.1	87.1	87.1
≥ 700	47.3	50.4	53.4	70.5	73.2	80.0	85.7	87.7	89.8	89.8	90.6	90.7	90.7	90.7	90.7	90.7
≥ 600	47.3	50.4	53.7	71.6	73.9	81.5	87.1	89.2	91.6	91.6	92.4	92.5	92.5	92.5	92.5	92.5
≥ 500	47.3	50.4	53.7	72.2	74.6	82.2	89.2	91.9	94.8	95.2	95.8	95.9	95.9	95.9	95.9	95.9
≥ 400	47.3	50.4	53.9	72.2	74.6	83.4	89.5	92.4	95.6	95.9	96.6	97.2	97.3	97.3	97.3	97.3
≥ 300	47.3	50.4	53.9	72.2	74.6	83.4	89.5	92.4	95.9	96.3	97.0	97.6	97.7	97.7	97.7	97.7
≥ 200	47.3	50.4	53.9	72.2	74.6	83.4	89.5	92.4	95.9	96.3	97.0	97.6	97.7	97.7	97.7	97.7
≥ 100	47.3	50.4	54.1	72.5	74.9	83.6	89.7	92.6	95.2	96.6	97.2	98.1	98.2	98.2	98.2	98.2
≥ 0	47.5	50.6	54.2	72.6	75.0	83.8	89.8	92.8	95.3	96.7	97.3	98.2	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS

788

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

34074 SCHWABERISCH HALL AAF DL

1979

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	15.3	11.6	12.6	17.2	17.2	19.0	19.7	19.7	20.4	20.5	20.5	20.6	20.6	20.6	20.6	20.6
IV 18000	15.4	16.9	18.3	23.8	23.9	26.2	27.4	27.5	28.4	28.5	28.5	28.7	28.7	28.7	28.7	28.7
IV 16000	15.4	16.9	18.3	23.8	23.9	26.2	27.4	27.5	28.4	28.5	28.5	28.7	28.7	28.7	28.7	28.7
IV 14000	15.9	17.5	18.8	24.3	24.5	26.8	27.9	28.0	28.9	29.0	29.1	29.2	29.2	29.2	29.4	29.6
IV 12000	17.5	19.0	20.4	26.0	26.1	28.4	29.6	29.9	31.0	31.1	31.1	31.2	31.3	31.3	31.6	31.7
IV 10000	18.6	20.1	21.7	27.4	27.5	29.9	31.5	31.6	32.7	32.9	32.9	33.0	33.0	33.1	33.4	33.5
IV 9000	20.4	22.2	23.7	29.4	29.6	32.0	33.5	33.6	34.8	34.9	34.9	35.0	35.0	35.2	35.4	35.5
IV 8000	22.7	24.7	26.2	32.7	33.1	35.8	37.7	37.8	39.0	39.1	39.1	39.2	39.4	39.4	39.6	39.7
IV 7000	24.3	26.4	27.9	34.6	35.2	38.2	40.1	40.3	41.4	41.5	41.5	41.7	41.8	42.0	42.2	42.2
IV 6000	24.8	26.9	28.4	35.4	35.6	38.9	40.9	41.1	42.3	42.4	42.4	42.5	42.7	42.7	42.9	43.1
IV 5000	26.2	28.3	29.8	36.9	37.3	40.5	42.5	42.6	43.9	44.1	44.1	44.2	44.3	44.3	44.6	44.7
IV 4500	28.0	30.1	31.5	38.7	39.2	42.5	44.7	45.0	46.2	46.4	46.4	46.5	46.6	46.6	46.9	47.0
IV 4000	29.3	31.7	33.2	40.5	41.0	44.6	46.8	47.0	48.2	48.4	48.4	48.5	48.7	48.7	48.9	49.0
IV 3500	31.3	33.8	35.3	42.6	43.4	47.0	49.2	49.4	50.7	50.8	50.8	51.0	51.1	51.1	51.3	51.5
IV 3000	34.9	37.6	39.1	46.6	47.3	51.0	53.5	53.8	55.0	55.2	55.2	55.3	55.4	55.7	55.8	55.8
IV 2500	36.9	39.7	41.3	49.2	49.9	53.9	56.4	56.7	58.0	58.1	58.1	58.2	58.3	58.3	58.6	58.7
IV 2000	38.9	41.7	43.5	51.7	52.4	56.3	59.5	59.7	61.0	61.1	61.1	61.3	61.4	61.7	61.8	61.8
IV 1800	39.6	42.8	44.7	53.0	53.6	57.6	60.8	61.0	62.3	62.4	62.4	62.5	62.7	62.7	62.9	63.1
IV 1500	43.4	46.9	48.9	57.7	58.5	62.7	66.0	66.2	67.6	67.8	67.8	67.9	68.0	68.3	68.4	68.4
IV 1200	45.4	48.9	51.5	61.8	62.8	67.6	71.8	72.1	73.5	73.6	73.6	73.8	73.9	74.1	74.3	74.3
IV 1000	47.6	51.6	54.1	66.3	67.4	73.4	77.6	78.0	79.9	80.2	80.3	80.4	80.5	80.5	80.9	80.9
IV 900	49.7	53.6	56.6	69.2	71.0	77.3	81.5	82.2	84.1	84.5	84.5	84.6	84.7	85.0	85.1	85.1
IV 800	50.3	54.4	57.5	71.2	73.0	79.9	84.1	85.1	87.0	87.4	87.4	87.6	87.8	88.0	88.2	88.2
IV 700	50.8	55.2	58.9	73.1	74.9	81.9	86.2	87.3	89.3	89.7	89.7	90.1	90.3	90.6	90.7	90.7
IV 600	50.8	55.3	59.5	74.5	76.1	83.3	88.3	89.4	91.6	92.1	92.2	92.7	93.0	93.2	93.4	93.4
IV 500	50.8	55.3	59.5	74.5	76.3	84.1	89.4	90.6	93.0	93.5	93.6	94.1	94.4	94.6	94.8	94.8
IV 400	50.8	55.3	59.5	74.5	76.3	84.2	90.1	91.3	94.1	95.0	95.3	96.2	96.6	96.8	96.9	96.9
IV 300	50.8	55.3	59.5	74.5	76.3	84.2	90.1	91.6	94.5	95.4	95.8	96.7	97.1	97.3	97.8	97.8
IV 200	50.8	55.3	59.5	74.5	76.3	84.2	90.1	91.6	94.5	95.5	95.9	96.6	97.6	97.8	99.0	99.0
IV 100	51.0	55.4	59.6	74.6	76.4	84.3	90.2	91.7	94.6	95.7	96.1	96.9	97.7	98.1	99.6	99.6
IV 0	51.0	55.4	59.6	74.6	76.4	84.3	90.2	91.7	94.6	95.7	96.1	96.9	97.7	98.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

785

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

34074 SCHWAERISCH HALL AAF DL

09-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥.16	≥.1	≥0
NO CEILING		7.6	8.5	10.0	14.4	15.2	17.3	18.8	20.1	21.0	21.0	21.1	21.6	21.5	21.6	21.6
≥ 20000		9.7	10.7	12.9	18.6	19.9	22.2	24.4	25.9	26.4	26.4	28.4	28.4	29.0	29.0	29.2
≥ 15000		7.7	11.2	13.4	17.0	20.5	22.8	25.0	27.5	29.0	29.0	29.2	29.6	29.6	29.6	29.6
≥ 12000		6.7	11.2	13.4	19.0	20.5	22.8	25.0	27.5	29.0	29.0	29.2	29.6	29.6	29.6	29.6
≥ 10000		5.7	11.2	13.4	19.0	20.5	22.8	25.0	27.5	29.0	29.0	29.2	29.6	29.6	29.6	29.6
≥ 9000		10.2	11.3	14.0	19.8	21.3	23.5	25.7	28.3	29.8	29.8	29.8	30.4	30.4	30.5	30.5
≥ 8000		11.2	12.6	15.2	21.0	22.5	24.7	27.2	29.8	31.4	31.4	31.5	32.0	32.0	32.1	32.1
≥ 7000		12.4	14.0	16.5	22.3	23.8	26.0	28.6	31.1	32.7	32.7	32.8	33.3	33.3	33.5	33.5
≥ 6000		15.3	17.1	20.2	25.2	27.7	30.2	33.2	35.7	37.6	37.6	37.8	38.2	38.2	38.4	38.4
≥ 5000		16.2	18.6	21.4	27.7	29.3	32.1	35.3	37.9	40.0	40.0	40.2	40.6	40.6	40.8	40.8
≥ 4500		16.2	18.6	21.4	27.7	29.3	32.1	35.3	37.9	40.0	40.0	40.2	40.6	40.6	40.8	40.8
≥ 4000		17.4	19.9	22.9	29.6	31.7	34.5	37.6	40.5	42.6	42.6	42.7	43.2	43.2	43.3	43.3
≥ 3500		18.5	21.1	24.1	30.0	32.9	36.2	39.7	42.6	44.6	44.6	44.8	45.2	45.2	45.4	45.4
≥ 3000		18.5	21.9	25.3	32.3	34.4	37.6	41.2	44.0	46.1	46.1	46.3	46.7	46.7	46.9	46.9
≥ 2500		21.5	25.3	28.7	35.7	37.8	41.1	44.6	47.5	49.6	49.6	49.7	50.1	50.1	50.3	50.3
≥ 2000		24.0	27.4	31.0	38.2	40.6	44.0	48.2	51.0	53.1	53.1	53.3	53.7	53.7	53.9	53.9
≥ 1800		25.5	29.7	33.8	41.4	43.8	47.5	51.6	54.5	56.5	56.5	56.8	57.3	57.3	57.4	57.4
≥ 1500		28.6	32.1	36.0	43.8	46.1	50.6	54.9	57.7	59.8	60.0	60.1	60.9	60.9	61.0	61.0
≥ 1200		29.0	32.8	36.8	44.8	46.9	51.5	56.3	59.1	61.2	61.3	61.5	62.2	62.2	62.4	62.4
≥ 1000		30.2	34.5	39.0	47.8	50.1	55.4	60.6	63.4	65.8	65.9	66.1	67.0	67.0	67.1	67.1
≥ 900		32.1	37.1	41.8	52.1	54.9	61.3	67.3	70.2	72.8	72.9	73.1	74.0	74.0	74.1	74.1
≥ 800		33.2	38.4	43.2	55.2	58.3	65.9	72.5	75.6	79.2	79.3	79.6	80.5	80.5	80.7	80.7
≥ 700		33.6	39.3	44.8	57.6	61.0	69.3	75.9	79.2	82.7	82.9	83.2	84.1	84.1	84.4	84.4
≥ 600		34.8	40.3	46.0	58.9	62.4	71.9	79.0	82.4	86.2	86.3	86.6	87.5	87.5	87.6	87.6
≥ 500		35.3	40.9	46.9	60.3	63.8	73.2	81.0	84.8	89.0	89.4	89.7	90.6	90.6	90.9	90.9
≥ 400		35.4	41.1	47.0	60.6	64.1	74.6	84.4	89.6	94.3	94.3	94.9	95.4	95.4	95.7	95.7
≥ 300		35.4	41.1	47.0	60.6	64.1	74.6	84.5	89.9	94.6	94.6	95.4	96.0	96.0	97.5	97.5
≥ 200		35.4	41.1	47.0	60.6	64.1	74.6	84.5	89.9	94.6	94.6	95.4	96.0	96.0	97.5	97.5
≥ 100		35.4	41.1	47.0	60.6	64.1	74.6	84.5	89.9	94.6	94.6	95.4	96.0	96.0	97.5	97.5
≥ 0		35.4	41.1	47.0	60.6	64.1	74.6	84.5	89.9	94.6	94.6	95.4	96.0	96.0	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS

672

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/NAAC

CEILING VERSUS VISIBILITY

34074 SCHWAERISCH HALL AAF DL

71,77-79

J41

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.15	≥.1	≥0
NO CEILING		14.2	14.2	17.0	25.5	29.2	30.2	31.1	34.9	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 20000		15.1	15.1	17.9	28.3	33.0	34.9	35.8	40.6	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 18000		15.1	15.1	17.9	28.3	33.0	34.9	35.8	40.6	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000		15.1	15.1	17.9	28.3	33.0	34.9	35.8	40.6	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000		15.1	15.1	17.9	28.3	33.0	34.9	35.8	40.6	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 12000		15.1	15.1	17.9	28.3	33.0	34.9	35.8	40.6	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 10000		16.0	16.0	18.9	30.2	34.9	36.8	38.7	43.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 9000		17.0	17.0	19.8	31.1	35.8	37.7	39.6	44.3	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 8000		17.9	17.9	20.8	32.1	36.8	38.7	40.6	45.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 7000		17.9	17.9	20.8	32.1	36.8	38.7	40.6	45.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 6000		18.9	18.9	21.7	33.0	37.7	39.6	41.5	46.2	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 5000		19.8	19.8	22.6	34.0	38.7	40.6	42.5	47.2	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 4500		19.8	19.8	22.6	34.0	39.6	41.5	43.4	48.1	52.8	52.8	52.8	54.7	54.7	54.7	54.7
≥ 4000		20.8	20.8	24.5	36.7	44.3	46.2	48.1	52.8	57.5	57.5	57.5	59.4	59.4	59.4	59.4
≥ 3500		27.4	27.4	31.1	45.3	50.9	52.8	55.7	60.4	65.1	65.1	65.1	67.0	67.0	67.0	67.0
≥ 3000		30.2	30.2	34.0	49.1	54.7	56.6	61.3	66.0	70.8	70.8	70.8	72.6	72.6	72.6	72.6
≥ 2500		32.1	32.1	35.8	50.9	56.6	58.5	63.2	68.9	73.6	73.6	73.6	75.5	75.5	75.5	75.5
≥ 2000		34.0	34.0	38.7	54.7	60.4	62.3	67.9	73.6	78.3	78.3	78.3	80.2	80.2	80.2	80.2
≥ 1800		34.0	34.0	38.7	54.7	60.4	62.3	67.9	73.6	78.3	78.3	78.3	80.2	80.2	80.2	80.2
≥ 1500		34.0	34.9	39.6	55.7	61.3	64.2	69.8	75.5	80.2	80.2	80.2	82.1	82.1	82.1	82.1
≥ 1200		34.0	34.9	40.6	57.5	63.2	67.0	74.5	80.2	84.9	84.9	84.9	86.8	86.8	86.8	86.8
≥ 1000		34.0	34.9	40.6	58.5	66.0	70.8	79.2	84.9	89.6	89.6	89.6	91.5	91.5	91.5	91.5
≥ 900		34.0	34.9	40.6	59.4	67.0	71.7	80.2	85.8	90.6	90.6	90.6	92.5	92.5	92.5	92.5
≥ 800		34.0	34.9	40.6	59.4	67.0	71.7	80.2	86.8	91.5	91.5	91.5	93.4	93.4	93.4	93.4
≥ 700		34.0	34.9	40.6	59.4	67.0	71.7	80.2	88.7	93.4	93.4	93.4	95.3	95.3	95.3	95.3
≥ 600		34.0	34.9	40.6	59.4	67.0	71.7	80.2	88.7	93.4	93.4	93.4	95.3	95.3	95.3	95.3
≥ 500		34.0	34.9	40.6	59.4	67.0	71.7	80.2	88.7	94.3	94.3	94.3	96.2	96.2	96.2	96.2
≥ 400		34.0	34.9	40.6	59.4	67.0	71.7	81.1	90.6	96.2	96.2	96.2	98.1	98.1	98.1	98.1
≥ 300		34.0	34.9	40.6	59.4	67.0	71.7	81.1	90.6	96.2	96.2	96.2	98.1	98.1	98.1	98.1
≥ 200		34.0	34.9	40.6	59.4	67.0	71.7	81.1	90.6	96.2	96.2	96.2	98.1	98.1	98.1	98.1
≥ 100		34.0	34.9	40.6	59.4	67.0	71.7	81.1	90.6	96.2	96.2	96.2	98.1	98.1	98.1	98.1
≥ 0		34.0	34.9	40.6	59.4	67.0	71.7	81.1	91.5	97.2	97.2	97.2	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

106

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34074 SCHNAEFISCH HALL AAF DL

19-79

JA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	20	25	24	23	22½	22	21½	21¼	21	20¾	20½	20¼	20	19¾	19½
NO CEILING ≥ 20000	11.8	12.7	14.2	14.6	15.1	17.3	18.0	19.2	20.1	20.3	20.5	20.6	20.7	20.8	20.9	21.0
≥ 18000 N 16000	11.9	12.9	14.4	19.6	20.3	22.9	24.7	25.8	27.0	27.3	27.4	27.6	27.7	27.9	28.1	28.4
N 14000 N 12000	12.2	13.1	14.6	19.8	20.3	23.2	24.9	26.1	27.3	27.6	27.7	27.9	28.0	28.2	28.4	28.5
N 10000 N 9000	14.0	15.0	16.7	22.3	23.0	25.9	27.8	29.0	30.4	30.7	30.8	31.0	31.1	31.4	31.6	31.6
N 8000 N 7000	15.4	16.5	18.2	23.8	24.5	27.5	29.5	30.7	32.2	32.5	32.7	32.9	33.0	33.2	33.4	33.4
N 6000 N 5000	17.7	21.2	23.1	29.3	30.2	33.9	36.3	37.7	39.4	39.7	40.0	40.3	40.5	40.8	41.1	41.1
N 4500 N 4000	22.2	23.9	25.8	32.3	33.3	37.4	40.1	41.5	43.2	43.5	43.8	44.2	44.3	44.6	44.9	44.9
N 3500 N 3000	28.6	30.7	33.1	40.8	41.9	46.9	49.9	51.6	53.4	53.7	52.9	54.3	54.5	54.8	55.1	55.1
N 2500 N 2000	31.4	32.0	35.1	43.3	44.4	49.0	52.8	54.5	56.3	56.7	56.9	57.3	57.5	57.8	58.1	58.1
N 1800 N 1500	33.1	35.0	38.4	47.0	48.3	54.1	57.8	59.7	61.6	61.9	62.2	62.6	62.8	63.1	63.4	63.4
N 1200 N 1000	37.5	40.6	43.7	54.0	55.8	62.0	67.2	69.3	71.6	72.0	72.2	72.7	72.9	73.2	73.5	73.5
N 700 N 600	40.1	43.3	46.7	59.5	61.0	69.9	75.1	77.4	80.3	80.8	81.1	81.6	81.8	82.1	82.5	82.5
N 500	41.2	44.3	48.7	62.7	63.2	74.3	80.8	83.5	86.8	87.4	87.8	88.3	88.5	88.8	89.2	89.2
N 400	41.3	45.0	49.0	63.6	66.1	76.1	82.6	85.6	89.3	90.0	90.4	90.9	91.2	91.6	91.9	91.9
N 300	41.3	45.1	49.2	64.0	65.6	77.2	84.4	87.7	92.0	92.9	93.4	94.0	94.2	94.6	95.0	95.0
N 200	41.4	45.1	49.2	64.1	66.7	77.3	85.0	88.8	93.3	94.4	94.9	95.7	96.0	96.4	97.0	97.0
N 100	41.4	45.2	49.2	64.2	66.8	77.4	85.2	89.0	93.6	94.7	95.4	96.2	96.7	97.3	98.2	98.2
N 0	41.4	45.2	49.3	64.2	66.8	77.4	85.2	89.1	93.8	95.0	95.6	96.4	97.1	97.9	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

3980

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAERISCH HALL AAF DL

70-71

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
 0000-1300

CEILING FEET	VISIBILITY (STATUTE MILES):															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	10.9	12.7	16.4	18.2	18.2	21.8	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 20000	10.9	12.7	20.0	21.8	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 18000	10.9	12.7	20.0	21.8	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 15000	10.9	12.7	20.0	21.8	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 14000	10.9	12.7	20.0	21.8	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 12000	10.9	12.7	20.0	21.8	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 10000	10.9	12.7	20.0	21.8	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 9000	10.9	12.7	20.0	21.8	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 8000	12.7	14.5	21.8	23.6	23.6	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 7000	12.7	14.5	21.8	23.6	23.6	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 6000	12.7	14.5	21.8	23.6	23.6	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 5000	12.7	14.5	21.8	23.6	23.6	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 4500	14.5	16.4	23.6	25.5	25.5	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 4000	16.4	18.2	25.5	27.3	27.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 3500	21.8	23.6	29.1	30.9	30.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 3000	23.6	27.3	34.5	36.4	36.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 2500	27.3	32.7	40.0	41.8	41.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 2000	29.1	34.5	43.6	45.5	45.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 1800	32.7	38.2	47.3	49.1	49.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 1500	41.8	49.1	58.2	63.6	63.6	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1200	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1000	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 900	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 800	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 700	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 600	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 500	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 400	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 300	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 200	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 100	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 0	45.5	52.7	61.8	67.3	67.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2

TOTAL NUMBER OF OBSERVATIONS

55

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCYNAEPISC4 HALL AAF DL

9-79

EE-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥0	≥0.25	≥0.5	≥1	≥2	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10	≥15	≥20	≥0	
NO CEILING		10.4	12.5	14.1	17.0	17.3	18.0	21.0	21.6	22.2	22.2	22.2	22.2	22.2	22.2	22.2	23.9
≥ 20000		12.6	14.7	16.8	19.9	20.2	20.9	23.9	24.5	25.1	25.3	25.3	25.3	25.4	26.0	27.0	27.0
≥ 18000		12.6	14.7	16.8	19.9	20.2	20.9	23.9	24.5	25.1	25.3	25.3	25.3	25.4	26.0	27.0	27.0
≥ 16000		12.6	14.7	16.8	19.9	20.2	20.9	23.9	24.5	25.1	25.3	25.3	25.3	25.4	26.0	27.0	27.0
≥ 14000		12.6	14.7	16.8	19.9	20.2	20.9	23.9	24.5	25.1	25.3	25.3	25.3	25.4	26.0	27.0	27.0
≥ 12000		12.6	14.7	16.8	19.9	20.2	20.9	23.9	24.5	25.1	25.3	25.3	25.3	25.4	26.0	27.0	27.0
≥ 10000		13.6	15.7	17.9	20.9	21.2	21.5	22.5	25.5	26.1	26.7	26.9	26.9	26.9	27.7	27.7	28.2
≥ 9000		13.8	15.8	18.0	21.2	21.5	22.5	25.5	26.1	26.7	26.9	26.9	26.9	26.9	27.7	27.7	28.2
≥ 8000		15.2	17.4	20.0	23.5	23.8	25.3	28.7	29.3	29.9	30.0	30.0	30.0	30.0	30.8	30.8	32.0
≥ 7000		16.0	18.2	21.2	25.1	25.4	27.0	30.5	31.1	31.6	31.8	31.8	31.8	31.8	32.5	32.5	34.1
≥ 6000		16.4	18.7	21.6	25.5	25.8	27.9	31.3	31.9	32.5	32.7	32.7	32.7	32.8	33.4	33.4	35.0
≥ 5000		16.7	19.2	22.6	26.7	27.0	29.3	32.8	33.4	34.0	34.1	34.1	34.1	34.2	34.8	34.8	36.4
≥ 4500		17.3	19.9	23.2	27.7	28.0	30.3	34.0	34.5	35.4	35.6	35.6	35.6	35.7	36.3	36.3	37.9
≥ 4000		17.9	20.5	24.1	29.0	29.3	31.6	35.6	36.1	37.0	37.2	37.2	37.2	37.2	37.9	37.9	39.5
≥ 3500		19.3	22.1	25.7	31.1	31.5	34.1	38.0	38.6	39.6	39.8	39.8	39.8	39.9	40.6	40.6	42.2
≥ 3000		22.5	26.0	30.6	37.0	37.4	41.2	46.2	46.7	48.0	48.3	48.3	48.3	48.5	49.2	49.2	50.8
≥ 2500		23.4	27.0	31.8	38.5	39.0	43.4	48.6	49.3	50.8	51.1	51.1	51.2	51.4	52.0	52.0	53.6
≥ 2000		26.4	30.2	35.0	43.3	44.4	49.3	54.6	55.3	56.7	57.0	57.0	57.2	57.3	57.9	57.9	59.5
≥ 1800		27.7	31.6	37.0	45.4	46.6	51.5	57.5	58.3	59.8	60.1	60.1	60.2	60.4	61.0	61.0	62.6
≥ 1500		29.5	34.0	39.8	48.9	50.1	55.5	63.1	64.6	66.6	66.9	66.9	67.1	67.2	67.9	67.9	69.5
≥ 1200		30.9	34.8	40.9	50.7	51.8	58.9	66.0	67.5	69.6	70.1	70.1	70.4	70.5	71.1	71.1	72.7
≥ 1000		31.1	36.3	42.5	52.8	54.3	62.0	69.4	71.0	73.3	73.6	73.7	74.0	74.2	74.7	74.7	76.3
≥ 900		31.1	36.3	42.5	53.4	55.3	63.3	70.8	72.6	75.3	75.6	75.8	76.1	76.2	76.6	76.6	78.4
≥ 800		31.3	36.6	43.0	54.1	56.0	64.4	72.9	75.0	78.1	78.5	78.7	79.0	79.1	79.7	79.7	81.3
≥ 700		31.9	37.2	43.8	55.4	57.5	66.3	76.1	79.0	82.3	82.7	82.9	83.3	83.6	84.2	84.2	85.9
≥ 600		32.1	37.3	44.1	55.9	57.9	67.6	78.1	81.1	85.2	85.9	86.2	86.6	86.9	87.5	87.5	89.3
≥ 500		32.1	37.3	44.3	56.5	58.5	68.5	79.7	83.0	87.6	88.8	89.1	89.6	90.0	90.7	90.7	92.6
≥ 400		32.2	37.4	44.4	56.6	58.6	69.2	80.7	84.9	90.1	91.3	92.0	92.5	93.0	93.0	93.0	95.0
≥ 300		32.2	37.4	44.4	56.6	58.6	69.4	81.1	85.5	90.9	92.0	92.0	92.5	93.0	93.0	93.0	95.0
≥ 200		32.2	37.4	44.4	56.6	58.6	69.4	81.1	85.5	90.9	92.0	92.0	92.5	93.0	93.0	93.0	95.0
≥ 100		32.2	37.4	44.4	56.6	58.6	69.4	81.1	85.5	90.9	92.0	92.0	92.5	93.0	93.0	93.0	95.0
≥ 0		32.2	37.4	44.4	56.6	58.6	69.4	81.1	85.5	90.9	92.0	92.0	92.5	93.0	93.0	93.0	95.0

TOTAL NUMBER OF OBSERVATIONS

689

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

60-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-1100
4025 157

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.15	≥0.1	≥0
NO CEILING	12.5	15.9	15.9	15.4	16.1	16.5	17.0	21.5	21.6	22.0	22.0	22.2	22.3	22.5	22.6	22.6
≥ 2000	15.9	17.5	17.5	19.5	23.2	23.9	25.6	27.5	27.6	27.9	27.9	27.9	28.0	28.3	28.4	28.4
≥ 1800	15.2	17.6	17.6	19.8	23.5	24.2	26.0	27.7	28.0	28.3	28.3	28.3	28.4	28.7	28.9	29.3
≥ 1600	15.2	17.6	17.6	19.8	23.5	24.2	26.0	27.7	28.0	28.3	28.3	28.3	28.4	28.7	28.9	29.3
≥ 1400	15.2	17.6	17.6	19.8	23.5	24.2	26.0	27.7	28.0	28.3	28.3	28.3	28.4	28.7	28.9	29.3
≥ 1200	16.2	17.6	17.6	19.8	23.5	24.3	26.2	27.9	28.2	28.4	28.4	28.4	28.6	28.9	29.3	29.4
≥ 1000	17.1	18.0	18.0	20.8	24.8	25.5	27.5	29.0	29.3	29.6	29.6	29.6	29.7	30.0	30.2	30.6
≥ 900	17.5	19.1	19.1	21.5	25.9	26.6	28.6	30.3	30.7	31.0	31.0	31.0	31.2	31.4	31.6	32.0
≥ 800	21.5	22.5	22.5	25.0	30.0	30.9	33.1	35.1	35.6	35.8	35.8	35.8	36.0	36.3	36.4	37.0
≥ 700	22.5	24.5	24.5	27.3	32.4	33.3	35.8	37.8	38.3	38.5	38.5	38.5	38.7	39.0	39.1	39.7
≥ 6500	22.8	24.0	24.0	27.7	32.9	33.7	36.4	38.8	39.1	39.1	39.1	39.3	39.8	40.0	40.5	40.8
≥ 5000	23.3	25.3	25.3	28.4	33.7	34.6	37.7	39.7	40.1	40.4	40.4	40.5	41.1	41.3	41.8	41.8
≥ 4500	25.0	25.7	25.7	34.2	35.1	36.5	41.0	41.4	41.7	41.7	41.7	41.8	42.4	42.5	43.1	43.1
≥ 4000	24.9	26.9	26.9	30.3	35.7	36.6	40.1	42.5	43.1	43.4	43.4	43.4	43.5	44.1	44.2	44.3
≥ 3500	25.7	28.0	28.0	31.0	37.1	38.0	41.7	44.4	45.0	45.2	45.2	45.2	45.4	45.9	46.1	46.8
≥ 3000	27.2	30.3	30.3	34.4	40.4	41.3	45.4	48.5	49.4	50.2	50.4	50.5	50.6	51.4	51.5	52.2
≥ 2500	29.9	33.5	33.5	37.7	44.4	45.2	49.5	52.8	53.6	54.8	55.2	55.3	55.6	56.3	56.5	57.2
≥ 2000	32.4	35.8	35.8	40.3	47.5	48.8	53.1	56.6	57.5	58.6	59.2	59.3	59.6	60.5	60.6	61.3
≥ 1800	34.0	37.0	37.0	42.1	49.4	50.6	54.9	58.7	59.6	60.9	61.5	61.6	61.9	62.7	62.9	63.6
≥ 1500	35.6	39.3	39.3	44.7	53.1	54.3	59.6	64.2	65.3	66.9	67.4	67.6	67.9	68.7	68.8	69.6
≥ 1200	36.0	39.7	39.7	45.5	54.1	55.3	61.2	66.1	67.3	69.0	69.6	69.7	70.0	70.8	71.0	71.7
≥ 1000	37.6	41.3	41.3	47.2	56.2	58.0	64.0	69.3	70.7	72.8	74.0	74.1	74.4	75.5	75.7	76.4
≥ 900	38.4	42.1	42.1	48.4	57.6	59.5	66.3	71.7	73.3	75.4	76.5	76.7	77.0	78.2	78.4	79.1
≥ 800	39.5	42.4	42.4	48.8	58.2	60.0	67.1	73.4	75.1	78.1	79.2	79.4	79.7	80.8	81.1	81.8
≥ 700	39.5	43.2	43.2	49.5	59.7	61.9	69.3	77.0	79.4	83.1	84.5	84.5	84.9	86.3	86.5	87.2
≥ 600	39.7	43.7	43.7	50.1	60.6	63.0	71.7	79.9	82.4	86.6	88.1	88.5	88.9	90.3	90.5	91.2
≥ 500	40.0	44.0	44.0	50.4	61.6	64.0	72.3	81.7	84.4	89.0	90.5	90.9	91.3	92.7	93.0	93.7
≥ 400	40.1	44.1	44.1	50.5	61.7	64.2	73.3	82.9	85.1	91.5	93.0	93.6	94.2	95.6	96.0	96.7
≥ 300	40.1	44.1	44.1	50.5	61.7	64.2	73.3	82.9	85.1	91.5	93.2	93.9	94.5	96.3	96.7	98.4
≥ 200	40.1	44.1	44.1	50.5	61.7	64.2	73.3	82.9	85.1	91.5	93.2	93.9	94.5	96.7	97.4	99.3
≥ 100	40.1	44.1	44.1	50.5	61.7	64.2	73.3	82.9	85.1	91.5	93.2	93.9	94.5	96.7	97.4	100.0
≥ 0	40.1	44.1	44.1	50.5	61.7	64.2	73.3	82.9	85.1	91.5	93.2	93.9	94.5	96.7	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS

703

GLOBAL CLIMATOLOGY SPA S
 USAFETAC
 AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

3-72

FR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
NO CEILING		14.9	15.9	16.5	19.1	19.5	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.2	21.2	21.2
≥ 20000		21.2	22.6	23.5	28.2	29.9	31.9	30.9	30.9	31.9	30.9	30.9	30.9	31.9	31.9	31.9
≥ 18000		21.9	23.3	24.2	28.9	29.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.7
≥ 16000		21.9	23.3	24.2	28.9	29.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.7
≥ 14000		22.2	23.6	24.5	29.2	29.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.0	32.0	32.0
≥ 12000		22.2	23.6	24.5	29.2	30.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.3	32.3	32.3
≥ 10000		24.2	25.6	26.5	31.4	32.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4
≥ 9000		24.8	26.2	27.2	32.9	33.0	33.4	35.4	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7
≥ 8000		28.6	30.0	31.0	36.7	37.4	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.3	40.3	40.3
≥ 7000		29.6	31.0	32.6	38.9	39.1	41.6	41.6	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1
≥ 6000		30.3	31.9	33.4	39.4	40.3	43.1	43.2	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5
≥ 5000		32.1	33.7	35.3	41.9	42.1	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.4	45.4	45.4
≥ 4500		33.3	34.9	36.4	42.8	43.7	46.5	46.5	46.9	46.9	46.9	46.9	46.9	47.1	47.1	47.1
≥ 4000		34.4	36.0	37.7	44.2	45.1	48.5	48.8	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2
≥ 3500		35.8	37.6	39.4	46.4	47.4	51.2	51.5	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9
≥ 3000		38.0	39.8	42.2	49.8	50.8	55.2	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 2500		40.4	42.4	45.0	52.5	53.8	58.9	59.5	59.7	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 2000		43.4	45.5	48.2	56.9	58.3	63.9	64.4	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.1
≥ 1800		45.0	47.2	50.2	58.7	60.3	65.9	66.4	66.9	67.0	67.1	67.1	67.1	67.3	67.3	67.3
≥ 1500		46.2	50.6	54.1	63.2	65.0	71.6	72.7	73.3	73.4	73.3	73.3	73.3	73.7	73.7	73.7
≥ 1200		49.1	51.9	55.8	65.9	67.7	75.0	76.5	77.2	77.4	77.5	77.5	77.5	77.7	77.7	77.7
≥ 1000		49.6	53.3	57.2	67.9	69.7	77.5	79.7	80.4	80.7	80.8	80.8	80.8	80.9	80.9	80.9
≥ 900		50.1	53.8	58.0	69.0	70.8	79.2	81.4	82.1	82.4	82.5	82.5	82.5	82.6	82.6	82.6
≥ 800		50.4	54.5	58.7	71.3	72.8	81.7	84.9	85.1	86.5	86.5	86.5	86.5	87.1	87.1	87.1
≥ 700		50.8	55.2	59.7	72.9	74.5	83.8	87.5	89.0	89.9	89.9	90.0	90.3	90.6	90.6	90.6
≥ 600		51.5	55.9	60.7	74.7	76.7	85.2	89.6	92.3	93.6	93.7	94.0	94.3	94.6	94.6	94.6
≥ 500		51.5	55.9	60.7	74.7	76.8	86.3	91.0	93.0	94.6	95.0	95.2	95.4	95.7	95.7	95.7
≥ 450		51.5	55.9	60.7	74.7	76.8	86.5	91.7	94.0	95.2	95.6	95.7	95.7	96.0	96.0	96.0
≥ 400		51.5	55.9	60.7	74.7	76.8	86.6	92.2	94.5	96.6	96.6	96.7	96.7	96.9	96.9	96.9
≥ 300		51.5	55.9	60.7	74.7	76.8	86.6	92.2	94.5	96.6	96.6	97.3	97.9	98.3	98.3	98.3
≥ 200		51.5	55.9	60.7	74.7	76.8	86.6	92.2	94.5	96.6	96.6	97.3	97.9	98.4	98.4	98.4
≥ 100		51.5	55.9	60.7	74.7	76.8	86.6	92.2	94.5	96.6	96.6	97.3	97.9	98.4	98.4	98.4
≥ 0		51.5	55.9	60.7	74.7	76.8	86.6	92.2	94.5	96.6	96.6	97.3	97.9	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

703

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

0-75

FE₀

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
054-117

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	18.7	18.1	17.0	21.5	21.7	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 20000	22.9	24.7	26.3	30.0	31.0	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 18000	23.1	25.0	26.7	30.3	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 16000	23.1	25.0	26.9	30.3	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 14000	23.4	25.3	27.1	30.7	31.7	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 12000	24.9	26.7	28.6	32.3	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 10000	26.1	28.0	29.9	34.0	35.0	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 9000	27.9	29.7	31.6	35.7	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 8000	32.7	34.0	35.9	40.4	41.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 7000	32.7	34.7	36.6	41.3	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 6000	35.3	35.7	37.7	43.0	44.0	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 5000	34.1	36.6	38.6	44.1	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 4500	35.4	37.9	39.7	45.4	46.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 4000	39.1	41.6	43.9	49.6	50.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 3500	42.1	45.0	47.4	53.7	55.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3000	44.9	48.0	51.0	57.6	58.9	60.9	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 2500	46.9	50.4	53.4	60.7	62.4	64.9	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 2000	47.1	52.9	56.4	64.7	66.4	69.0	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1800	51.7	54.4	58.0	68.9	70.6	71.1	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500	53.4	57.3	61.9	71.4	73.4	73.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1200	55.1	59.0	64.1	74.4	76.7	76.3	82.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1000	56.3	60.7	66.0	75.0	80.4	84.1	85.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 900	58.3	61.0	68.7	79.1	81.9	85.7	88.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	56.3	61.1	66.9	79.7	82.6	87.0	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	55.7	61.7	67.7	80.9	83.7	88.4	91.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	57.4	62.4	68.4	81.9	84.7	89.4	92.6	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500	57.6	62.6	68.6	82.0	84.9	89.9	93.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	57.6	62.6	68.6	82.1	85.0	89.9	93.6	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	57.7	62.7	68.7	82.4	85.3	90.1	93.9	95.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	57.7	62.7	68.7	82.4	85.3	90.1	93.9	95.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 100	57.7	62.7	68.7	82.4	85.3	90.1	93.9	95.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 0	57.7	62.7	68.7	82.4	85.3	90.1	93.9	95.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS

700

GLOBAL CLIMATE DATA CENTER
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWABISCH HALL AAF DL

9-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16C-2006

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0.4	
NO CEILING		15.3	18.4	19.5	23.8	24.2	25.8	27.2	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 20000		21.4	23.6	26.2	31.4	31.7	33.7	35.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 18000		21.4	23.6	26.2	31.4	31.7	33.7	35.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 16000		21.4	23.6	26.2	31.4	31.7	33.7	35.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 14000		21.4	23.6	26.2	31.4	31.7	34.2	35.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 12000		22.5	24.5	27.3	32.2	32.6	35.2	36.9	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 10000		22.7	25.0	27.7	33.7	34.1	36.9	38.8	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 9000		23.7	25.8	28.5	34.6	34.9	37.9	40.1	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 8000		25.0	28.2	31.7	37.2	37.4	41.6	42.9	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 7000		27.5	29.9	33.4	39.9	40.2	43.5	45.6	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 6000		28.0	30.5	34.1	40.9	41.5	44.5	46.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 5000		28.7	31.2	34.7	41.3	42.1	45.3	47.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 4500		29.4	31.9	35.4	42.6	43.0	46.3	48.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 4000		31.8	34.7	38.6	46.3	46.8	51.0	53.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 3500		34.2	37.1	41.4	50.2	50.7	55.9	58.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 3000		37.1	40.9	45.3	55.0	55.7	61.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 2500		38.3	43.6	48.7	59.2	60.1	65.3	68.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2000		41.4	45.5	50.7	61.7	62.8	68.3	71.6	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1800		41.9	46.0	51.5	62.9	63.9	69.6	73.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1600		43.1	47.3	54.2	66.4	67.4	73.7	79.4	80.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1400		44.1	49.0	55.5	68.1	69.3	75.7	81.0	83.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200		44.8	49.8	56.7	70.3	71.6	78.0	83.7	86.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000		45.0	50.0	57.3	71.3	73.0	79.5	85.2	88.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 900		45.0	50.2	57.2	71.6	73.3	80.0	85.9	89.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800		45.0	50.2	57.4	72.1	74.0	80.9	87.2	91.1	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700		45.0	50.2	57.4	72.5	74.3	81.4	88.1	91.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600		45.0	50.2	57.4	72.7	74.5	81.7	89.8	93.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500		45.0	50.7	57.9	73.3	75.3	82.7	89.8	94.6	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400		45.0	50.7	58.1	73.5	75.5	82.9	89.9	95.1	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300		45.0	50.7	58.1	73.5	75.5	82.9	89.9	95.1	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200		45.0	50.7	58.1	73.5	75.5	82.9	89.9	95.1	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100		45.0	50.7	58.1	73.5	75.5	82.9	89.9	95.1	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3
0		45.0	50.7	58.1	73.5	75.5	82.9	89.9	95.1	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS

596

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAERISCH HALL AFB AL

71,77-79

FEET

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥0	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING		17.7	24.5	24.5	31.1	31.1	37.7	37.7	37.7	39.3	39.3	41.0	41.0	41.0	41.0	41.0
≥ 20000		24.5	29.5	29.5	37.7	37.7	37.7	37.7	37.7	39.3	39.3	41.0	41.0	41.0	41.0	41.0
IV 18000		24.5	29.5	29.5	37.7	37.7	37.7	37.7	37.7	39.3	39.3	41.0	41.0	41.0	41.0	41.0
IV 16000		24.5	29.5	29.5	37.7	37.7	37.7	37.7	37.7	39.3	39.3	41.0	41.0	41.0	41.0	41.0
IV 14000		24.5	29.5	29.5	37.7	37.7	37.7	37.7	37.7	39.3	39.3	41.0	41.0	41.0	41.0	41.0
IV 12000		24.5	29.5	29.5	37.7	37.7	37.7	37.7	37.7	39.3	39.3	41.0	41.0	41.0	41.0	41.0
IV 10000		24.5	31.1	32.8	41.0	41.0	42.6	49.2	49.2	50.8	50.8	52.5	52.5	52.5	54.1	54.1
IV 9000		24.5	31.1	32.8	41.0	41.0	42.6	49.2	49.2	50.8	50.8	52.5	52.5	52.5	54.1	54.1
IV 8000		24.5	31.1	32.8	41.0	41.0	42.6	49.2	49.2	50.8	50.8	52.5	52.5	54.1	55.7	55.7
IV 7000		24.5	32.8	34.4	44.3	44.3	45.9	52.5	52.5	54.1	54.1	55.7	55.7	57.4	59.0	59.0
IV 6000		24.5	32.8	34.4	44.3	44.3	45.9	52.5	52.5	54.1	54.1	55.7	55.7	57.4	59.0	59.0
IV 5000		24.5	32.8	34.4	44.3	44.3	45.9	52.5	52.5	54.1	54.1	55.7	55.7	57.4	59.0	59.0
IV 4500		26.2	34.4	36.1	45.9	45.9	47.5	54.1	54.1	55.7	55.7	57.4	57.4	59.0	60.7	60.7
IV 4000		26.2	34.4	36.1	45.9	45.9	47.5	54.1	54.1	55.7	55.7	57.4	57.4	59.0	60.7	60.7
IV 3500		27.9	36.1	39.3	49.2	49.2	52.5	59.0	59.0	60.7	60.7	62.3	62.3	63.9	65.6	65.6
IV 3000		31.1	39.3	42.6	52.5	52.5	55.7	62.3	62.3	63.9	63.9	65.6	65.6	67.2	68.9	68.9
IV 2500		37.7	45.9	49.2	60.7	60.7	65.6	73.8	73.8	75.4	75.4	77.0	77.0	78.7	80.3	80.3
IV 2000		37.7	45.9	49.2	60.7	60.7	65.6	73.8	73.8	75.4	75.4	77.0	77.0	78.7	80.3	80.3
IV 1800		37.7	45.9	49.2	60.7	60.7	65.6	73.8	73.8	75.4	75.4	77.0	77.0	78.7	80.3	80.3
IV 1500		37.7	45.9	49.2	60.7	60.7	65.6	73.8	73.8	75.4	75.4	77.0	77.0	78.7	80.3	80.3
IV 1200		37.7	45.9	49.2	60.7	60.7	67.2	77.0	77.0	78.7	78.7	80.3	80.3	82.0	83.6	83.6
IV 1000		37.7	45.9	49.2	60.7	60.7	67.2	77.0	77.0	78.7	78.7	80.3	80.3	82.0	83.6	83.6
IV 900		37.7	45.9	49.2	60.7	60.7	68.9	83.6	83.6	86.9	86.9	88.5	88.5	90.2	91.8	91.8
IV 800		37.7	45.9	49.2	60.7	60.7	68.9	83.6	83.6	86.9	86.9	88.5	88.5	90.2	91.8	91.8
IV 700		37.7	45.9	49.2	60.7	60.7	68.9	83.6	83.6	86.9	86.9	88.5	88.5	90.2	91.8	91.8
IV 600		37.7	45.9	49.2	60.7	60.7	70.5	85.2	85.2	86.9	86.9	91.8	91.8	93.4	93.4	93.4
IV 500		37.7	45.9	49.2	60.7	60.7	70.5	85.2	85.2	86.9	86.9	91.8	91.8	93.4	93.4	93.4
IV 400		37.7	45.9	49.2	60.7	60.7	70.5	85.2	85.2	86.9	86.9	91.8	91.8	93.4	93.4	93.4
IV 300		37.7	45.9	49.2	60.7	60.7	70.5	85.2	85.2	86.9	86.9	91.8	91.8	93.4	93.4	93.4
IV 200		37.7	45.9	49.2	60.7	60.7	70.5	85.2	85.2	86.9	86.9	91.8	91.8	93.4	93.4	93.4
IV 100		37.7	45.9	49.2	60.7	60.7	70.5	85.2	85.2	86.9	86.9	91.8	91.8	93.4	93.4	93.4
IV 0		37.7	45.9	49.2	60.7	60.7	70.5	85.2	85.2	88.5	88.5	93.4	93.4	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS

51

GLOBAL CLIMATOLOGY SECTION
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

STATION: 34074 SCHAEFFEL HALL AFB TX YEARS: 6-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING		14.2	15.7	17.4	19.9	21.2	21.5	22.7	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.7
≥ 20000		18.8	20.6	22.5	26.5	27.1	27.6	29.9	30.2	30.4	30.4	30.4	30.4	30.4	30.4	31.1
IV 18000		19.0	20.9	22.7	26.6	27.4	27.8	30.2	30.4	30.6	30.7	30.7	30.7	30.7	31.0	31.3
IV 16000		19.0	20.9	22.7	26.6	27.4	27.8	30.2	30.4	30.6	30.7	30.7	30.7	30.7	31.0	31.3
IV 14000		19.1	21.0	22.8	26.9	27.5	27.1	30.4	30.7	30.9	30.8	30.8	30.8	31.0	31.1	31.5
IV 12000		19.5	21.4	23.3	27.4	27.9	27.6	31.0	31.2	31.4	31.5	31.5	31.5	31.6	31.8	32.1
IV 10000		20.6	22.5	24.5	29.1	29.6	31.2	32.6	32.9	33.1	33.1	33.2	33.2	33.2	33.3	33.7
IV 9000		21.3	23.2	25.3	29.9	30.5	32.3	33.8	34.1	34.3	34.4	34.4	34.4	34.4	34.7	35.1
IV 8000		24.3	26.3	28.5	33.5	34.1	35.2	37.8	38.2	38.4	38.4	38.4	38.4	38.5	38.6	39.2
IV 7000		25.4	27.5	30.1	35.2	35.9	37.2	39.8	40.2	40.4	40.4	40.4	40.4	40.5	40.6	41.2
IV 6000		25.6	28.1	30.7	35.2	35.8	36.3	40.9	41.3	41.5	41.5	41.5	41.5	41.6	41.7	42.3
IV 5000		26.7	29.0	31.5	37.4	38.0	38.6	42.3	42.7	42.9	42.9	42.9	42.9	43.0	43.1	43.7
IV 4500		27.6	29.9	32.5	38.4	39.2	41.0	43.7	44.1	44.2	44.3	44.3	44.4	44.4	44.6	45.2
IV 4000		29.4	31.7	34.7	40.6	41.5	44.6	46.5	47.1	47.3	47.3	47.4	47.4	47.5	47.6	48.2
IV 3500		31.2	33.7	36.9	43.5	44.2	47.6	49.7	50.2	50.5	50.5	50.6	50.6	50.8	51.0	51.5
IV 3000		33.7	36.8	40.5	47.7	48.5	52.4	54.8	55.3	55.8	55.8	56.0	56.1	56.3	56.5	57.1
IV 2500		35.4	39.5	43.2	50.9	51.9	56.2	58.8	59.5	60.0	60.2	60.2	60.4	60.6	60.8	61.4
IV 2000		38.4	41.9	46.0	54.6	55.9	60.5	63.2	64.0	64.6	64.9	64.9	65.1	65.2	65.3	65.9
IV 1800		39.7	43.3	47.7	56.5	57.8	62.4	65.3	66.2	65.8	67.1	67.1	67.3	67.5	67.7	68.1
IV 1500		41.9	45.8	50.3	60.5	62.0	67.5	71.1	72.4	73.4	73.5	73.7	73.8	74.1	74.2	74.7
IV 1200		42.5	46.9	52.4	62.6	64.1	71.2	74.3	75.7	76.8	77.0	77.1	77.3	77.5	77.7	78.1
IV 1000		43.8	48.3	53.9	64.9	66.6	73.0	77.6	79.2	80.5	80.3	80.9	81.1	81.4	81.6	82.1
IV 900		44.1	48.8	54.5	65.8	67.9	74.7	79.3	80.9	82.3	82.7	82.9	82.9	83.3	83.4	83.9
IV 800		44.2	49.0	54.9	65.7	67.7	75.9	81.2	83.2	84.9	85.3	85.4	85.5	85.7	85.8	86.3
IV 700		44.7	49.5	55.6	67.9	70.0	77.5	83.7	86.0	88.1	88.5	88.7	88.9	89.4	89.5	90.1
IV 600		45.1	49.9	56.1	68.9	71.1	79.1	85.8	88.2	90.7	91.3	91.4	91.6	92.4	92.5	93.0
IV 500		45.1	50.0	56.3	69.3	71.5	79.7	86.3	89.6	92.4	93.2	93.6	93.9	94.4	94.7	95.2
IV 400		45.2	50.2	56.5	69.5	71.8	80.3	87.7	90.9	94.1	95.1	95.3	95.6	96.2	96.7	97.7
IV 300		45.2	50.2	56.5	69.7	71.9	80.4	87.9	91.2	94.6	95.7	96.4	96.8	97.7	98.1	99.0
IV 200		45.2	50.2	56.5	69.7	71.9	80.4	87.9	91.2	94.6	95.7	96.5	96.9	98.1	98.6	99.6
IV 100		45.2	50.2	56.5	69.7	71.9	80.4	87.9	91.2	94.6	95.7	96.6	96.9	98.1	98.7	99.9
IV 0		45.2	50.2	56.5	69.7	71.9	80.4	87.9	91.3	94.6	95.8	96.4	97.0	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3509

GLOBAL CLIMATE DATA CENTER
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHAEFELISCH HALL AAF DL

70

4

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0307-0307
 MONTH

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING		27.1	33.9	35.5	35.5	35.5	37.1	37.1	37.1	40.3	40.3	40.3	43.5	43.5	45.2	45.2
≥ 20000		20.0	33.9	35.5	35.5	35.5	37.1	37.1	37.1	40.3	40.3	40.3	43.5	43.5	45.2	45.2
≥ 18000		20.0	33.9	35.5	35.5	35.5	37.1	37.1	37.1	40.3	40.3	40.3	43.5	43.5	45.2	45.2
≥ 16000		20.0	33.9	35.5	35.5	35.5	37.1	37.1	37.1	40.3	40.3	40.3	43.5	43.5	45.2	45.2
≥ 14000		20.0	33.9	35.5	35.5	35.5	37.1	37.1	37.1	40.3	40.3	40.3	43.5	43.5	45.2	45.2
≥ 12000		20.0	33.9	35.5	35.5	35.5	37.1	37.1	37.1	40.3	40.3	40.3	43.5	43.5	45.2	45.2
≥ 10000		20.0	33.9	35.5	35.5	35.5	37.1	37.1	37.1	40.3	40.3	40.3	43.5	43.5	45.2	45.2
≥ 9000		20.0	33.9	35.5	35.5	35.5	37.1	37.1	37.1	40.3	40.3	40.3	43.5	43.5	45.2	45.2
≥ 8000		20.0	33.9	35.5	35.5	35.5	37.1	37.1	37.1	40.3	40.3	40.3	43.5	43.5	45.2	45.2
≥ 7000		20.0	33.9	35.5	35.5	35.5	37.1	37.1	37.1	40.3	40.3	40.3	43.5	43.5	45.2	45.2
≥ 6000		22.2	37.1	38.7	38.7	38.7	41.9	41.9	41.9	45.2	45.2	45.2	48.4	48.4	50.0	50.0
≥ 5000		33.9	38.7	40.3	40.3	40.3	45.2	45.2	45.2	50.0	50.0	50.0	53.2	53.2	54.8	54.8
≥ 4500		35.5	40.3	41.9	41.9	41.9	45.2	45.2	45.2	50.0	50.0	50.0	53.2	53.2	54.8	54.8
≥ 4000		27.1	41.9	43.5	43.5	43.5	45.2	45.2	45.2	50.0	50.0	50.0	53.2	53.2	54.8	54.8
≥ 3500		42.5	48.4	50.0	50.0	50.0	54.8	54.8	54.8	59.7	59.7	59.7	62.9	62.9	64.5	64.5
≥ 3000		43.5	48.4	53.2	54.8	54.8	59.7	59.7	59.7	66.1	66.1	66.1	69.4	69.4	71.0	71.0
≥ 2500		45.2	50.0	54.8	56.5	56.5	61.3	64.5	64.5	69.4	69.4	69.4	72.6	72.6	74.2	74.2
≥ 2000		45.2	50.0	54.8	56.5	56.5	61.3	67.7	67.7	69.4	69.4	69.4	72.6	72.6	75.8	77.4
≥ 1800		45.2	50.0	54.8	56.5	56.5	64.5	71.0	71.0	72.6	72.6	72.6	75.8	75.8	79.0	80.6
≥ 1500		45.2	50.0	58.1	59.7	59.7	67.7	74.2	74.2	75.8	75.8	75.8	79.0	79.0	82.3	83.9
≥ 1200		45.2	50.0	58.1	59.7	59.7	67.7	74.2	74.2	75.8	75.8	75.8	79.0	79.0	82.3	83.9
≥ 1000		45.2	50.0	58.1	59.7	59.7	67.7	74.2	74.2	75.8	75.8	75.8	79.0	79.0	82.3	83.9
≥ 900		45.2	50.0	58.1	59.7	59.7	67.7	74.2	74.2	75.8	75.8	75.8	79.0	79.0	82.3	83.9
≥ 800		48.4	53.2	61.3	62.9	62.9	71.0	77.4	77.4	79.0	79.0	79.0	82.3	82.3	85.5	87.1
≥ 700		48.4	53.2	61.3	62.9	62.9	71.0	77.4	77.4	79.0	79.0	79.0	82.3	82.3	85.5	87.1
≥ 600		48.4	53.2	61.3	62.9	62.9	71.0	77.4	77.4	79.0	79.0	79.0	82.3	82.3	85.5	87.1
≥ 500		48.4	53.2	61.3	62.9	62.9	71.0	77.4	77.4	79.0	79.0	79.0	82.3	82.3	85.5	87.1
≥ 400		48.4	53.2	61.3	62.9	62.9	71.0	77.4	77.4	79.0	79.0	79.0	82.3	82.3	85.5	87.1
≥ 300		51.6	56.5	64.5	66.1	66.1	74.2	80.6	80.6	82.3	82.3	82.3	85.5	85.5	88.7	90.3
≥ 200		51.6	56.5	64.5	66.1	66.1	74.2	80.6	80.6	82.3	82.3	82.3	85.5	85.5	88.7	90.3
≥ 100		51.6	56.5	64.5	66.1	66.1	74.2	80.6	80.6	82.3	82.3	82.3	85.5	85.5	88.7	90.3
≥ 0		51.6	56.5	64.5	66.1	66.1	74.2	80.6	80.6	82.3	82.3	82.3	85.5	85.5	88.7	90.3

TOTAL NUMBER OF OBSERVATIONS

32

GLOBAL CLIMATE DATA
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34074 SULLY FIELD HALL AAF DL

8-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0
NO CEILING	19.1	22.2	24.9	27.3	27.8	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 20000	23.0	26.3	29.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
IN 18000	23.0	26.3	29.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
IN 16000	23.0	26.3	29.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
IN 14000	23.0	26.3	29.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
IN 12000	23.0	26.3	29.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
IN 10000	24.4	28.0	31.3	35.5	35.2	37.9	40.0	40.6	41.6	41.6	42.1	42.3	42.3	42.3	42.9	44.4
IN 9000	25.5	30.4	33.7	37.8	37.8	40.0	43.2	43.9	44.9	45.4	45.4	45.4	45.4	45.4	45.4	45.4
IN 8000	25.5	32.3	36.1	40.1	40.3	42.3	45.6	46.3	47.3	47.6	48.7	48.8	48.8	48.8	48.8	48.8
IN 7000	27.1	34.4	37.9	41.9	42.2	44.4	47.9	48.8	50.0	50.5	50.7	51.1	51.1	51.1	51.7	52.3
IN 6000	27.1	35.2	38.8	42.8	43.0	45.2	49.1	50.2	51.5	52.1	52.2	52.4	52.4	52.4	52.4	52.4
IN 5000	28.0	36.3	39.9	44.7	44.3	47.3	50.6	51.8	53.2	53.7	53.8	54.2	54.2	54.2	54.2	54.2
IN 4500	28.0	37.2	40.7	44.9	45.1	48.5	51.7	53.1	54.4	54.7	55.1	55.4	55.4	55.4	55.4	55.4
IN 4000	34.2	38.9	42.4	47.1	47.4	51.1	54.5	56.0	57.5	57.9	58.2	58.4	58.4	58.4	58.4	58.4
IN 3500	35.7	41.0	45.1	50.0	50.4	54.4	57.9	59.5	61.0	61.5	61.7	62.2	62.2	62.2	62.2	62.2
IN 3000	39.1	44.3	48.3	53.8	54.4	59.9	63.0	65.0	66.5	67.1	67.4	67.9	67.9	67.9	67.9	67.9
IN 2500	41.2	46.3	50.5	56.5	57.2	61.9	65.3	68.3	70.0	70.7	70.9	71.4	71.4	71.4	71.4	71.4
IN 2000	41.2	47.4	52.2	58.7	59.4	64.2	67.4	71.6	73.5	74.2	74.4	74.9	74.9	74.9	74.9	74.9
IN 1800	42.8	48.7	53.7	60.3	61.0	65.0	71.3	73.5	75.3	76.0	76.3	76.6	76.6	76.6	76.6	76.6
IN 1500	43.9	50.0	55.1	62.1	62.3	66.1	74.0	76.3	78.1	78.9	79.1	79.6	79.6	79.6	79.6	79.6
IN 1200	45.4	51.7	57.0	64.4	65.2	70.7	75.9	79.3	81.2	81.9	82.2	82.9	82.9	82.9	82.9	82.9
IN 1000	45.7	52.3	57.8	66.4	67.1	73.6	80.4	83.1	85.0	85.7	85.9	86.7	86.7	86.7	86.7	86.7
IN 900	45.0	52.7	58.4	67.4	68.1	74.9	82.4	85.2	87.0	87.8	88.0	88.6	88.6	88.6	88.6	88.6
IN 800	45.0	52.7	58.5	68.0	68.7	75.2	83.7	86.7	88.5	89.2	89.5	90.2	90.2	90.2	90.2	90.2
IN 700	46.0	52.7	58.5	68.2	68.9	75.4	84.4	87.3	89.1	89.9	90.1	90.8	90.8	90.8	90.8	90.8
IN 600	46.1	52.9	58.8	68.7	69.4	77.3	85.3	88.4	90.7	91.6	91.8	92.7	92.7	92.7	92.7	92.7
IN 500	45.1	52.9	58.8	68.8	69.4	77.3	85.3	88.8	91.3	92.2	92.7	93.4	93.4	93.4	93.4	93.4
IN 400	46.1	52.9	58.8	68.8	69.6	77.8	86.1	89.6	92.7	92.3	94.3	95.1	95.3	95.3	95.3	95.3
IN 300	46.2	53.1	58.9	68.9	69.7	77.9	86.4	90.0	93.5	94.6	95.1	96.1	96.1	96.1	96.1	96.1
IN 200	46.2	53.1	58.9	68.9	69.7	77.9	86.4	90.0	93.5	94.6	95.2	96.2	96.2	96.2	96.2	96.2
IN 100	46.2	53.1	58.9	68.9	69.7	77.9	86.4	90.0	93.5	94.6	95.2	96.2	96.2	96.2	96.2	96.2
IN 0	46.2	53.1	58.9	68.9	69.7	77.9	86.4	90.0	93.5	94.6	95.2	96.2	96.2	96.2	96.2	96.2

TOTAL NUMBER OF OBSERVATIONS

315

GLOBAL CLIMATE DATA
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHAEFER HALL AFB TX

7-7

14

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1960-1970

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING		25.2	23.2	23.5	29.2	27.5	21.5	22.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000		26.1	29.2	32.0	36.0	37.0	27.5	40.2	40.2	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
18000		25.1	29.2	32.0	36.0	37.0	27.5	40.2	40.2	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
16000		26.1	29.2	32.0	36.0	37.0	27.5	40.2	40.2	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
14000		26.3	29.5	32.3	37.2	37.5	27.1	40.8	40.8	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
12000		27.3	30.4	33.3	38.3	38.7	24.2	41.9	41.9	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
10000		27.5	31.7	34.9	40.1	40.5	24.2	44.0	44.0	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
9000		30.7	33.4	36.5	42.0	42.6	25.3	45.0	45.0	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
8000		32.1	35.7	39.4	45.1	45.7	27.9	49.0	49.0	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
7000		32.6	36.3	40.1	46.0	46.6	27.1	50.9	51.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
6000		33.1	36.9	40.7	46.0	47.3	27.0	52.0	52.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
5000		34.5	38.6	42.4	48.3	49.0	22.8	54.0	54.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
4500		35.4	39.5	43.4	49.3	50.1	24.0	55.2	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
4000		37.7	41.9	45.9	52.5	53.2	27.5	59.0	59.2	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
3500		40.1	44.3	48.3	55.0	55.7	26.1	61.9	62.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
3000		42.6	47.3	51.3	58.3	59.2	24.0	66.0	66.0	66.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
2500		44.2	49.1	53.1	60.5	61.7	26.0	68.5	68.9	69.9	69.9	70.1	70.2	70.7	70.7	70.9	71.1
2000		46.5	51.5	56.4	64.0	65.4	27.4	72.8	73.1	74.4	74.4	74.5	74.6	75.1	75.1	75.3	75.4
1800		47.1	52.1	57.3	65.4	66.2	27.4	73.8	74.0	75.3	75.3	75.3	75.5	76.0	76.0	76.3	76.5
1500		48.1	53.3	58.4	67.2	68.0	28.5	76.3	76.8	78.1	78.1	78.3	78.7	79.2	79.2	79.4	79.6
1200		48.3	56.0	61.3	70.5	71.7	27.8	81.0	81.4	83.1	83.6	83.6	84.2	84.8	84.8	85.0	85.3
1000		50.8	56.9	62.4	72.0	73.8	27.4	84.2	84.9	86.8	87.3	87.3	87.9	88.5	88.5	88.7	89.0
900		51.1	57.4	62.7	73.7	74.6	27.2	85.4	86.2	88.3	88.7	88.7	89.3	89.9	89.9	90.1	90.3
800		51.3	57.5	63.2	74.3	75.3	28.2	86.3	87.2	89.2	89.6	89.6	90.4	91.0	91.0	91.4	91.6
700		51.3	57.5	63.4	74.4	75.4	28.4	87.2	88.0	90.1	90.7	90.7	91.3	91.9	91.9	92.2	92.7
600		51.4	57.7	63.6	74.9	75.9	28.2	88.5	89.3	91.9	92.5	92.5	93.1	93.7	93.7	94.0	94.3
500		51.4	57.7	63.6	75.4	75.5	28.1	90.2	91.1	94.0	94.7	94.7	95.4	96.0	96.0	96.4	96.9
400		51.4	57.7	63.5	75.6	75.5	28.8	91.3	92.5	95.6	96.5	96.5	97.4	98.1	98.1	98.6	98.8
300		51.4	57.7	63.5	75.5	75.5	28.8	91.3	92.5	95.8	96.8	96.8	97.7	98.4	98.4	98.9	99.2
200		51.5	57.8	63.7	75.7	75.8	28.0	91.5	92.7	96.0	97.0	97.0	98.0	98.8	98.8	99.3	99.5
100		51.5	57.8	63.7	75.7	75.8	28.0	91.5	92.7	96.0	97.0	97.0	98.0	98.8	98.8	99.3	99.5
0		51.5	57.8	63.7	75.7	75.8	28.0	91.5	92.7	96.0	97.0	97.0	98.0	98.8	98.8	99.3	99.5

TOTAL NUMBER OF OBSERVATIONS

135

GLOBAL CLIMATOLOGY DATA
 USAF-ETAC
 AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

34074 SCHWABISCH HALL AAF JL

A-74

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

120-1400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING															
≥ 20000	28.3	29.3	29.3	32.2	32.2	32.2	32.2	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
18000	35.2	37.2	39.5	42.3	42.3	42.3	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
16000	35.2	37.2	39.5	42.3	42.3	42.3	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
14000	36.5	37.4	39.7	42.7	42.7	42.7	42.7	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
12000	36.7	37.7	40.0	42.9	42.9	42.9	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
10000	39.0	40.0	42.2	45.3	45.3	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
9000	40.7	41.6	43.9	47.1	47.1	47.1	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
8000	43.3	44.4	46.7	50.0	50.0	50.0	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
7000	44.9	45.9	48.2	51.8	51.8	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
6000	45.6	46.9	49.4	53.1	53.1	53.1	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
5000	46.9	48.3	50.8	54.3	54.3	54.3	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
4500	47.5	48.9	51.4	55.6	55.6	55.6	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
4000	50.1	51.8	54.4	58.2	58.2	58.2	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
3500	52.3	54.2	56.8	61.8	61.8	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
3000	56.7	58.9	61.6	67.1	67.1	67.1	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
2500	60.3	62.4	65.2	70.9	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
2000	65.3	67.5	70.5	76.8	77.0	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
1800	66.4	68.5	72.0	78.5	78.7	78.7	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
1500	68.5	71.3	75.4	82.3	82.7	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
1200	70.5	73.7	78.1	85.3	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1000	71.1	74.4	78.9	86.3	86.6	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
900	71.4	74.9	79.4	87.1	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
800	71.7	75.1	79.8	87.4	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
700	71.9	75.4	80.0	88.0	88.5	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
600	72.0	75.5	80.4	88.9	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
500	72.2	75.8	80.9	89.4	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
400	72.2	75.8	80.9	89.4	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
300	72.2	75.8	80.9	89.4	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
200	72.2	75.8	80.9	89.4	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
100	72.2	75.8	80.9	89.4	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
0	72.2	75.8	80.9	89.4	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2

TOTAL NUMBER OF OBSERVATIONS

836

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

34074 SCHWAERISCH HALL AAF DL

1978

1978

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
LOCAL TIME

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING ≥ 20000	29.5	30.4	30.7	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
18000	40.3	41.9	42.5	43.4	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
16000	40.5	41.9	42.5	43.4	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
14000	40.9	42.2	42.1	40.1	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
12000	41.9	43.5	43.1	47.0	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
10000	45.0	46.5	46.1	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
9000	45.4	47.0	48.5	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
8000	47.3	50.4	52.2	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
7000	50.7	52.5	54.3	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
6000	51.0	52.7	54.7	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
5000	52.6	54.6	56.4	58.9	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
4500	53.9	55.9	57.8	61.2	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
4000	57.4	59.3	61.2	64.6	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
3500	59.3	61.4	63.3	67.0	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
3000	64.2	66.5	68.7	72.3	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
2500	68.4	71.1	73.3	76.9	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
2000	71.6	74.5	76.9	80.9	81.2	82.1	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1800	72.7	75.3	78.3	82.3	82.9	83.6	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
1500	73.9	77.6	80.4	84.8	85.2	86.1	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
1200	74.8	79.2	82.3	87.0	87.4	89.1	89.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1000	75.3	80.2	84.0	88.8	89.2	91.1	91.6	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
900	75.3	80.3	84.1	88.9	89.3	91.5	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
800	75.5	80.3	84.1	89.1	89.4	91.7	92.5	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
700	75.5	80.3	84.1	89.4	89.8	92.5	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
600	75.5	80.4	84.3	90.4	90.8	93.9	95.0	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
500	75.8	80.7	84.6	90.6	91.0	94.9	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
400	75.8	80.7	84.6	90.6	91.0	94.9	96.5	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
300	75.8	80.7	84.6	90.6	91.0	94.9	96.5	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
200	75.8	80.7	84.6	90.6	91.0	94.9	96.5	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
100	75.8	80.7	84.6	90.6	91.0	94.9	96.5	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
0	75.8	80.7	84.6	90.8	91.1	95.0	96.6	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS

823

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

34074 SCHWAERISCH HALL AAF JL

16-75

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
0205 15

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	0	0
NO CEILING																
≥ 20000		34.4	34.9	36.6	38.6	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 18000		42.8	44.5	47.3	51.3	51.6	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000		43.3	45.0	47.7	51.9	52.1	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000		43.3	45.3	47.8	51.9	52.1	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 12000		43.6	45.4	46.4	52.6	52.7	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 10000		45.9	47.8	50.9	55.2	55.5	56.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 9000		47.4	49.5	52.5	56.5	57.2	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 8000		52.4	54.4	57.7	62.6	63.1	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 7000		53.6	55.8	59.1	64.2	64.5	65.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 6000		54.0	55.1	59.5	64.7	65.0	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 5000		55.3	57.7	61.1	66.4	66.7	67.6	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4500		56.3	58.8	62.2	67.9	68.4	69.3	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4000		58.3	61.2	64.7	71.0	71.5	72.6	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500		59.7	62.6	66.0	72.4	72.9	74.0	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000		62.8	65.9	69.9	76.3	76.7	77.8	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2500		65.1	68.2	72.7	79.8	80.3	81.9	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000		66.7	70.2	74.7	82.3	83.1	85.0	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800		66.8	70.5	75.0	82.9	83.6	85.4	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500		68.7	72.7	77.4	85.6	86.2	88.1	89.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200		69.3	73.5	78.3	86.7	87.3	89.5	90.7	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000		69.6	74.3	79.2	87.8	88.4	90.5	91.9	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900		69.6	74.3	79.2	87.9	88.7	90.9	93.0	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800		69.6	74.3	79.2	88.1	88.8	91.3	93.5	93.6	94.0	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700		69.6	74.3	79.2	88.4	89.1	92.4	95.2	95.3	95.7	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600		69.6	74.3	79.2	88.7	89.5	92.7	95.8	96.1	96.6	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500		69.6	74.3	79.2	88.7	89.5	92.9	96.7	97.4	97.8	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400		69.6	74.3	79.2	88.7	89.5	92.9	96.9	97.7	98.4	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300		69.6	74.3	79.2	88.7	89.5	92.9	96.9	97.7	98.4	98.9	99.1	99.2	99.2	99.2	99.2
≥ 200		69.6	74.3	79.2	88.7	89.5	92.9	96.9	97.7	98.4	98.9	99.1	99.2	99.4	99.8	100.0
≥ 100		69.8	74.4	79.4	88.8	89.6	93.0	97.1	97.8	98.6	99.1	99.2	99.4	99.8	100.0	100.0
≥ 0		69.8	74.4	79.4	88.8	89.6	93.0	97.1	97.8	98.6	99.1	99.2	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

645

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHRAERISCH HALL AAF DL

77-73

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000		35.9	38.9	39.9	41.7	41.7	44.4	44.4	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000		52.9	52.8	52.9	55.0	55.6	58.3	58.3	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000		55.6	55.6	55.6	58.3	58.3	61.1	61.1	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000		55.6	55.6	55.6	58.3	58.3	61.1	61.1	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000		61.1	63.9	63.9	66.7	66.7	69.4	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000		61.1	63.9	63.9	66.7	66.7	69.4	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000		69.4	72.2	72.2	75.0	75.0	77.8	77.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000		69.4	72.2	72.2	75.0	75.0	77.8	77.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000		69.4	72.2	72.2	75.0	75.0	77.8	77.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500		75.0	77.8	77.8	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000		77.8	80.6	80.6	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500		77.8	80.6	80.6	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000		77.8	80.6	80.6	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500		77.8	80.6	80.6	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 700		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 500		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 400		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 300		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 200		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 100		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 0		80.6	83.3	83.3	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7

TOTAL NUMBER OF OBSERVATIONS

36

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

34074 SCHWAEPISCH HALL AAF DL

E-73

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .15	≥ .1	≥ 0	
NO CEILING		25.1	27.9	29.4	31.3	32.0	32.9	33.4	33.5	33.9	34.1	34.7	34.1	34.2	34.5	34.5
≥ 20000		32.7	35.2	37.7	40.9	41.1	42.2	42.9	43.0	43.4	43.5	43.5	43.6	43.7	43.8	43.9
≥ 18000		32.4	35.7	38.2	41.4	41.6	42.7	43.4	43.5	43.9	44.1	44.7	44.1	44.2	44.3	44.3
≥ 16000		33.5	35.7	38.2	41.4	41.6	42.7	43.4	43.5	43.9	44.1	44.7	44.1	44.2	44.3	44.3
≥ 14000		33.7	35.9	38.4	41.8	41.9	43.0	43.7	43.8	44.2	44.3	44.3	44.3	44.4	44.5	44.5
≥ 12000		34.3	36.5	39.1	42.4	42.6	43.7	44.4	44.6	45.0	45.1	45.1	45.2	45.3	45.4	45.4
≥ 10000		35.3	38.5	41.1	44.7	44.9	45.1	46.9	47.0	47.4	47.5	47.5	47.7	47.8	47.9	47.9
≥ 9000		37.7	40.1	42.7	46.4	46.7	47.0	48.8	48.9	49.3	49.4	49.5	49.6	49.7	49.8	49.8
≥ 8000		40.5	43.1	45.9	49.3	50.2	51.0	52.4	52.6	53.0	53.1	53.1	53.3	53.4	53.5	53.5
≥ 7000		41.9	44.6	47.4	51.5	51.8	52.4	54.2	54.3	55.0	55.1	55.1	55.2	55.4	55.5	55.5
≥ 6000		42.5	45.2	48.2	52.3	52.6	54.3	55.2	55.3	56.0	56.1	56.2	56.3	56.4	56.5	56.5
≥ 5000		43.8	46.7	49.7	53.9	54.2	56.0	57.1	57.4	58.0	58.1	58.1	58.2	58.3	58.4	58.4
≥ 4500		44.5	47.7	50.7	55.1	55.5	57.4	58.5	58.9	59.4	59.5	59.6	59.7	59.8	59.9	59.9
≥ 4000		47.2	50.3	53.3	56.3	56.7	58.6	62.0	62.4	63.0	63.1	63.2	63.3	63.4	63.5	63.5
≥ 3500		49.3	52.6	55.6	60.8	61.2	63.3	64.7	65.1	65.7	65.8	65.9	66.1	66.2	66.3	66.3
≥ 3000		52.7	56.2	59.6	65.1	65.5	67.9	69.4	70.0	70.6	70.7	70.8	71.1	71.2	71.3	71.3
≥ 2500		55.4	59.1	62.6	68.5	69.0	71.6	73.2	73.8	74.4	74.6	74.7	74.9	75.1	75.2	75.3
≥ 2000		58.0	61.9	65.7	72.1	72.7	75.4	77.5	78.1	78.9	79.1	79.2	79.4	79.6	79.7	79.7
≥ 1800		59.5	62.9	66.9	73.4	73.9	76.8	78.9	79.6	80.4	80.5	80.5	80.9	81.1	81.2	81.3
≥ 1500		60.2	64.6	69.0	75.8	76.4	79.5	81.9	82.6	83.4	83.5	83.5	84.0	84.2	84.3	84.3
≥ 1200		61.6	66.4	71.1	78.3	78.9	82.4	85.1	85.9	86.8	87.0	87.3	87.6	87.7	87.8	87.8
≥ 1000		62.1	67.2	72.1	79.9	80.5	84.7	87.6	88.5	89.5	89.7	90.0	90.3	90.5	90.6	90.6
≥ 900		62.3	67.3	72.4	80.4	81.1	85.4	88.7	89.6	90.6	90.9	91.1	91.5	91.7	91.8	91.8
≥ 800		62.4	67.6	72.7	80.9	81.5	86.0	89.4	90.4	91.5	91.9	92.2	92.5	92.7	92.8	92.8
≥ 700		62.5	67.7	72.7	81.2	81.9	86.3	90.5	91.4	92.5	93.0	93.3	93.6	93.9	94.0	94.0
≥ 600		62.6	67.8	72.9	81.8	82.5	87.7	91.6	92.7	94.1	94.6	94.9	95.3	95.6	95.7	95.7
≥ 500		62.7	67.9	73.1	82.1	82.8	88.2	92.6	93.8	95.4	96.1	96.4	96.8	97.1	97.2	97.3
≥ 400		62.7	67.9	73.1	82.1	82.8	88.6	93.1	94.5	96.3	97.1	97.5	98.1	98.4	98.5	98.5
≥ 300		62.8	68.0	73.2	82.2	82.9	88.7	93.3	94.8	96.6	97.4	97.9	98.5	98.9	99.0	99.0
≥ 200		62.8	68.1	73.2	82.2	82.9	88.7	93.3	94.7	96.7	97.5	98.0	98.7	99.1	99.2	99.2
≥ 100		62.8	68.1	73.2	82.3	83.0	88.8	93.4	94.7	96.7	97.5	98.1	98.7	99.1	99.3	99.3
≥ 0		62.8	68.1	73.2	82.3	83.0	88.8	93.4	94.7	96.7	97.5	98.1	98.7	99.1	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

4055

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34074 SCHWABERISC HALL AAF DL

7/9/74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-050

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING		14.8	14.0	13.4	10.0	17.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 20000		14.8	14.0	16.4	10.0	13.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 15000		14.8	14.0	15.4	10.0	17.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000		14.8	14.0	16.4	10.0	13.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 7000		14.8	14.0	16.4	10.0	13.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 5000		14.8	14.0	16.4	10.0	13.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 4000		24.5	24.0	26.2	27.9	24.5	32.0	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 3000		24.6	27.9	31.1	32.0	31.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 2500		24.5	27.9	31.1	32.0	34.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 2000		24.6	27.9	31.1	32.0	34.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 1500		24.6	27.9	31.1	32.0	34.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 1000		24.6	27.9	31.1	32.0	34.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 800		24.6	27.9	31.1	32.0	34.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 600		24.6	27.9	31.1	32.0	34.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 400		24.6	27.9	31.1	32.0	34.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 300		24.6	27.9	31.1	32.0	34.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 200		24.6	27.9	31.1	32.0	34.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 100		24.6	27.9	31.1	32.0	34.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 0		24.6	27.9	31.1	32.0	34.4	37.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3

TOTAL NUMBER OF OBSERVATIONS

01

GLOBAL CLIMATELOGY DIVISION
 USAF-ETAC
 AIR WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

34074 SULLY AIRFIELD HALL AFB TX

3-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≤ 20000	27.4	31.3	32.4	33.9	35.3	37.3	37.9	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
W/ V 15000	33.5	36.4	37.5	41.3	42.7	43.3	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
W/ V 14000	33.5	36.4	37.5	41.3	42.7	43.3	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
W/ V 12000	34.2	37.1	38.2	42.3	42.8	43.8	44.6	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
W/ V 10000	35.4	38.8	40.1	44.3	44.6	45.2	46.9	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
W/ V 9000	37.5	40.7	42.7	46.4	46.5	47.1	48.9	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
W/ V 8000	41.7	44.8	46.2	51.3	51.4	52.0	53.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
W/ V 7000	42.3	45.7	47.5	53.1	53.2	53.8	56.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
W/ V 6000	43.8	47.2	49.1	54.8	54.9	55.5	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
W/ V 5000	44.5	47.9	50.1	55.7	55.8	56.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
W/ V 4500	45.4	48.7	51.1	56.7	56.8	57.3	59.5	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
W/ V 4300	47.5	50.9	52.9	59.2	59.3	59.8	62.4	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
W/ V 3500	47.4	52.0	54.5	60.4	60.5	61.0	63.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
W/ V 3000	50.8	54.5	57.5	63.4	63.5	64.0	66.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
W/ V 2500	52.4	56.7	59.7	65.7	65.8	66.3	67.8	69.2	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
W/ V 2000	55.7	59.8	64.2	70.5	70.6	71.1	72.7	74.2	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
W/ V 1800	57.2	61.3	64.7	71.0	71.1	71.6	74.7	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
W/ V 1500	58.7	62.9	66.5	73.4	73.5	74.0	77.8	78.9	79.1	79.3	79.4	79.5	79.5	79.5	79.5	79.5
W/ V 1200	59.1	64.9	68.2	75.1	75.4	75.9	79.5	81.9	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5
W/ V 1000	61.3	66.9	70.2	77.2	77.6	78.1	81.3	84.7	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
W/ V 900	61.9	67.0	70.4	77.9	78.3	78.8	81.3	84.5	85.9	86.6	86.7	86.8	86.8	86.8	86.8	86.8
W/ V 800	62.7	68.0	71.7	79.3	79.6	80.1	82.8	87.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
W/ V 700	62.8	68.2	72.4	79.9	80.3	80.8	83.1	89.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
W/ V 600	62.8	68.0	72.9	80.7	81.2	81.7	83.3	89.7	91.2	92.3	92.7	92.8	92.8	92.8	92.8	92.8
W/ V 500	62.8	68.0	72.9	80.7	81.2	81.7	83.3	89.7	91.2	92.3	92.7	92.8	92.8	92.8	92.8	92.8
W/ V 400	62.8	68.6	72.9	80.7	81.2	81.7	83.4	90.1	92.5	93.8	94.6	94.6	94.6	94.6	94.6	94.6
W/ V 300	62.8	68.6	72.9	80.7	81.2	81.7	83.4	90.6	93.0	94.7	95.2	95.3	95.3	95.3	95.3	95.3
W/ V 200	62.8	68.6	72.9	80.7	81.2	81.7	83.4	90.6	93.0	94.8	95.4	95.4	95.4	95.4	95.4	95.4
W/ V 100	62.9	68.7	73.0	80.8	81.3	81.8	83.5	90.7	93.1	95.0	95.5	95.5	95.5	95.5	95.5	95.5
W/ V 0	62.9	68.7	73.1	80.8	81.3	81.8	83.5	90.7	93.1	95.0	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

746

GLOBAL CLIMATE DATA CENTER
 USARPAC
 AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

34074 SUBAERIAL HALL AFB 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1967-110

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO FILING	37.2	34.0	32.0	31.0	30.7	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 20000	38.6	39.0	41.0	44.0	44.3	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 15000	37.7	39.7	42.0	44.0	44.7	44.5	45.3	45.3	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6
≥ 10000	37.9	39.7	42.1	44.9	44.9	44.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 4000	38.4	40.0	42.0	45.7	45.7	45.0	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 2000	39.4	40.0	42.9	45.7	45.7	44.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1000	41.1	42.0	44.0	47.0	47.0	46.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 900	43.5	44.0	47.2	50.2	50.2	49.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 800	45.0	46.0	49.7	54.2	54.2	53.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 700	45.6	49.0	52.5	56.2	56.2	54.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 600	47.0	50.0	53.0	57.2	57.2	55.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 500	47.6	51.7	54.5	58.2	58.2	56.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 450	51.0	53.7	56.1	60.0	60.0	58.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 400	52.0	54.1	57.4	61.0	61.0	59.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 350	55.1	55.0	58.0	62.0	62.0	60.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 300	56.5	57.0	61.3	65.3	65.3	63.3	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 250	58.7	59.0	64.0	68.2	68.2	66.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 200	63.1	64.0	68.0	73.2	73.2	71.7	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1800	63.0	65.0	69.7	74.2	74.2	72.0	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1500	66.7	70.0	74.3	79.1	79.1	77.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1200	71.2	73.0	77.7	82.9	82.9	81.1	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1000	72.8	75.3	79.9	85.9	85.9	84.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 900	73.5	76.0	80.0	86.9	86.9	85.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 800	74.7	76.7	81.5	87.8	87.8	86.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 700	74.5	77.2	82.1	89.0	89.0	87.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 600	74.7	77.5	82.5	89.7	89.7	88.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 500	74.7	77.5	82.9	89.0	89.0	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 400	74.7	77.5	82.9	89.0	89.0	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 300	74.7	77.5	82.9	89.0	89.0	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 200	74.7	77.5	82.9	89.0	89.0	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 100	74.7	77.5	82.9	89.0	89.0	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 0	74.7	77.5	82.9	89.0	89.0	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0

TOTAL NUMBER OF OBSERVATIONS

795

GLOBAL CLIMATE DATA CENTER
 USAF ETAC
 AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

34074 50-28150 - ALL WEATHER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HEIGHT FEET	VISIBILITY STATUTE MILES																
	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	
NO CEILING	37.7	32.7	33.4	33.4	37.4	3.4	33.3	33.3	37.4	3.1	33.1	3.1	33.1	3.1	33.1	3.1	33.1
2 20000	41.4	41.3	42.2	42.2	42.4	4.8	42.7	42.7	42.7	4.2	42.7	4.2	42.7	4.2	42.7	4.2	42.7
2 18000	41.4	41.7	42.4	42.4	42.7	4.7	42.7	42.7	42.7	4.2	42.7	4.2	42.7	4.2	42.7	4.2	42.7
2 16000	41.4	41.7	42.4	42.4	42.7	4.7	42.7	42.7	42.7	4.2	42.7	4.2	42.7	4.2	42.7	4.2	42.7
2 14000	41.4	41.3	42.2	42.2	42.4	4.8	42.7	42.7	42.7	4.2	42.7	4.2	42.7	4.2	42.7	4.2	42.7
2 12000	42.3	42.4	43.1	43.1	43.5	6.3	43.5	43.5	43.5	5.3	43.5	5.3	43.5	5.3	43.5	5.3	43.5
2 10000	44.5	44.5	45.3	45.7	47.7	8.7	45.7	45.7	45.7	7.7	45.7	7.7	45.7	7.7	45.7	7.7	45.7
2 9000	45.4	45.7	46.5	46.5	47.9	9.3	46.9	46.9	46.9	8.3	46.9	8.3	46.9	8.3	46.9	8.3	46.9
2 8000	47.1	47.2	47.7	47.7	49.4	9.4	49.4	49.4	49.4	8.4	49.4	8.4	49.4	8.4	49.4	8.4	49.4
2 7000	50.4	50.5	51.1	51.1	51.9	9.3	52.1	52.0	52.0	8.1	52.1	8.1	52.1	8.1	52.1	8.1	52.1
2 6000	51.3	51.3	52.3	52.3	53.3	9.2	53.1	53.0	53.0	8.0	53.1	8.0	53.1	8.0	53.1	8.0	53.1
2 5000	53.1	53.4	54.4	55.1	55.9	9.2	55.2	55.2	55.2	8.2	55.2	8.2	55.2	8.2	55.2	8.2	55.2
2 4500	54.7	55.0	55.9	56.1	56.9	9.3	56.9	56.9	56.9	8.3	56.9	8.3	56.9	8.3	56.9	8.3	56.9
2 4000	57.2	56.2	59.4	60.4	61.2	9.3	60.3	60.3	60.3	8.3	60.3	8.3	60.3	8.3	60.3	8.3	60.3
2 3500	57.5	58.2	64.3	65.7	65.7	10.1	65.1	65.1	65.1	9.1	65.1	9.1	65.1	9.1	65.1	9.1	65.1
2 3000	57.1	58.0	70.7	71.3	72.3	10.2	72.2	72.2	72.2	9.2	72.2	9.2	72.2	9.2	72.2	9.2	72.2
2 2500	72.1	73.4	75.1	77.2	77.3	10.3	77.3	77.3	77.3	9.3	77.3	9.3	77.3	9.3	77.3	9.3	77.3
2 2000	72.1	73.0	81.7	82.7	83.7	10.1	83.1	83.1	83.1	9.1	83.1	9.1	83.1	9.1	83.1	9.1	83.1
2 1800	75.1	79.0	82.7	83.3	84.3	10.2	84.3	84.3	84.3	9.2	84.3	9.2	84.3	9.2	84.3	9.2	84.3
2 1500	81.4	84.1	87.7	89.3	89.3	10.2	90.2	90.2	90.2	9.2	90.2	9.2	90.2	9.2	90.2	9.2	90.2
2 1200	85.3	85.4	88.3	91.3	92.1	10.6	92.0	92.0	92.0	9.6	92.0	9.6	92.0	9.6	92.0	9.6	92.0
2 1000	85.3	86.9	90.2	93.0	94.0	10.6	94.0	94.0	94.0	9.6	94.0	9.6	94.0	9.6	94.0	9.6	94.0
2 900	84.1	87.3	90.7	94.0	94.3	10.2	95.2	95.2	95.2	9.2	95.2	9.2	95.2	9.2	95.2	9.2	95.2
2 800	84.5	87.7	90.9	94.3	94.7	10.7	95.7	95.8	95.8	9.7	95.8	9.7	95.8	9.7	95.8	9.7	95.8
2 700	87.7	88.2	91.4	94.3	95.2	10.0	95.7	97.1	97.0	9.0	97.0	9.0	97.0	9.0	97.0	9.0	97.0
2 600	87.2	88.5	91.9	95.3	95.7	10.4	97.5	97.9	97.9	9.4	97.9	9.4	97.9	9.4	97.9	9.4	97.9
2 500	87.5	89.0	92.7	95.1	94.8	10.2	98.4	98.7	98.7	9.2	98.7	9.2	98.7	9.2	98.7	9.2	98.7
2 400	87.5	89.0	92.7	95.1	95.3	10.2	98.4	98.7	98.7	9.2	98.7	9.2	98.7	9.2	98.7	9.2	98.7
2 300	87.4	89.0	92.7	95.1	95.5	10.2	98.4	98.7	98.7	9.2	98.7	9.2	98.7	9.2	98.7	9.2	98.7
2 200	87.5	89.0	92.7	95.1	95.5	10.2	98.4	98.7	98.7	9.2	98.7	9.2	98.7	9.2	98.7	9.2	98.7
2 100	87.7	89.2	92.5	95.2	94.4	10.4	98.5	98.9	98.8	9.4	98.9	9.4	98.9	9.4	98.9	9.4	98.9
2 0	87.7	89.2	92.5	95.2	94.4	10.4	98.5	98.9	98.8	9.4	98.9	9.4	98.9	9.4	98.9	9.4	98.9

TOTAL NUMBER OF OBSERVATIONS

704

GLOBAL INTELLIGENCE
 USAF ETAC
 AIR MATRER SERVICE/AC

CEILING VERSUS VISIBILITY

34074 SQW ABPISC WALL AAF JL

1-7

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1974-171

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 20000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 18000	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
IV 16000	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
IV 14000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 12000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 10000	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 9000	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
IV 8000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 7000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 6000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 5000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 4500	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 4000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 3500	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 3000	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
IV 2500	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 2000	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
IV 1800	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1500	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1200	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 800	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 700	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 600	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 400	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 300	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 200	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 100	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1

TOTAL NUMBER OF OBSERVATIONS

794

6100 L CLIMATELOGY
 USAF-ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34074 SCW A 21 1971 FALL 24 L

7-7

TEAS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	42.4	43.5	43.7	43.1	42.2	41.8	41.8	44.1	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	54.1	54.2	54.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 18000	54.7	54.8	55.1	55.1	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 16000	54.7	54.8	55.1	55.1	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 14000	55.7	56.0	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 12000	56.2	57.2	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 10000	59.2	60.2	60.4	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IV 9000	61.5	61.7	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 8000	67.2	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 7000	70.2	70.6	71.1	71.2	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 6000	71.2	72.1	72.5	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 5000	74.2	74.5	75.2	75.3	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 4500	75.2	75.0	76.2	77.0	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 4000	77.5	78.3	78.9	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 3500	80.4	80.7	81.4	83.0	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 3000	82.5	83.0	83.9	85.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2500	84.2	84.5	85.5	87.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2000	85.2	86.4	87.3	89.3	89.3	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1800	85.2	86.0	87.5	89.0	89.0	89.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1500	87.0	87.7	88.6	91.1	91.4	92.0	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1200	87.0	88.4	89.3	91.9	92.2	92.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000	89.1	88.9	89.9	92.6	92.9	92.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 900	89.5	89.3	90.4	93.1	93.4	93.4	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 800	89.5	89.5	91.0	94.0	94.3	94.6	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	89.7	89.7	91.1	94.1	94.4	94.1	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	89.0	89.9	91.4	94.4	94.7	94.4	98.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	89.2	90.1	91.5	94.0	94.9	94.7	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	89.2	90.1	91.6	94.0	94.9	94.7	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	89.2	90.1	91.5	94.0	94.9	94.7	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	89.2	90.1	91.5	94.0	94.9	94.7	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	89.2	90.1	91.5	94.0	94.9	94.7	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	89.2	90.1	91.5	94.0	94.9	94.7	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 664

GLOBAL CLIMATOLOGY DATA
 USAF ETAC
 AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

3407- SCARLETSO - HALL AAF DE

1977-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

210-220

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥0
NO CEILING	54.2	54.3	55.5	56.5	57.1	57.7	58.0	58.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥20000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥18000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥16000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥14000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥12000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥10000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥9000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥8000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥7000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥6000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥5000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥4500	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥4000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥3500	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥3000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥2500	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥2000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥1800	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥1500	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥1200	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥1000	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥900	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥800	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥700	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥600	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥500	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥400	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥300	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥200	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥100	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥0	55.4	55.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1

TOTAL NUMBER OF OBSERVATIONS

51

GLOBAL CLIMATE LOG
 USAF-TAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34074 SUNNYVALE ILS TALL AAF IL

-7-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	34.5	35.2	36.1	37.0	37.5	37.8	37.9	38.0	38.3	38.6	38.9	39.1	39.2	39.3	39.4
≥ 2000	42.2	43.1	43.9	44.5	45.5	45.5	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1800	42.5	43.3	44.2	45.1	45.8	45.8	46.4	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 1600	42.5	43.3	44.2	45.1	45.8	45.8	46.4	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 1400	42.9	43.7	44.5	45.2	45.8	45.8	46.9	47.3	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 1200	43.5	44.4	45.3	47.1	47.7	47.7	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 1000	45.4	46.7	47.7	49.4	49.4	49.9	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 900	47.4	48.5	49.5	51.2	51.2	51.8	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 800	52.9	52.9	54.7	55.7	55.7	55.5	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 700	53.9	54.9	56.1	56.3	56.4	56.3	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	55.0	56.2	57.4	59.0	59.7	59.3	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 500	56.5	57.7	59.1	61.4	61.5	61.1	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 4500	57.7	58.9	60.4	62.0	62.7	62.6	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4000	61.7	61.2	62.8	65.5	65.5	65.1	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 3500	63.7	64.3	66.1	68.7	68.7	68.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	66.4	67.0	69.5	72.3	72.7	72.5	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2500	68.3	70.0	72.4	75.0	75.0	74.8	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	73.7	74.7	77.1	80.6	80.6	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1800	73.7	75.3	77.7	81.1	81.3	82.2	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1500	76.5	78.3	80.9	84.7	84.9	85.1	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	79.0	80.0	82.7	86.6	86.9	87.4	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	79.0	81.1	84.1	86.4	86.3	87.4	91.4	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 900	79.4	81.6	84.5	89.0	88.4	89.1	92.3	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	79.9	82.2	85.2	90.0	89.3	89.3	93.6	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	80.2	82.3	85.7	90.3	89.8	89.1	94.6	95.1	95.6	95.7	95.8	95.8	95.8	95.8	95.8
≥ 600	80.3	82.7	86.2	91.1	91.4	91.3	95.6	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	80.4	82.9	86.5	91.4	91.7	91.3	95.1	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	80.5	83.0	86.5	91.4	91.5	91.4	96.3	97.2	98.0	98.1	98.2	98.2	98.2	98.2	98.2
≥ 300	80.5	83.0	86.5	91.4	91.8	91.4	96.4	97.2	98.0	98.2	98.3	98.3	98.3	98.3	98.3
≥ 200	80.5	83.0	86.5	91.4	91.8	91.4	96.4	97.2	98.0	98.2	98.3	98.3	98.3	98.3	98.3
≥ 100	80.5	83.0	86.5	91.5	91.8	91.5	96.4	97.3	98.1	98.3	98.4	98.4	98.4	98.4	98.4
≥ 0	80.5	83.0	86.5	91.5	91.8	91.5	96.4	97.3	98.1	98.3	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 2205

WORLD CLIMATE DATA
 USAF-TAG
 AIR MATTER SERVICE

CEILING VERSUS VISIBILITY

34074 SCHAFFERS HALL AFB TX

197

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

197-0001

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.025	≥.01	
NO CEILING	31.7	31.7	34.5	34.5	36.5	36.5	37.5	38.1	38.1	38.7	39.7	39.7	41.3	41.3	41.3	41.3	41.3
≥ 20000	31.7	33.3	36.5	36.5	37.5	37.5	38.1	38.1	38.7	39.7	39.7	41.3	41.3	41.3	41.3	41.3	41.3
16000	31.7	33.3	36.5	36.5	37.5	37.5	38.1	38.1	38.7	39.7	39.7	41.3	41.3	41.3	41.3	41.3	41.3
14000	31.7	33.3	36.5	36.5	37.5	37.5	38.1	38.1	38.7	39.7	39.7	41.3	41.3	41.3	41.3	41.3	41.3
12000	31.7	33.3	36.5	36.5	37.5	37.5	38.1	38.1	38.7	39.7	39.7	41.3	41.3	41.3	41.3	41.3	41.3
10000	37.5	38.1	41.3	41.3	41.3	41.3	42.9	42.9	44.4	44.4	44.4	46.0	46.0	46.0	46.0	46.0	46.0
9000	37.5	38.1	41.3	41.3	41.3	41.3	42.9	42.9	44.4	44.4	44.4	46.0	46.0	46.0	46.0	46.0	46.0
8000	37.5	38.1	41.3	41.3	41.3	41.3	42.9	42.9	44.4	44.4	44.4	46.0	46.0	46.0	46.0	46.0	46.0
7000	37.5	38.1	41.3	41.3	41.3	41.3	42.9	42.9	44.4	44.4	44.4	46.0	46.0	46.0	46.0	46.0	46.0
6000	42.9	44.4	47.6	47.6	47.6	47.6	49.2	49.2	50.8	50.8	50.8	52.4	52.4	52.4	52.4	52.4	52.4
5000	42.9	44.4	47.6	47.6	47.6	47.6	49.2	49.2	50.8	50.8	50.8	52.4	52.4	52.4	52.4	52.4	52.4
4500	42.9	44.4	47.6	47.6	47.6	47.6	49.2	49.2	50.8	50.8	50.8	52.4	52.4	52.4	52.4	52.4	52.4
4000	42.9	44.4	47.6	47.6	47.6	47.6	49.2	49.2	50.8	50.8	50.8	52.4	52.4	52.4	52.4	52.4	52.4
3500	47.6	52.4	57.1	57.1	57.1	57.1	58.7	58.7	59.3	59.3	59.3	60.9	60.9	60.9	60.9	60.9	60.9
3000	47.6	52.4	57.1	57.1	57.1	57.1	58.7	58.7	59.3	59.3	59.3	60.9	60.9	60.9	60.9	60.9	60.9
2500	52.4	55.6	60.9	60.9	60.9	60.9	62.5	62.5	63.1	63.1	63.1	64.7	64.7	64.7	64.7	64.7	64.7
2000	52.4	55.6	60.9	60.9	60.9	60.9	62.5	62.5	63.1	63.1	63.1	64.7	64.7	64.7	64.7	64.7	64.7
1800	52.4	55.6	60.9	60.9	60.9	60.9	62.5	62.5	63.1	63.1	63.1	64.7	64.7	64.7	64.7	64.7	64.7
1500	52.4	55.6	60.9	60.9	60.9	60.9	62.5	62.5	63.1	63.1	63.1	64.7	64.7	64.7	64.7	64.7	64.7
1200	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8
1000	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8
900	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8
800	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8
700	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8
600	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8
500	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8
400	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8
300	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8
200	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8
100	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8
0	57.1	63.1	73.0	73.0	73.0	73.0	74.6	74.6	75.2	75.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8

TOTAL NUMBER OF OBSERVATIONS

63

GLOBAL CLIMATE DATA
 USAF-ETAC
 AIR WEATHER SERVICE HQ

CEILING VERSUS VISIBILITY

34074 SOUTHERN HALL AFB TX

0-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	24.2	27.0	28.4	30.0	31.6	31.0	31.5	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000	32.1	35.4	37.0	40.0	41.3	41.9	41.5	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 18000	32.6	36.9	38.4	40.7	41.9	42.2	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000	32.6	36.9	38.4	40.7	41.9	42.2	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	34.0	37.5	38.8	41.1	41.8	41.9	42.5	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 12000	34.4	37.9	39.2	42.0	42.3	42.3	43.5	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 10000	34.4	39.0	41.0	44.0	45.0	45.0	46.3	46.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 9000	39.4	42.3	45.4	45.4	47.6	47.6	50.1	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 8000	42.9	47.0	50.4	53.5	53.9	55.7	55.8	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 7000	44.7	50.4	53.7	56.5	57.3	59.2	59.2	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 6000	49.4	52.7	55.3	59.0	59.2	61.6	62.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 5000	51.1	53.5	57.4	52.0	52.6	54.1	55.0	65.5	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500	52.2	56.1	60.1	64.2	64.6	66.0	67.0	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4000	55.7	59.0	63.2	67.3	67.2	68.8	71.0	71.5	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	57.4	62.2	65.7	70.0	71.5	72.5	73.8	74.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3000	58.8	63.9	67.1	73.0	73.4	74.1	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2500	58.7	64.8	66.7	74.5	74.8	75.7	78.1	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2000	62.3	65.5	69.4	75.5	74.0	75.4	79.9	80.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1800	65.7	66.2	71.0	76.2	74.7	75.1	80.6	81.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	62.3	67.9	71.4	73.2	75.7	81.1	82.7	83.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	63.6	69.2	73.3	80.5	81.0	81.5	85.3	86.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	64.1	69.9	74.1	81.5	82.2	82.0	86.9	87.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	64.7	70.5	74.9	82.2	83.0	83.7	87.7	88.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 800	64.0	70.3	75.1	82.7	83.5	84.2	88.2	89.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	65.4	71.5	76.1	83.6	84.6	85.6	89.7	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	66.2	72.3	76.9	85.2	85.9	86.2	91.4	92.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 500	66.2	72.3	76.9	85.2	85.9	86.3	92.0	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 400	66.3	72.4	77.0	85.5	86.1	86.4	92.5	93.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 300	66.3	72.4	77.0	85.5	86.1	86.4	92.5	93.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 200	66.3	72.4	77.0	85.5	86.1	86.4	92.5	93.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 100	66.3	72.4	77.0	85.5	86.1	86.4	92.5	93.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 0	66.3	72.4	77.0	85.5	86.1	86.4	92.5	93.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS 304

GLOBAL CLIMATE DATA
 USAF-ETAC
 AIR SUPPORT SERVICES/DC

CEILING VERSUS VISIBILITY

3407- SUR:ADMISU -ALL AIR FL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES													
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4
NO CEILING	34.0	34.0	33.1	33.1	32.7	32.7	32.2	31.9	31.9	31.6	31.6	31.2	31.2	30.8
≥ 20000	41.6	42.3	43.7	44.0	44.0	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	41.0	42.7	43.2	44.2	44.2	44.2	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
≥ 16000	41.0	42.7	43.2	44.2	44.2	44.2	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
≥ 14000	41.0	42.7	43.2	44.2	44.2	44.2	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
≥ 12000	44.0	45.2	45.7	46.7	46.7	46.7	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2
≥ 10000	47.0	47.4	50.4	51.4	51.4	51.4	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 9000	51.0	51.9	52.3	54.1	54.1	54.1	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 8000	52.1	53.7	57.1	58.0	58.0	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 7000	52.1	53.7	57.1	58.0	58.0	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 6000	57.1	58.0	62.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 5000	62.7	64.2	65.6	67.4	67.4	67.4	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4500	65.0	67.7	69.1	71.2	71.2	71.2	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4000	65.0	67.7	69.1	71.2	71.2	71.2	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500	67.0	70.1	71.5	73.5	73.5	73.5	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3000	71.4	73.7	75.3	77.5	77.5	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500	73.7	76.2	77.7	80.3	80.3	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	76.2	78.9	80.3	83.2	83.2	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	77.7	79.8	81.4	84.2	84.2	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500	77.7	79.8	81.4	84.2	84.2	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200	82.0	85.2	87.2	91.3	91.3	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	82.7	85.0	87.5	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	83.7	85.0	87.5	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	83.7	85.0	87.5	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 700	83.7	85.0	87.5	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	84.1	87.4	89.3	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500	84.1	87.4	89.3	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	84.1	87.4	89.3	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 300	84.1	87.4	89.3	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 200	84.1	87.4	89.3	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 100	84.1	87.4	89.3	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 0	84.1	87.4	89.3	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3

TOTAL NUMBER OF OBSERVATIONS

GENERAL OPERATIONAL DATA
 USAF TAC
 AIR WEATHER SERVICE AT

CEILING VERSUS VISIBILITY

84010 SUMMITTSVILLE TAF

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	52.5	43.3	33.7	30.0	32.5	21.3	33.5	33.6	37.6	43.6	45.3	37.4	33.3	37.4	31.7	33.7
IV 18000	45.2	40.3	40.3	40.4	44.4	41.4	40.4	40.4	44.4	40.4	40.4	44.4	40.4	44.4	40.4	41.4
IV 16000	44.3	40.3	40.3	40.4	44.4	41.4	40.4	40.4	44.4	40.4	40.4	44.4	40.4	44.4	40.4	41.4
IV 14000	44.3	40.3	40.3	40.4	44.4	41.4	40.4	40.4	44.4	40.4	40.4	44.4	40.4	44.4	40.4	41.4
IV 12000	44.3	40.3	40.3	40.4	44.4	41.4	40.4	40.4	44.4	40.4	40.4	44.4	40.4	44.4	40.4	41.4
IV 10000	40.3	49.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 9000	51.4	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
IV 8000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 7000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 6000	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
IV 5000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 4500	62.7	64.4	64.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 4000	67.5	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 3500	70.0	71.0	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 3000	77.0	78.0	79.1	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 2500	81.5	82.0	84.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 2000	84.3	86.0	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1800	84.3	86.0	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1500	87.5	89.4	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1200	89.4	90.0	92.5	94.2	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1000	90.0	91.2	93.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 900	90.1	91.2	93.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 800	90.1	91.4	93.4	96.2	96.4	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 700	90.5	92.0	94.7	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
IV 600	90.5	92.0	94.7	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
IV 500	90.5	92.0	94.7	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
IV 400	90.5	92.0	94.7	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
IV 300	90.5	92.0	94.7	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
IV 200	90.5	92.0	94.7	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
IV 100	90.5	92.0	94.7	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
IV 0	90.5	92.0	94.7	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

810

1
 GLOBE CLIMATE DATA
 USAF-740
 AIR DATA SERVICE/140

CEILING VERSUS VISIBILITY

34074 SCHALES 1901 ALL WEATHER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

150-270

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	37.7	33.2	30.7	28.2	27.2	27.0	25.2	23.5	23.3	23.2	23.2	22.7	23.2	22.7	23.2
≥ 20000	40.5	40.7	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 15000	47.5	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 10000	47.9	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 5000	47.9	49.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 3000	54.2	55.0	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 2000	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1500	57.9	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1000	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 500	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 300	75.5	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
≥ 200	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 150	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 100	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 50	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 30	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 20	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 15	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 10	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0

TOTAL NUMBER OF OBSERVATIONS

27

3474
 50-4215
 10-14-5 (OL A)

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1964-4-1

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO TESTING	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥20000	57.2	57.7	57.9	58.2	58.7	59.2	59.7	60.2	60.7	61.2	61.7	62.2	62.7	63.2	63.7	64.2
≥18000	57.2	57.7	57.9	58.2	58.7	59.2	59.7	60.2	60.7	61.2	61.7	62.2	62.7	63.2	63.7	64.2
≥16000	57.2	57.7	57.9	58.2	58.7	59.2	59.7	60.2	60.7	61.2	61.7	62.2	62.7	63.2	63.7	64.2
≥14000	57.2	57.7	57.9	58.2	58.7	59.2	59.7	60.2	60.7	61.2	61.7	62.2	62.7	63.2	63.7	64.2
≥12000	57.2	57.7	57.9	58.2	58.7	59.2	59.7	60.2	60.7	61.2	61.7	62.2	62.7	63.2	63.7	64.2
≥10000	57.2	57.7	57.9	58.2	58.7	59.2	59.7	60.2	60.7	61.2	61.7	62.2	62.7	63.2	63.7	64.2
≥9000	57.2	57.7	57.9	58.2	58.7	59.2	59.7	60.2	60.7	61.2	61.7	62.2	62.7	63.2	63.7	64.2
≥8000	57.2	57.7	57.9	58.2	58.7	59.2	59.7	60.2	60.7	61.2	61.7	62.2	62.7	63.2	63.7	64.2
≥7000	57.2	57.7	57.9	58.2	58.7	59.2	59.7	60.2	60.7	61.2	61.7	62.2	62.7	63.2	63.7	64.2
≥6000	71.1	71.5	72.1	72.7	73.3	73.9	74.5	75.1	75.7	76.3	76.9	77.5	78.1	78.7	79.3	79.9
≥5000	72.0	73.4	73.9	74.2	74.5	74.8	75.1	75.4	75.7	76.0	76.3	76.6	76.9	77.2	77.5	77.8
≥4500	75.0	75.4	76.2	77.0	77.5	77.9	78.3	78.7	79.1	79.5	79.9	80.3	80.7	81.1	81.5	81.9
≥4000	75.0	75.4	76.2	77.0	77.5	77.9	78.3	78.7	79.1	79.5	79.9	80.3	80.7	81.1	81.5	81.9
≥3500	75.0	75.4	76.2	77.0	77.5	77.9	78.3	78.7	79.1	79.5	79.9	80.3	80.7	81.1	81.5	81.9
≥3000	75.0	75.4	76.2	77.0	77.5	77.9	78.3	78.7	79.1	79.5	79.9	80.3	80.7	81.1	81.5	81.9
≥2500	85.0	87.0	89.1	90.3	91.6	92.9	94.2	95.5	96.8	98.1	99.4	100.0	100.0	100.0	100.0	100.0
≥2000	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	87.0	88.4	89.9	91.2	92.5	93.8	95.1	96.4	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 602

1
 GLENN COLLEGE
 USAF ETAC
 AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

3407 SUMMER 1977-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21-22

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	37.7	37.7	37.7	40.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	37.7	37.7	37.7	40.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 15000	37.7	37.7	37.7	40.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000	37.7	37.7	37.7	40.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 12000	37.7	37.7	37.7	40.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
MV 10000	37.7	37.7	37.7	40.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 9000	37.7	37.7	37.7	40.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
MV 3000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 5000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 5500	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4500	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 3000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2500	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1800	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1500	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1200	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
MV 900	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 800	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 700	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 600	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
MV 500	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 400	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 300	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 200	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 100	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4

TOTAL NUMBER OF OBSERVATIONS

CLASSIFICATION
 USAF ETAC
 AIRCRAFT SERVICE/INT

CEILING VERSUS VISIBILITY

3407-1 S. A. C. 150-111-1-1

7-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	33.2	33.2	34.2	34.2	34.2	34.2	34.2	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 14500 W 15000	45.7	46.0	46.9	47.2	47.2	47.2	47.2	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
W 14500 W 12000	45.2	46.1	46.5	47.2	47.2	47.2	47.2	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
W 10000 W 9500	49.4	50.3	51.2	52.2	52.2	52.2	52.2	52.5	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
W 8500 W 7000	57.0	57.0	58.5	59.2	59.2	59.2	59.2	59.3	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.3
W 6000 A 5500	60.2	61.0	62.4	64.2	64.2	64.2	64.2	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4500 A 4000	64.4	66.1	67.4	68.6	68.6	68.6	68.6	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.4	70.7
≥ 3500 W 3000	70.6	72.1	73.6	75.3	75.3	75.3	75.3	75.6	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.2
W 2500 W 2000	74.2	76.2	78.0	80.1	80.2	80.2	80.2	81.4	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8
W 1800 W 1500	78.4	80.6	82.7	85.2	85.2	85.2	85.2	86.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
W 1250 W 1000	81.2	81.2	82.4	85.9	86.1	86.1	86.1	87.5	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
W 900 W 800	82.2	84.0	87.1	90.4	90.6	90.6	90.6	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
W 700 W 600	82.5	85.2	87.8	91.4	91.7	91.7	91.7	93.9	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
W 500 W 400	82.7	85.0	88.4	92.2	92.5	92.5	92.5	95.0	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7
W 300 W 200	82.7	86.2	89.2	93.2	93.6	93.6	93.6	96.4	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2
W 100 0	82.7	86.6	89.7	93.9	94.5	94.5	94.5	97.3	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

4036

1
 6000 LUMINANCE
 USARP-TAC
 AIR BATHING SERVICES, INC.

CEILING VERSUS VISIBILITY

3407- SOF AETISU - HALL 211 11

1977

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	22	21	21	21	20	20	20	20	20	20
NO CEILING	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
20000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 18000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 16000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 14000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 12000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 10000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 9000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 8000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 7000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 6000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 5000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 4500	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 4000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 3500	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 3000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 2500	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 2000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 1800	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 1500	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 1200	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 1000	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 900	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 800	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 700	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 600	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 500	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 400	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 300	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 200	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 100	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
N 0	57.0	59.4	42.4	45.0	47.0	51.5	51.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0

TOTAL NUMBER OF OBSERVATIONS

66

DEPT. OF COMMERCE
 USAF ETAC
 AIR CENTER REPORT 77-14

CEILING VERSUS VISIBILITY

4497- SURFACE REPORTING UNIT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES													
	2.0	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
NO 20000	37.7	34.7	27.9	41.1	41.3	41.9	43.4	43.7	44.3	44.3	44.7	44.4	44.5	44.4
18000	37.7	34.7	27.9	41.1	41.3	41.9	43.4	43.7	44.3	44.3	44.7	44.4	44.5	44.4
16000	37.7	34.7	27.9	41.1	41.3	41.9	43.4	43.7	44.3	44.3	44.7	44.4	44.5	44.4
14000	37.7	34.7	27.9	41.1	41.3	41.9	43.4	43.7	44.3	44.3	44.7	44.4	44.5	44.4
12000	37.7	34.7	27.9	41.1	41.3	41.9	43.4	43.7	44.3	44.3	44.7	44.4	44.5	44.4
10000	41.7	44.0	45.4	49.1	51.7	51.9	52.8	52.7	53.3	53.3	53.7	53.5	53.7	53.6
9000	43.7	44.0	45.4	49.1	51.7	51.9	52.8	52.7	53.3	53.3	53.7	53.5	53.7	53.6
8000	47.4	48.4	52.7	55.1	57.4	57.4	59.3	59.3	61.9	61.9	61.9	61.9	61.9	61.9
7000	47.4	50.1	53.7	56.1	58.4	58.4	61.9	61.9	64.5	64.5	64.5	64.5	64.5	64.5
6000	47.4	51.1	54.7	59.1	59.1	61.9	61.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
5000	47.4	52.1	55.4	60.1	61.4	61.4	64.5	64.5	67.1	67.1	67.1	67.1	67.1	67.1
4500	47.4	52.1	55.7	60.1	61.4	61.4	64.5	64.5	67.1	67.1	67.1	67.1	67.1	67.1
4000	47.4	54.2	55.4	63.1	63.1	63.1	67.1	67.1	69.7	69.7	69.7	69.7	69.7	69.7
3500	57.7	55.0	59.1	64.9	65.4	67.7	69.8	70.4	71.4	71.4	71.5	71.5	71.5	71.5
3000	54.4	57.5	61.7	67.1	67.3	71.4	72.5	73.2	74.2	74.2	74.3	74.3	74.3	74.3
2500	55.1	58.5	62.5	68.4	68.8	71.4	73.5	74.2	75.2	75.2	75.3	75.3	75.3	75.3
2000	54.4	59.5	63.7	70.1	71.8	71.8	75.4	76.4	77.4	77.4	77.5	77.5	77.5	77.5
1800	55.7	61.4	65.7	72.3	73.0	71.7	75.0	75.7	76.6	76.6	76.7	76.7	76.7	76.7
1500	57.7	61.4	65.7	72.3	73.0	71.7	75.0	75.7	76.6	76.6	76.7	76.7	76.7	76.7
1200	57.7	62.0	67.7	74.3	74.8	71.5	75.2	81.4	82.3	82.3	82.4	82.4	82.4	82.4
1000	61.4	64.0	68.9	76.4	74.9	71.1	72.7	83.5	84.9	85.1	85.2	85.2	85.2	85.2
900	61.1	65.0	69.5	77.5	75.1	71.5	74.1	85.2	86.3	86.3	86.3	86.3	86.3	86.3
800	61.1	65.7	71.2	78.4	79.1	71.5	75.2	85.2	87.7	87.7	87.7	87.7	87.7	87.7
700	61.1	65.0	71.9	80.1	81.6	71.7	77.3	89.0	91.4	91.4	91.4	91.4	91.4	91.4
600	62.2	67.2	72.3	80.7	81.6	71.7	83.9	90.4	91.7	91.7	91.7	91.7	91.7	91.7
500	63.1	67.5	73.1	81.7	82.6	71.9	83.4	92.1	93.8	94.1	94.1	94.1	94.1	94.1
400	63.1	68.1	73.5	82.2	83.1	71.5	81.5	93.3	95.1	95.2	95.2	95.2	95.2	95.2
300	63.1	68.1	73.5	82.2	83.1	71.5	81.5	93.3	95.1	95.2	95.2	95.2	95.2	95.2
200	63.1	68.1	73.5	82.2	83.1	71.5	81.5	93.3	95.1	95.2	95.2	95.2	95.2	95.2
100	63.1	68.1	73.5	82.2	83.1	71.5	81.5	93.3	95.1	95.2	95.2	95.2	95.2	95.2
0	63.1	68.1	73.5	82.2	83.1	71.5	81.6	93.5	95.2	95.4	95.4	95.4	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS

210

GLOBAL CLIMATE DATA
 USAF ETAC
 AIR MAINTENANCE SERVICE/AC

CEILING VERSUS VISIBILITY

3407a SCHLAFERS ALL AMF LL

0-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

50-11

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 20000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 18000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 16000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 14000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 12000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 10000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 9000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 8000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 7000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 6000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 5000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 4500	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 4000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 3500	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 3000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 2500	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 2000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 1500	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 1200	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 1000	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 900	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 800	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 700	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 600	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 500	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 400	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 300	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 200	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 100	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5
≥ 0	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5

TOTAL NUMBER OF OBSERVATIONS

209

84074
 USAF 74
 AIR MATTER SERVICE/AC

CEILING VERSUS VISIBILITY

84074 STATION NAME SCHWABTISCH-BALE ASE 01

9-7

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

120-14x

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0	
NO CEILING	45.1	48.4	48.5	43.5	43.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
≥ 20000	45.1	48.4	48.5	43.5	43.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
≥ 18000	45.1	48.4	48.5	43.5	43.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
IV 17500	45.1	48.4	48.5	43.5	43.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
IV 14000	45.1	48.4	48.5	43.5	43.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
IV 12000	45.1	48.4	48.5	43.5	43.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
IV 10000	52.2	52.6	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	
IV 9000	52.2	52.6	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	
IV 8000	52.2	52.6	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	
IV 7000	58.7	58.4	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	
IV 6000	61.1	61.5	61.5	62.1	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	
IV 5000	61.1	61.5	61.5	62.1	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	
IV 4500	64.2	65.2	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	
IV 4000	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	
IV 3500	71.4	71.9	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
IV 3000	74.1	74.7	75.2	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
IV 2500	80.1	81.1	81.7	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
IV 2000	83.5	84.7	85.3	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	
IV 1800	85.7	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	
IV 1500	87.2	88.3	88.9	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	
IV 1200	89.1	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 1000	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 900	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 800	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 700	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 600	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 500	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 400	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 300	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 200	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 100	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 0	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	

TOTAL NUMBER OF OBSERVATIONS

10

GLOBAL CLIMATE DATA
 USAF ETAC
 AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

34074 SOUTHERN HALL AFB TX

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

120 (17)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0	
NO CEILING	49.6	48.5	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	
≥ 20000	49.6	48.5	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	
18000	49.7	48.5	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	
16000	49.7	48.5	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	
14000	49.7	48.5	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	
12000	49.7	48.5	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	
10000	53.6	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	
9000	54.6	54.3	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	
8000	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
7000	64.5	64.5	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
6000	67.1	67.1	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
5000	70.8	70.8	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	
4500	73.2	73.2	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	
4000	76.8	76.8	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	
3500	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	
3000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
2500	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
2000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
1500	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	
1200	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
1000	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	
900	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
800	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
700	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	
600	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	
500	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	
400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
300	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
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	
0	100.0	100.0	100.0	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

FO9

1
 3407-
 USAF ETAC
 AIR DATA SERVICES

CEILING VERSUS VISIBILITY

3407- SCHAEFFER HALL
 STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	43.5	42.5	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥20000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥18000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥16000	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	56.7	56.7	56.7
≥14000	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	56.7	56.7	56.7
≥12000	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	56.7	56.7	56.7
≥10000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥9000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥8000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥7000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥6000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥5000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥4500	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥4000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥3500	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥3000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥2500	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥2000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥1800	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥1500	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥1200	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥1000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥900	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥800	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥700	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥600	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥500	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥400	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥300	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥200	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥100	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7

TOTAL NUMBER OF OBSERVATIONS

657

LD: L CLINT LLY
 USAF ETAC
 AIR MATRONS SERVICES AC

CEILING VERSUS VISIBILITY

34075 SUB AREA: FALL APT 1977-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

210-230

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	57.2	52.4	52.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	51.7	51.7	52.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IN 18000	51.7	51.7	52.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IN 15000	51.7	51.7	52.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IN 14000	51.7	51.7	52.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IN 12000	52.5	52.5	54.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IN 10000	54.1	54.1	55.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IN 9000	59.9	60.5	62.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IN 8000	64.4	65.9	66.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IN 7000	65.5	66.7	67.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IN 6000	71.1	71.8	72.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IN 5000	71.1	71.8	72.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IN 4500	71.1	72.4	73.0	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
IN 4000	71.1	71.8	72.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IN 3500	71.1	72.4	73.0	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
IN 3000	71.1	72.4	73.0	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
IN 2500	71.1	72.4	73.0	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
IN 2000	71.1	72.4	73.0	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
IN 1800	71.1	72.4	73.0	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
IN 1500	71.1	72.4	73.0	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
IN 1200	71.1	72.4	73.0	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
IN 1000	71.1	72.4	73.0	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
IN 900	71.1	72.4	73.0	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
IN 800	71.1	72.4	73.0	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
IN 700	71.1	72.4	73.0	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
IN 600	71.1	72.4	73.0	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
IN 500	71.1	72.4	73.0	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
IN 400	71.1	72.4	73.0	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
IN 300	71.1	72.4	73.0	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
IN 200	71.1	72.4	73.0	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
IN 100	71.1	72.4	73.0	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
IN 0	71.1	72.4	73.0	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

TOTAL NUMBER OF OBSERVATIONS 87

U.S. AIR FORCE
 USAF ETAC
 AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

34077 SCARBOROUGH FALL 1954

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1/2	≥1/2	≥0
NO CEILING > 7000	47.1	47.1	49.2	50.0	50.0	50.0	50.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
16000	47.2	48.0	49.2	50.0	50.0	50.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
14000	47.2	48.0	49.2	50.0	50.0	50.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
12000	47.2	48.0	49.2	50.0	50.0	50.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
10000	51.0	51.0	53.1	54.0	54.0	54.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
8000	57.6	58.0	59.9	61.0	61.7	61.7	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
7000	60.0	61.2	62.7	64.0	64.5	64.5	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
6000	61.5	62.0	64.3	66.0	66.1	66.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
5000	63.4	64.9	66.5	68.4	68.5	68.5	69.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
4500	65.0	66.4	68.0	69.9	70.0	70.0	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
4000	67.0	69.4	71.1	73.2	73.3	73.3	74.5	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
3500	70.5	72.0	73.9	76.1	76.2	76.2	77.4	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
3000	74.1	75.9	77.9	80.4	80.5	80.5	81.7	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
2500	74.0	77.7	80.2	82.0	82.0	82.0	83.3	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
2000	77.4	79.0	81.7	84.0	84.0	84.0	85.7	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
1800	77.0	79.7	82.2	85.1	85.3	85.3	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
1500	78.0	80.9	83.4	86.0	86.3	86.3	87.9	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
1200	78.7	81.9	84.5	87.0	87.2	87.2	88.7	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
1000	81.5	82.9	85.5	89.0	89.0	89.0	90.3	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
900	80.0	83.0	86.1	90.0	90.4	90.4	92.2	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
800	81.4	84.0	86.9	91.0	91.4	91.4	93.3	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
700	82.1	84.7	87.7	91.0	92.2	92.2	94.4	95.4	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3
600	82.2	84.9	87.9	92.0	92.7	92.7	94.1	95.3	95.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4
500	82.0	85.1	88.2	92.0	93.1	93.1	94.6	96.9	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2
400	82.6	85.3	88.4	92.0	93.3	93.3	94.9	97.4	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7
300	82.6	85.3	88.4	92.0	93.4	93.4	94.9	97.4	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7
200	82.6	85.3	88.4	92.0	93.4	93.4	94.9	97.4	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8
100	82.7	85.3	88.5	92.0	93.4	93.4	94.9	97.4	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8
0	82.7	85.3	88.5	92.0	93.4	93.4	94.9	97.4	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS

4048

GENERAL OPERATIONAL DATA
 USAF ETAC
 AIR FORCE CENTER OF EXCELLENCE

CEILING VERSUS VISIBILITY

3407. 50,45150 FALL 51

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥20000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 18000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 16000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 14000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 12000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 10000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 9000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 8000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 7000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 6000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 5000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 4500	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 4000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 3500	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 3000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 2500	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 2000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 1800	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 1500	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 1200	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 1000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 900	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 800	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 700	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 600	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 500	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 400	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 350	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 200	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 100	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 0	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9

TOTAL NUMBER OF OBSERVATIONS

62

GLOBAL CLIMATELOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

34074 SCHAEFERSON HALL AFB TX

9-7-

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.2	≥.16	≥.1	≥0	
NO CEILING		34.1	51.0	58.7	43.3	43.6	44.1	46.4	45.8	47.9	47.7	47.0	43.2	45.2	45.3	46.7
≥ 20000		38.1	40.0	42.7	47.3	47.4	47.9	50.7	50.7	51.8	51.0	51.0	52.1	52.1	52.2	52.1
≥ 18000		38.4	41.2	43.1	47.7	47.4	5.3	51.1	51.1	52.2	52.2	52.7	52.5	52.5	52.7	52.4
≥ 16000		38.4	41.2	43.1	47.7	47.4	5.3	51.1	51.1	52.2	52.2	52.7	52.5	52.5	52.7	52.4
≥ 14000		38.4	41.2	43.1	47.7	47.4	5.3	51.1	51.1	52.2	52.2	52.7	52.5	52.5	52.7	52.4
≥ 12000		38.4	41.2	43.1	47.7	47.4	5.3	51.1	51.1	52.2	52.2	52.7	52.5	52.5	52.7	52.4
≥ 10000		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 9000		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 8000		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 7000		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 6000		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 5000		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 4500		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 4000		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 3500		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 3000		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 2500		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 2000		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 1800		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 1500		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 1200		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 1000		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 900		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 800		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 700		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 600		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 500		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 400		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 300		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 200		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
≥ 100		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4
0		42.1	45.4	47.5	52.3	52.6	55.4	56.1	56.1	57.3	57.3	57.3	57.5	57.5	57.5	57.4

TOTAL NUMBER OF OBSERVATIONS

791

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

34074 SCHWABERISCH FILL AFB DL

P-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1961-1962

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.4	≥.16	≥.1	≥0
NO CEILING		43.2	44.0	46.1	48.0	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 20000		46.5	46.1	49.4	51.3	51.8	51.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 8000		46.9	48.5	49.7	51.3	52.1	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 16000		44.9	48.5	49.7	51.3	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 4000		47.1	48.7	50.3	52.1	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 7000		49.2	49.5	51.1	53.3	53.4	53.9	54.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 10000		51.3	52.9	54.1	56.3	56.4	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 9000		52.3	54.5	55.3	57.3	58.0	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 8000		57.7	59.5	61.1	63.3	63.4	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 7000		60.1	62.1	63.7	66.3	66.1	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 6000		61.8	63.9	65.6	68.3	68.1	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 5000		64.4	66.7	68.3	71.3	71.1	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 4500		65.3	68.1	69.7	72.4	72.5	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 4000		66.5	70.9	72.6	75.0	75.0	75.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 3500		71.0	73.9	75.4	78.6	78.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 3000		75.4	78.4	80.2	83.5	83.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 2500		77.6	80.4	82.2	85.9	86.2	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2000		80.0	82.8	84.5	88.3	88.6	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1800		80.4	83.2	84.9	88.6	89.1	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1500		82.0	84.6	86.5	90.4	91.0	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1200		83.0	86.7	88.4	92.5	92.8	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1000		84.4	87.6	89.4	93.7	94.1	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 900		84.7	87.9	90.2	94.7	95.1	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 800		84.8	88.3	90.5	95.5	96.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700		84.8	88.3	90.5	95.7	96.1	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600		84.8	88.3	90.5	95.7	96.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500		84.8	88.3	90.5	95.7	96.2	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400		84.8	88.3	90.5	95.7	96.2	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300		84.8	88.3	90.5	95.7	96.2	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200		84.8	88.3	90.5	95.7	96.2	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100		84.8	88.3	90.5	95.7	96.2	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0		84.8	88.3	90.5	95.7	96.2	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

796

GLOBAL CLIMATE DATA
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34074 SCHAERISCH HALL AFB TX

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

120-1200

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3
NO CEILING		44.6	44.4	44.7	44.4	44.4	44.5	44.6	44.5	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000		50.7	51.1	51.5	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 16000		50.9	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000		51.1	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000		51.8	51.9	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10000		54.0	55.1	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 9000		54.0	56.2	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 8000		64.2	64.7	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 7000		65.2	65.7	66.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000		65.7	67.0	67.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 5000		71.2	71.7	72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4500		75.2	75.6	76.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000		77.5	78.0	79.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500		81.0	81.5	82.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000		87.2	87.5	88.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500		89.3	89.6	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000		91.5	91.5	92.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800			91.5	92.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500			91.3	91.5	93.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200			91.8	92.6	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000			92.7	93.7	95.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900			92.7	93.7	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800			92.8	93.6	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700			92.8	93.6	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600			92.8	93.6	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500			92.8	93.6	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400			92.8	93.6	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300			92.8	93.6	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 200			92.8	93.6	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 100			92.8	93.6	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 0			92.8	93.6	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4

TOTAL NUMBER OF OBSERVATIONS

793

GLOBAL CLIMATE DATA
 USAF-ETAC
 AIR BATTLE SERVICE/TAC

CEILING VERSUS VISIBILITY

34074 SCH. AERIS - FALL AFB AL

3-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-472

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	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	47.7	47.7
≥20000	53.0	53.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥18000	53.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥16000	53.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥14000	53.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥12000	53.0	54.0	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
≥10000	53.0	59.0	61.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥9000	53.0	62.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥8000	70.0	71.0	71.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥7000	72.0	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥6000	72.0	74.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥5000	77.0	78.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥4500	80.0	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥4000	82.0	83.0	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥3500	85.0	86.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥3000	90.0	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
≥2500	91.0	92.0	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥2000	92.0	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥1800	94.0	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥1500	94.0	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥1200	94.0	95.0	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥1000	94.0	95.0	97.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥900	95.0	96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥800	95.0	96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥700	95.0	96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥600	95.0	96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥500	95.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥400	95.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥300	95.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥200	95.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥100	95.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥0	95.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

797

1
 FEDERAL BUREAU OF INVESTIGATION
 U.S. DEPARTMENT OF JUSTICE
 AIR WEATHER SERVICE/ WFO

CEILING VERSUS VISIBILITY

34074 SCHEMATIC - ALL AFB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	21.7	21.8	24.0	24.0	22.0	21.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 20000	21.7	20.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 16000	21.7	20.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 14000	21.7	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 12000	22.2	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 10000	22.7	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 9000	22.7	23.0	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 8000	22.8	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 7500	22.8	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 6000	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 5000	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 4500	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 4000	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 3500	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 3000	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 2500	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 2000	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 1800	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 1500	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 1250	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 1000	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 900	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 800	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 700	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 600	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 500	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 450	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 300	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 200	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 100	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 0	22.8	22.8	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1

TOTAL NUMBER OF OBSERVATIONS

505

GLOBAL CLIMATE DATA
 USAF ETAC
 AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

34074

SUMMITTOWN FLD 45F 1

1977-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

210-214

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	57.1	56.8	56.1	55.4	54.7	54.0	53.3	52.6	51.9	51.2	50.5	49.8	49.1	48.4	47.7	47.0
≥ 20000	57.1	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
≥ 15000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	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
≥ 5000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	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
≥ 2000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 750	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 100	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS

65

1
 GLOBAL CLIMATE SYSTEM
 USAF ETAC
 AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

34074 SCHAEFFER HALL AFB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4
10000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
9000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
8000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
7000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
6000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
5000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
4000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
3000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
2000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
1000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
500	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
300	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
200	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
100	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
50	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074
STATION

SCHWAEBISCH HALL AAF DL
STATION NAME

69-70
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
MOUSE TEST

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		22.8	25.9	29.1	31.6	32.9	35.4	38.0	38.0	40.5	40.5	40.5	40.5	40.5	40.5	41.8
IV 20000		22.8	27.8	31.6	34.2	35.4	38.0	40.5	40.5	43.0	43.0	43.0	43.0	43.0	43.0	44.3
IV 18000		22.8	27.8	31.6	34.2	35.4	38.0	40.5	40.5	43.0	43.0	43.0	43.0	43.0	43.0	44.3
IV 16000		22.8	27.8	31.6	34.2	35.4	38.0	40.5	40.5	43.0	43.0	43.0	43.0	43.0	43.0	44.3
IV 14000		22.8	27.8	31.6	34.2	35.4	38.0	40.5	40.5	43.0	43.0	43.0	43.0	43.0	43.0	44.3
IV 12000		24.1	29.1	32.9	35.4	36.7	39.2	41.8	41.8	44.3	44.3	44.3	44.3	44.3	44.3	45.6
IV 10000		24.1	29.1	32.9	35.4	36.7	39.2	41.8	41.8	44.3	44.3	44.3	44.3	44.3	44.3	45.6
IV 9000		25.3	30.4	35.4	38.0	39.2	41.8	44.3	44.3	46.8	46.8	46.8	46.8	46.8	46.8	48.1
IV 8000		25.3	30.4	35.4	38.0	39.2	41.8	44.3	44.3	46.8	46.8	46.8	46.8	46.8	46.8	48.1
IV 7000		27.8	32.9	36.0	41.8	43.0	45.6	49.4	49.4	51.9	51.9	51.9	51.9	51.9	51.9	54.4
IV 6000		27.8	32.9	36.0	41.8	43.0	45.6	49.4	49.4	51.9	51.9	51.9	51.9	51.9	51.9	54.4
IV 5000		30.4	36.7	41.8	45.6	46.8	49.4	53.2	53.2	55.7	57.0	57.0	57.0	57.0	57.0	60.8
IV 4500		30.4	36.7	41.8	45.6	46.8	49.4	53.2	53.2	55.7	57.0	57.0	57.0	57.0	57.0	60.8
IV 4000		31.6	38.0	43.0	46.8	48.1	50.6	54.4	54.4	57.0	57.0	57.0	57.0	57.0	57.0	60.8
IV 3500		32.9	39.2	44.3	49.4	50.6	54.4	58.2	58.2	60.8	62.0	62.0	62.0	62.0	62.0	65.8
IV 3000		34.2	41.8	46.8	51.9	53.2	58.2	64.6	64.6	67.1	68.4	68.4	68.4	68.4	68.4	72.2
IV 2500		34.2	41.8	46.8	51.9	53.2	58.2	64.6	64.6	67.1	68.4	68.4	68.4	68.4	68.4	72.2
IV 2000		34.2	43.0	50.6	55.7	57.0	64.6	70.9	70.9	73.4	74.7	74.7	74.7	74.7	74.7	78.5
IV 1800		34.2	43.0	50.6	55.7	57.0	64.6	70.9	70.9	73.4	74.7	74.7	74.7	74.7	74.7	78.5
IV 1500		34.2	44.3	54.4	59.5	60.8	69.6	75.9	77.2	79.7	81.0	81.0	81.0	81.0	81.0	84.8
IV 1200		34.2	44.3	54.4	60.8	62.0	70.9	77.2	77.2	79.7	81.0	81.0	81.0	81.0	81.0	84.8
IV 1000		34.2	44.3	54.4	62.0	63.3	73.4	82.3	83.5	85.1	87.3	87.3	87.3	87.3	87.3	91.1
IV 900		34.2	44.3	54.4	62.0	63.3	73.4	82.3	83.5	85.1	87.3	87.3	87.3	87.3	87.3	91.1
IV 800		34.2	44.3	54.4	62.0	63.3	74.7	83.5	84.8	87.3	88.6	88.6	88.6	88.6	88.6	92.4
IV 700		34.2	44.3	54.4	62.0	63.3	74.7	83.5	84.8	87.3	88.6	88.6	88.6	88.6	88.6	92.4
IV 600		34.2	44.3	54.4	62.0	63.3	74.7	83.5	84.8	87.3	88.6	88.6	88.6	88.6	88.6	92.4
IV 500		34.2	44.3	54.4	62.0	63.3	74.7	83.5	84.8	87.3	88.6	88.6	88.6	88.6	88.6	92.4
IV 400		34.2	44.3	54.4	62.0	63.3	74.7	83.5	84.8	87.3	88.6	88.6	88.6	88.6	88.6	92.4
IV 300		34.2	44.3	54.4	62.0	63.3	74.7	83.5	84.8	87.3	88.6	88.6	88.6	88.6	88.6	92.4
IV 200		34.2	44.3	54.4	62.0	63.3	74.7	83.5	84.8	87.3	88.6	88.6	88.6	88.6	88.6	92.4
IV 100		34.2	44.3	54.4	62.0	63.3	74.7	83.5	84.8	87.3	88.6	88.6	88.6	88.6	88.6	92.4
IV 0		34.2	44.3	54.4	62.0	63.3	74.7	83.5	84.8	87.3	88.6	88.6	88.6	88.6	88.6	92.4

TOTAL NUMBER OF OBSERVATIONS

79

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 STATION SCHWAEBISCH HALL AAF DL STATION NAME

69-73 YEARS

alt 5045 USFT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0605-0800 HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING																
≥ 20000		28.3	30.0	31.5	35.7	35.9	37.9	39.0	39.2	39.7	39.3	40.1	40.1	40.1	40.3	41.0
≥ 18000		32.8	35.2	36.8	41.7	41.9	44.0	45.2	45.6	46.0	46.2	46.4	46.4	46.4	47.1	47.7
≥ 16000		32.8	35.2	36.8	41.7	41.9	44.0	45.2	45.6	46.0	46.2	46.4	46.4	46.4	47.1	47.7
≥ 14000		33.3	35.7	37.3	42.1	42.4	44.5	45.7	46.0	46.5	46.7	46.9	46.9	46.9	47.6	48.2
≥ 12000		34.0	36.4	38.4	43.4	43.6	45.7	46.9	47.3	47.7	47.5	48.1	48.1	48.1	48.8	49.4
≥ 10000		35.0	37.6	39.7	45.1	45.2	47.9	49.6	49.9	50.4	50.7	50.8	50.9	51.0	51.8	52.4
≥ 9000		27.3	40.2	42.3	47.9	48.1	51.7	52.4	52.7	52.2	52.5	52.7	52.7	52.8	54.5	55.6
≥ 8000		40.8	44.6	47.0	53.0	53.2	55.8	56.1	58.5	59.4	59.7	60.0	60.0	60.3	61.1	62.5
≥ 7000		41.8	46.3	48.7	55.1	55.7	58.2	60.7	61.0	62.0	62.2	62.6	62.6	62.3	63.7	65.1
≥ 6000		42.1	46.7	49.1	55.4	56.0	58.7	61.1	61.5	62.5	62.7	63.1	63.1	63.3	64.2	65.8
≥ 5000		43.6	48.1	50.5	57.7	58.3	61.1	63.8	64.2	65.3	65.5	65.9	65.9	66.1	67.1	68.4
≥ 4500		44.2	48.7	51.3	58.5	59.1	62.0	64.7	65.0	66.1	66.4	66.7	66.7	67.0	67.6	69.4
≥ 4000		45.7	50.2	52.7	60.0	60.9	63.9	66.6	67.4	68.7	69.1	69.4	69.4	69.7	70.3	72.1
≥ 3500		46.7	51.3	54.1	61.4	62.1	65.3	68.0	68.6	70.4	70.9	71.4	71.4	71.6	72.5	74.1
≥ 3000		48.5	53.1	56.2	63.6	64.3	68.0	70.6	71.7	72.6	74.2	74.7	74.7	74.9	75.9	77.3
≥ 2500		49.5	54.1	57.2	64.8	65.5	69.3	72.0	73.1	74.9	75.5	76.6	76.6	76.2	77.2	78.8
≥ 2000		50.3	55.4	58.5	66.4	67.1	71.0	73.8	74.9	75.7	77.3	77.9	77.6	78.1	79.0	80.3
≥ 1800		50.4	55.5	58.7	66.5	67.2	71.3	74.2	75.3	77.1	77.7	78.2	78.2	78.4	79.4	81.1
≥ 1500		50.8	56.0	59.2	67.4	68.2	72.5	75.4	76.7	78.6	79.2	79.7	79.7	79.9	80.9	82.5
≥ 1200		51.9	57.2	60.4	68.9	69.8	74.2	77.2	78.6	80.4	81.0	81.5	81.5	81.7	82.7	84.4
≥ 1000		52.7	58.3	61.8	71.0	71.9	75.9	80.1	81.5	83.3	84.0	84.7	84.7	84.9	85.9	87.5
≥ 900		52.7	58.3	61.8	71.0	71.9	75.9	80.1	81.5	83.3	84.0	84.7	84.7	84.9	85.9	87.5
≥ 800		53.0	58.7	62.4	72.2	73.1	78.8	82.6	84.2	86.1	87.0	87.6	87.6	87.8	88.8	90.5
≥ 700		53.3	59.1	62.7	73.0	73.8	79.5	83.4	85.4	87.3	88.2	88.8	88.8	89.0	90.0	91.7
≥ 600		53.6	59.3	63.1	73.4	74.3	80.1	84.8	86.7	88.8	89.6	90.4	90.5	90.7	91.7	93.4
≥ 500		53.6	59.3	63.3	73.8	74.7	80.6	85.7	87.6	90.0	90.9	91.6	91.7	92.0	92.9	94.6
≥ 400		53.6	59.3	63.5	73.9	74.8	81.0	86.5	88.9	91.2	92.3	93.5	93.7	94.0	95.0	97.0
≥ 300		53.6	59.3	63.5	73.9	74.8	81.0	86.5	89.0	91.5	92.6	93.8	94.0	94.4	95.4	97.9
≥ 200		53.6	59.3	63.5	73.9	74.8	81.0	86.5	89.0	91.6	92.7	93.9	94.2	94.8	95.9	99.8
≥ 100		53.6	59.3	63.5	73.9	74.8	81.0	86.5	89.0	91.6	92.7	93.9	94.2	94.8	95.9	99.8
≥ 0		53.6	59.3	63.5	73.9	74.8	81.0	86.5	89.0	91.6	92.8	94.0	94.4	94.9	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS

821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/IIAC

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

68-73

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5-16	≥¼	≥0
NO CEILING	37.8	37.5	41.0	43.8	43.8	44.2	44.5	44.5	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9
IV 20000	43.2	45.1	46.7	49.9	50.0	50.5	51.1	51.1	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5
IV 18000	43.2	45.1	46.7	49.9	50.0	50.5	51.1	51.1	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5
IV 16000	43.2	45.1	46.7	49.9	50.0	50.5	51.1	51.1	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5
IV 14000	43.2	45.1	46.7	49.9	50.0	50.5	51.1	51.1	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5
IV 12000	44.2	46.1	47.7	51.1	51.2	51.7	52.3	52.3	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7
IV 10000	45.6	49.0	50.6	54.4	54.5	55.2	55.8	55.8	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2
IV 9000	47.9	50.6	52.3	56.5	56.4	57.4	58.0	58.0	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4
IV 8000	52.7	55.9	57.5	61.7	61.9	63.5	64.2	64.2	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6
IV 7000	53.5	56.7	58.8	63.4	63.7	65.3	66.1	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5
IV 6000	53.9	56.9	59.0	63.5	64.0	65.0	66.3	66.3	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8
IV 5000	54.9	57.9	60.0	64.6	65.0	66.7	67.4	67.4	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9
IV 4500	56.8	59.9	62.0	66.8	67.2	69.0	69.7	69.7	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2
IV 4000	58.8	62.2	64.4	69.3	69.7	71.7	72.4	72.5	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0
IV 3500	59.4	62.6	65.0	70.2	70.6	72.5	73.2	73.5	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3
IV 3000	61.8	65.2	67.5	72.7	73.1	75.1	75.9	76.2	76.9	77.3	77.4	77.4	77.4	77.4	77.4	77.4
IV 2500	62.5	65.9	68.5	74.0	74.3	75.3	77.1	77.4	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6
IV 2000	65.1	68.7	71.3	76.6	77.1	79.1	79.9	80.2	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4
IV 1800	65.7	69.5	72.0	77.7	78.1	80.0	80.9	81.1	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4
IV 1500	66.9	70.9	73.7	79.9	80.3	82.6	83.5	83.7	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9
IV 1200	69.3	73.7	76.5	83.0	83.2	85.9	86.9	87.1	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3
IV 1000	70.0	74.8	78.5	85.2	85.5	88.4	89.5	89.8	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 900	70.6	75.4	79.2	86.7	87.1	90.3	91.6	92.0	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2
IV 800	70.8	75.7	79.6	87.3	87.7	91.0	92.3	92.8	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0
IV 700	71.4	76.4	80.3	88.4	88.8	92.2	93.9	94.5	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0
IV 600	72.1	77.3	81.1	89.4	89.8	93.3	95.1	96.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 500	72.3	77.5	81.4	89.9	90.3	93.9	95.9	96.1	97.1	98.1	98.4	98.5	98.5	98.5	98.5	98.5
IV 400	72.3	77.5	81.4	90.3	90.6	94.5	96.8	97.9	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6
IV 300	72.3	77.5	81.4	90.3	90.6	94.5	96.8	97.9	99.0	99.4	99.6	99.9	99.9	99.9	99.9	100.0
IV 200	72.3	77.5	81.4	90.3	90.6	94.5	96.8	97.9	99.0	99.4	99.6	99.9	99.9	99.9	99.9	100.0
IV 100	72.3	77.5	81.4	90.3	90.6	94.5	96.8	97.9	99.0	99.4	99.6	99.9	99.9	99.9	99.9	100.0
IV 0	72.3	77.5	81.4	90.3	90.6	94.5	96.8	97.9	99.0	99.4	99.6	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS:

822

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAJ

CEILING VERSUS VISIBILITY

34074

SCHWAEDISCHE HALL AAF DL

R=74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	210	20	25	24	23	22 1/2	22	21 1/2	21	20 1/2	20	19 1/2	19	18 1/2	18	17 1/2
≥ 7000	40.6	41.2	41.7	42.2	42.7	43.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 6000	48.1	48.8	49.3	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 5000	48.1	48.8	49.3	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4000	47.3	48.8	49.3	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 3000	47.3	50.0	50.6	52.2	52.2	52.2	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 2000	51.7	52.6	53.2	55.6	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 1000	53.9	55.0	55.6	58.0	58.0	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 800	60.0	61.1	61.7	64.2	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 700	61.7	62.8	63.5	66.1	66.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 600	62.2	63.2	64.0	66.7	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 500	63.4	64.5	65.2	68.0	68.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 400	65.5	66.5	67.3	70.2	70.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 300	69.3	70.7	71.4	74.6	74.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 200	72.5	73.8	74.7	78.2	78.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 100	76.1	79.6	80.5	84.2	84.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 50	79.4	81.1	82.1	85.8	86.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 0	81.6	82.6	84.5	88.6	88.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	82.2	84.2	85.2	89.3	89.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	83.1	85.5	87.2	91.7	92.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	84.3	86.7	88.7	92.8	94.0	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	85.2	87.6	89.8	95.0	95.3	96.6	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	85.2	87.7	89.9	95.1	95.4	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	85.8	88.2	90.5	95.9	96.1	97.4	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	86.1	88.8	91.0	96.4	96.6	97.9	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	86.5	89.2	91.4	96.7	97.0	98.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	86.5	89.2	91.4	96.7	97.0	98.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	86.5	89.2	91.4	96.7	97.0	98.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	86.5	89.2	91.4	96.7	97.0	98.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	86.5	89.2	91.4	96.7	97.0	98.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	86.5	89.2	91.4	96.7	97.0	98.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

122

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074
STATION

SCHWABISCH HALL AAF DL
STATION NAME

RA=73
PRECIPITATION

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
TIME PERIOD

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥0	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
≥ 20000	43.7	43.1	42.2	43.7	43.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000	51.2	52.5	52.6	52.2	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	51.2	52.5	52.6	52.2	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 14000	51.2	52.6	52.7	52.8	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	52.4	52.7	52.8	54.4	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 10000	55.7	56.8	56.8	57.4	57.4	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 9000	57.1	58.5	58.8	59.4	59.4	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 8000	64.3	65.7	66.2	67.0	67.0	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 7000	67.7	69.2	69.9	70.6	70.6	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	69.2	70.8	71.4	72.2	72.2	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	72.1	73.7	74.3	75.2	75.2	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	74.1	75.6	76.2	77.2	77.2	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	76.7	78.4	79.3	80.4	80.4	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	80.0	81.9	82.7	84.0	84.0	84.7	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	84.8	87.2	88.1	89.8	89.8	90.4	90.6	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	85.4	88.2	89.2	91.2	91.2	91.8	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	86.4	89.3	90.3	92.7	92.7	93.5	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	86.8	89.8	90.9	93.2	93.2	94.2	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	87.3	90.5	91.7	94.6	94.6	95.6	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	88.1	91.4	92.8	95.6	95.6	96.6	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	88.2	91.5	92.7	95.7	95.7	96.8	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	88.3	91.6	92.8	95.9	95.9	97.0	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	88.6	92.0	93.2	96.2	96.2	97.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	88.8	92.2	93.5	96.7	96.7	97.8	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	88.9	92.3	93.7	96.8	96.8	98.2	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	89.0	92.4	93.8	97.0	97.0	98.5	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	89.0	92.4	93.8	97.0	97.0	98.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	89.0	92.4	93.8	97.0	97.0	98.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.0	92.4	93.8	97.0	97.0	98.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.0	92.4	93.8	97.0	97.0	98.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.0	92.4	93.8	97.0	97.0	98.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

821

GLOBAL CLIMATOLOGY BRANCH
USAF/ITC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

84074

SCHWABERISCH HALL AAF DL

0-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

VISIBILITY (STATUTE MILES)	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0	≥0	≥0	≥0	≥0	≥0
10000	47.0	48.0	49.1	49.6	47.6	49.7	47.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
9000	55.0	57.2	57.4	58.1	54.1	58.5	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
8000	55.3	57.6	57.9	58.4	54.4	58.8	59.4	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
7000	56.7	57.6	57.9	58.4	54.4	58.8	59.4	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
6000	56.9	57.6	58.1	58.5	55.5	59.9	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
5000	56.9	58.2	58.5	58.9	58.9	59.4	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
4000	60.7	62.3	62.9	63.0	63.0	64.5	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
3000	62.5	64.2	64.8	65.7	65.8	66.6	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2000	68.8	70.8	71.4	72.6	72.7	73.5	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
1000	71.7	74.2	74.8	76.0	76.2	77.0	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
500	72.7	75.2	75.8	77.0	77.3	78.0	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
400	75.7	78.2	78.9	80.2	80.5	81.2	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
300	76.7	79.2	79.9	81.2	81.5	82.2	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
200	79.0	81.5	82.3	84.2	84.5	85.2	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
100	81.4	83.9	84.6	86.7	87.0	88.4	89.4	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
50	83.5	86.2	87.0	89.1	89.4	91.1	92.1	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
25	83.7	86.6	87.5	90.3	90.6	92.2	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
15	83.9	87.1	88.1	90.8	91.1	92.0	94.3	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
10	83.9	87.1	88.1	90.8	91.1	92.0	94.3	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
5	84.5	87.7	88.9	91.8	92.1	94.0	95.3	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
3	84.6	88.0	89.1	92.4	92.7	94.6	95.9	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
2	84.9	88.6	89.9	93.1	93.4	95.3	96.6	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
1	85.7	89.0	90.3	93.7	94.0	95.9	97.2	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.5	85.2	89.0	90.5	93.8	94.1	96.0	97.4	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0.25	85.2	89.0	90.5	94.0	94.3	96.6	97.9	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.15	85.2	89.0	90.5	94.3	94.6	97.1	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.1	85.3	89.1	90.6	94.4	94.7	97.2	98.5	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.05	85.3	89.1	90.6	94.4	94.7	97.4	98.8	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.025	85.3	89.1	90.6	94.4	94.7	97.4	98.8	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.015	85.3	89.1	90.6	94.4	94.7	97.4	98.8	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.01	85.3	89.1	90.6	94.4	94.7	97.4	98.8	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.005	85.3	89.1	90.6	94.4	94.7	97.4	98.8	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

682

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWABERISCH HALL AAF DL

71,77-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥8	≥6	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	0
≥10000	57.3	57.3	57.3	60.0	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥9000	62.7	62.7	62.7	65.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥8000	62.7	62.7	62.7	65.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥7000	64.0	64.0	64.0	66.7	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥6000	64.0	64.0	64.0	66.7	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥5000	65.7	66.7	66.7	69.3	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥4000	69.3	69.3	69.3	72.0	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥3000	72.0	73.0	73.0	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥2000	74.7	75.7	75.7	81.3	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥1000	75.0	80.0	80.0	82.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥500	77.3	81.3	81.3	84.0	84.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥200	77.3	81.3	81.3	84.0	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥100	80.0	84.0	84.0	89.3	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥50	82.7	88.0	88.0	93.3	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥20	82.7	88.0	88.0	93.3	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥10	84.0	89.3	89.3	94.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥5	84.0	89.3	89.3	94.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥2	84.0	89.3	89.3	94.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1	84.0	89.3	89.3	94.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥0	84.0	89.3	89.3	94.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

75

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074

SCHWAEBISCH HALL AAF DL

68-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.15	≥0	≥0
NO CEILING	39.3	40.6	41.5	43.4	43.5	44.2	44.6	44.7	44.8	44.9	45.0	45.0	45.0	45.0	45.1	45.2
≥ 20000	45.7	47.3	48.2	50.4	50.5	51.4	51.9	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.6
18000	45.8	47.4	48.3	50.5	50.6	51.5	52.0	52.1	52.3	52.3	52.4	52.4	52.4	52.4	52.5	52.7
16000	45.8	47.4	48.3	50.5	50.6	51.5	52.0	52.1	52.3	52.3	52.4	52.4	52.4	52.4	52.5	52.7
14000	46.0	47.6	48.4	50.7	50.8	51.6	52.1	52.2	52.4	52.5	52.6	52.6	52.6	52.6	52.7	52.8
12000	46.9	48.5	49.4	51.7	51.8	52.7	53.2	53.3	53.5	53.6	53.6	53.6	53.6	53.6	53.8	53.9
10000	49.3	51.1	52.1	54.8	54.9	56.0	56.7	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.3	57.5
9000	51.2	53.2	54.3	57.1	57.2	58.3	59.0	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.6	59.8
8000	56.5	58.9	60.2	63.2	63.3	64.6	65.5	65.6	65.8	65.9	66.0	66.0	66.0	66.1	66.3	66.6
7000	58.5	61.2	62.5	65.7	65.9	67.2	68.1	68.2	68.5	68.6	68.7	68.7	68.7	68.8	68.9	69.2
6000	59.2	61.9	63.2	66.4	66.7	68.0	68.9	69.0	69.3	69.4	69.5	69.5	69.5	69.6	69.7	70.1
5000	61.1	63.8	65.1	68.6	68.8	70.2	71.2	71.3	71.6	71.7	71.8	71.8	71.8	71.9	72.0	72.4
4500	62.6	65.2	66.7	70.2	70.4	71.9	72.8	72.9	73.3	73.4	73.5	73.5	73.5	73.5	73.7	74.1
4000	65.0	67.8	69.3	73.0	73.4	75.0	75.9	76.1	76.5	76.6	76.7	76.7	76.7	76.9	77.3	
3500	67.1	69.9	71.4	75.4	75.8	77.5	78.5	78.7	79.3	79.5	79.6	79.6	79.6	79.7	79.8	80.2
3000	70.4	73.5	75.1	79.2	79.6	81.5	82.5	82.8	83.5	83.8	83.9	83.9	83.9	84.0	84.2	84.6
2500	71.2	74.4	76.2	80.5	80.9	82.8	83.8	84.1	84.8	85.1	85.2	85.2	85.2	85.3	85.5	85.9
2000	72.5	76.0	77.9	82.4	82.8	84.8	86.0	86.3	87.0	87.2	87.4	87.4	87.4	87.5	87.7	88.1
1800	72.9	76.4	78.3	83.0	83.3	85.4	86.6	86.9	87.6	87.9	88.0	88.0	88.0	88.1	88.3	88.7
1500	73.6	77.3	79.5	84.5	84.9	87.2	88.4	88.8	89.5	89.7	89.8	89.8	89.8	89.9	90.1	90.5
1200	74.7	78.6	80.8	86.2	86.5	88.9	90.2	90.6	91.3	91.6	91.7	91.7	91.7	91.8	92.0	92.4
1000	75.2	79.3	81.8	87.4	87.8	90.4	91.8	92.2	92.9	93.2	93.4	93.4	93.4	93.5	93.6	94.1
900	75.4	79.5	82.1	87.9	88.3	91.0	92.6	93.0	93.7	94.0	94.2	94.2	94.2	94.3	94.5	94.9
800	75.5	79.8	82.4	88.4	88.8	91.6	93.3	93.8	94.5	94.8	95.0	95.0	95.0	95.1	95.2	95.7
700	75.9	80.1	82.8	89.0	89.4	92.3	94.1	94.7	95.5	95.8	95.9	95.9	95.9	96.0	96.2	96.6
600	76.2	80.5	83.2	89.4	89.8	92.9	94.9	95.6	96.4	96.7	96.9	96.9	96.9	97.0	97.2	97.6
500	76.3	80.7	83.4	89.7	90.1	93.3	95.6	96.4	97.2	97.5	97.7	97.7	97.7	97.8	98.0	98.4
400	76.3	80.7	83.4	89.8	90.2	93.5	96.0	96.8	97.7	98.1	98.3	98.4	98.4	98.5	98.7	99.2
300	76.3	80.7	83.4	89.8	90.2	93.5	96.0	96.9	97.8	98.2	98.4	98.4	98.4	98.6	98.8	99.4
200	76.3	80.7	83.4	89.8	90.2	93.5	96.0	96.9	97.8	98.2	98.4	98.4	98.4	98.6	98.7	99.0
100	76.3	80.7	83.4	89.8	90.2	93.5	96.0	96.9	97.8	98.2	98.4	98.4	98.4	98.6	98.7	99.0
0	76.3	80.7	83.4	89.8	90.2	93.5	96.0	96.9	97.8	98.2	98.4	98.4	98.4	98.6	98.7	99.0

TOTAL NUMBER OF OBSERVATIONS

4125

USAF/ETAC

0-14-5 (QL/A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF-ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074

SCHWAEBISCH HALL AAF DL

69-70

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		17.9	24.8	34.2	35.0	36.8	46.2	53.0	56.4	61.5	64.1	66.7	70.1	70.1	71.8	76.1
≥ 20000		17.9	24.8	34.2	35.0	36.8	47.0	53.8	57.3	62.4	65.0	67.5	70.9	70.9	72.6	78.6
IV 18000		17.9	24.8	34.2	35.0	36.8	47.0	53.8	57.3	62.4	65.0	67.5	70.9	70.9	72.6	78.6
IV 16000		17.9	24.8	34.2	35.0	36.8	47.0	53.8	57.3	62.4	65.0	67.5	70.9	70.9	72.6	78.6
IV 14000		17.9	24.8	34.2	35.0	36.8	47.0	53.8	57.3	62.4	65.0	67.5	70.9	70.9	72.6	78.6
IV 12000		17.9	24.8	34.2	35.0	36.8	47.0	53.8	57.3	62.4	65.0	67.5	70.9	70.9	72.6	78.6
IV 10000		17.9	24.8	34.2	35.0	36.8	47.9	54.7	58.1	63.2	65.8	68.4	71.8	71.8	73.5	79.5
IV 9000		18.8	25.6	35.0	35.9	37.6	48.7	55.6	59.0	64.1	66.7	69.2	72.6	72.6	74.4	80.3
IV 8000		20.5	27.4	36.8	37.6	39.3	50.4	57.3	60.7	65.8	68.4	70.9	74.4	74.4	76.1	82.1
IV 7000		20.5	27.4	36.8	37.6	39.3	51.3	58.1	61.5	66.7	69.2	71.8	75.2	75.2	76.9	82.9
IV 6000		20.5	27.4	36.8	37.6	39.3	51.3	58.1	61.5	66.7	69.2	71.8	75.2	75.2	76.9	82.9
IV 5000		21.4	28.2	37.6	38.5	40.2	52.1	59.0	62.4	67.5	70.1	72.6	76.1	76.1	77.8	83.8
IV 4500		21.4	28.2	37.6	38.5	40.2	52.1	59.0	63.2	68.4	70.9	73.5	76.9	76.9	78.6	84.6
IV 4000		23.1	29.9	39.3	40.2	41.9	54.7	61.5	65.8	70.9	73.5	76.1	79.5	79.5	81.2	87.2
IV 3500		23.1	29.9	39.3	40.2	41.9	54.7	63.2	67.5	72.6	75.2	77.8	81.2	81.2	82.9	88.9
IV 3000		24.8	31.6	41.0	41.9	43.6	56.4	63.2	69.2	74.4	76.9	79.5	82.9	82.9	84.6	90.6
IV 2500		26.5	33.3	42.7	43.6	45.3	58.1	66.7	70.9	76.1	78.6	81.2	84.6	84.6	86.3	92.3
IV 2000		26.5	33.3	42.7	43.6	45.3	58.1	66.7	70.9	76.1	78.6	81.2	84.6	84.6	86.3	92.3
IV 1800		28.2	35.0	44.4	45.3	47.0	59.8	68.4	72.6	77.8	80.3	82.9	86.3	86.3	88.0	94.0
IV 1500		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	81.2	83.8	86.3	89.7	89.7	91.5	97.4
IV 1200		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	81.2	83.8	86.3	89.7	89.7	91.5	97.4
IV 1000		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	81.2	83.8	86.3	89.7	89.7	91.5	97.4
IV 900		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	81.2	83.8	86.3	89.7	89.7	91.5	97.4
IV 800		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	81.2	83.8	86.3	89.7	89.7	91.5	97.4
IV 700		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	81.2	83.8	86.3	89.7	89.7	91.5	97.4
IV 600		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	81.2	83.8	86.3	89.7	89.7	91.5	97.4
IV 500		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	81.2	83.8	86.3	89.7	89.7	91.5	97.4
IV 400		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	82.1	84.6	87.2	90.6	90.6	92.3	98.3
IV 300		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	82.1	84.6	87.2	90.6	90.6	92.3	98.3
IV 200		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	82.1	84.6	87.2	90.6	90.6	92.3	100.0
IV 100		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	82.1	84.6	87.2	90.6	90.6	92.3	100.0
IV 0		29.9	36.8	47.9	48.7	50.4	63.2	71.8	76.1	82.1	84.6	87.2	90.6	90.6	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS

117

USAF-ETAC

FORM 10-64

0-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWABISCH HALL AAF DL

58-76

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥	≥0	≥0
NO CEILING		23.0	25.1	27.1	29.6	30.2	33.0	35.8	36.6	37.7	36.5	39.0	39.7	40.6	41.1	45.3
≥ 20000		24.6	27.0	29.2	32.6	33.2	33.0	0.6	41.4	42.5	43.3	43.9	44.7	45.7	46.5	51.6
≥ 18000		24.6	27.0	29.2	32.6	33.2	33.0	0.6	41.4	42.5	43.3	43.9	44.7	45.7	46.6	51.6
IV 16000		24.6	27.0	29.2	32.6	33.2	33.0	0.6	41.4	42.5	43.3	43.9	44.7	45.7	46.6	51.6
IV 14000		24.6	27.0	29.2	32.6	33.2	33.0	0.6	41.4	42.5	43.3	43.9	44.7	45.7	46.6	51.6
IV 12000		24.7	27.1	29.4	32.7	33.5	33.5	41.4	42.2	43.3	44.1	44.7	45.5	46.5	47.4	52.6
IV 10000		25.8	28.4	30.8	34.3	35.1	40.3	43.8	44.6	45.7	46.5	47.3	48.1	49.1	50.1	55.7
IV 9000		26.4	29.2	31.6	35.2	36.2	41.5	45.0	45.8	47.0	47.8	48.6	49.4	50.5	51.4	57.0
IV 8000		30.3	33.8	36.4	40.6	41.7	47.4	51.4	52.2	53.8	54.6	55.4	56.2	57.3	58.2	64.1
IV 7000		32.3	36.2	39.0	43.4	44.5	50.3	54.3	55.1	56.9	57.7	58.5	59.3	60.3	61.2	67.2
IV 6000		32.4	36.3	39.1	43.5	44.6	50.6	54.6	55.7	57.4	58.2	59.0	59.8	60.9	61.8	67.8
IV 5000		33.9	37.8	40.9	45.7	46.7	53.0	57.1	58.2	59.9	60.9	61.7	62.5	63.6	64.5	70.6
IV 4500		35.1	39.0	42.3	47.7	48.7	55.1	59.3	60.3	62.1	63.0	63.8	64.6	65.7	66.6	72.6
IV 4000		36.8	41.0	44.5	50.6	51.7	58.3	62.6	64.1	65.8	66.8	67.6	68.8	69.8	70.8	76.8
IV 3500		37.8	42.2	45.7	52.1	53.1	60.1	64.8	66.2	68.0	69.2	70.0	71.2	72.4	73.3	79.4
IV 3000		38.6	43.1	46.6	53.8	55.0	62.1	66.9	68.5	70.2	71.4	72.2	73.4	74.6	75.6	81.7
IV 2500		39.4	44.1	47.5	55.1	56.3	63.6	68.4	70.1	71.8	73.0	73.8	75.0	76.2	77.2	83.3
IV 2000		40.5	45.3	48.7	56.5	57.7	64.9	69.8	71.6	73.3	74.5	75.3	76.5	77.7	78.6	84.8
IV 1800		40.9	45.7	49.1	56.9	58.1	65.3	70.2	72.0	73.7	74.9	75.7	76.9	78.1	79.0	85.2
IV 1500		42.3	47.1	50.9	58.6	59.9	67.2	72.2	74.0	75.7	76.9	77.7	78.9	80.1	81.0	87.2
IV 1200		43.0	48.3	52.1	60.5	61.8	69.0	74.5	76.2	78.1	79.3	80.1	81.3	82.5	83.4	89.6
IV 1000		43.8	49.3	53.0	61.8	63.2	70.8	76.4	78.1	80.1	81.3	82.1	83.3	84.5	85.4	91.6
IV 900		43.9	49.4	53.1	61.9	63.3	70.9	76.5	78.2	80.2	81.4	82.2	83.4	84.6	85.5	91.7
IV 800		44.2	49.7	53.4	62.2	63.6	71.2	76.9	78.8	80.9	82.1	82.9	84.1	85.3	86.2	92.4
IV 700		44.6	50.1	53.8	63.0	64.4	72.0	77.8	79.8	82.1	83.3	84.1	85.3	86.5	87.4	93.6
IV 600		44.6	50.1	53.8	63.0	64.4	72.1	78.0	80.8	83.0	84.6	85.4	86.6	88.0	89.1	95.2
IV 500		44.6	50.1	53.8	63.0	64.4	72.1	78.1	81.0	83.7	85.5	86.4	87.6	88.9	89.6	95.7
IV 400		44.6	50.1	53.8	63.0	64.4	72.1	78.1	81.0	83.7	85.5	86.4	87.6	88.9	90.3	96.7
IV 300		44.6	50.1	53.8	63.0	64.4	72.1	78.1	81.0	83.7	85.5	86.4	87.6	89.3	90.4	96.9
IV 200		44.6	50.1	53.8	63.0	64.4	72.1	78.1	81.0	83.7	85.5	86.4	87.6	89.3	90.4	97.2
IV 100		44.6	50.1	53.8	63.0	64.4	72.2	78.2	81.2	83.8	85.7	86.5	87.7	89.5	90.5	97.9
IV 0		44.6	50.1	53.8	63.0	64.4	72.2	78.2	81.2	83.8	85.7	86.5	87.7	89.5	90.5	100.0

TOTAL NUMBER OF OBSERVATIONS

749

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

AR-75

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	≥0
NO CEILING		28.5	31.0	33.6	39.6	39.7	41.3	42.1	42.4	42.5	42.3	42.8	42.8	42.8	43.2	43.4
≥ 20000		33.4	36.4	39.3	46.0	46.4	48.6	49.4	49.8	49.9	50.2	50.2	50.2	50.3	50.7	51.1
≥ 15000		33.4	36.4	39.3	46.0	46.4	48.6	49.4	49.8	49.9	50.2	50.2	50.3	50.3	50.7	51.1
≥ 14000		33.4	36.4	39.5	46.1	46.5	48.7	49.5	49.9	50.1	50.3	50.3	50.3	50.5	50.9	51.3
≥ 12000		33.6	36.7	39.9	46.6	47.0	49.3	50.1	50.5	50.6	50.9	50.9	51.0	51.0	51.4	51.8
≥ 10000		35.6	39.1	42.8	49.8	50.3	52.6	53.5	53.9	54.2	54.4	54.4	54.6	54.6	55.0	55.4
≥ 9000		36.8	40.4	44.2	51.3	51.8	54.0	55.0	55.4	55.6	55.9	55.9	56.0	56.0	56.4	56.8
≥ 8000		41.3	45.2	49.3	57.4	58.0	60.8	61.7	62.1	62.4	62.6	62.6	62.8	62.8	63.2	63.6
≥ 7000		44.5	48.3	52.5	60.3	61.5	64.2	65.2	65.6	65.8	66.1	66.1	66.2	66.2	66.6	67.0
≥ 6000		45.2	49.0	53.2	61.7	62.4	65.3	66.5	66.9	67.2	67.4	67.4	67.5	67.5	67.9	68.3
≥ 5000		47.4	51.3	55.5	64.4	65.0	67.9	69.1	69.5	69.8	70.1	70.1	70.2	70.2	70.6	71.0
≥ 4500		48.9	52.8	57.4	66.4	67.0	70.1	71.3	71.7	71.9	72.2	72.2	72.3	72.3	72.7	73.1
≥ 4000		50.5	54.0	59.5	69.0	69.9	73.6	74.8	75.2	75.5	75.8	75.8	75.9	75.9	76.3	76.7
≥ 3500		53.4	58.1	63.2	72.8	73.8	77.9	79.1	79.5	79.7	80.0	80.0	80.1	80.1	80.5	80.9
≥ 3000		56.6	61.5	66.8	77.0	77.9	82.1	83.4	83.8	84.1	84.4	84.4	84.5	84.5	84.9	85.3
≥ 2500		57.6	62.5	67.9	78.3	79.2	83.4	84.8	85.2	85.4	85.7	85.7	85.8	85.8	86.2	86.6
≥ 2000		58.9	63.8	69.3	79.7	80.7	84.9	86.2	86.6	86.9	87.2	87.2	87.3	87.3	87.7	88.1
≥ 1800		59.2	64.1	69.7	80.3	81.2	85.4	86.8	87.2	87.5	87.7	87.7	87.8	87.8	88.2	88.6
≥ 1500		60.5	65.4	71.3	82.4	83.3	87.5	88.9	89.4	89.7	89.9	89.9	90.1	90.1	90.5	90.9
≥ 1200		61.6	67.2	73.1	84.6	85.6	89.8	91.1	91.7	91.9	92.2	92.2	92.3	92.3	92.7	93.1
≥ 1000		61.7	67.5	73.5	85.3	86.2	90.7	92.1	92.7	93.0	93.2	93.2	93.5	93.5	93.9	94.3
≥ 900		62.4	68.2	74.2	86.0	86.9	91.4	92.7	93.4	93.6	93.9	93.9	94.2	94.2	94.6	95.0
≥ 800		62.6	68.5	74.4	86.5	87.4	92.1	93.4	94.0	94.4	94.7	94.7	95.0	95.1	95.5	95.9
≥ 700		62.8	68.7	74.7	87.2	88.1	92.7	94.0	94.7	95.1	95.4	95.4	95.6	95.6	96.0	96.4
≥ 600		62.8	68.7	74.7	87.5	88.7	93.6	95.0	95.8	96.4	96.7	96.7	97.0	97.1	97.5	97.9
≥ 500		62.8	68.7	74.7	87.7	88.9	93.9	95.2	96.0	96.7	97.0	97.0	97.2	97.2	97.6	98.0
≥ 400		62.8	68.7	74.7	87.7	88.9	93.9	95.2	96.0	96.7	97.0	97.0	97.2	97.2	97.6	98.0
≥ 300		62.8	68.7	74.7	87.7	88.9	93.9	95.2	96.2	97.1	97.4	97.4	97.7	97.7	98.1	98.5
≥ 200		62.8	68.7	74.7	87.7	88.9	93.9	95.2	96.2	97.1	97.4	97.4	97.7	97.7	98.1	98.5
≥ 100		62.8	68.7	74.7	87.7	88.9	93.9	95.2	96.2	97.1	97.4	97.4	97.7	97.7	98.1	98.5
≥ 0		62.8	68.7	74.7	87.7	88.9	93.9	95.2	96.2	97.1	97.4	97.4	97.7	97.7	98.1	98.5

TOTAL NUMBER OF OBSERVATIONS

755

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

02-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	42.5	43.5	44.0	45.2	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	49.5	50.4	51.1	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
W 18000	49.7	50.7	51.3	52.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
W 15000	49.7	50.7	51.3	52.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
W 14000	50.3	51.2	51.9	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
W 12000	50.9	51.9	52.5	53.8	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
W 10000	54.2	55.6	56.3	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
W 9000	56.1	57.4	58.2	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
W 8000	61.2	62.6	63.9	65.5	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
W 7000	64.8	66.5	68.0	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
W 6000	68.8	69.9	70.5	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
W 5000	69.2	71.3	72.9	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
W 4500	70.1	72.2	73.8	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
W 4000	73.0	75.3	77.0	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
W 3500	77.5	80.2	81.7	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
W 3000	82.3	85.1	86.9	90.1	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
W 2500	83.7	86.5	88.4	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
W 2000	86.2	89.0	91.0	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
W 1800	85.8	89.6	91.5	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
W 1500	87.4	90.3	92.5	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
W 1200	88.4	91.3	93.4	96.8	96.8	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
W 1000	88.5	91.4	93.7	97.6	97.6	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
W 900	88.5	91.4	93.8	97.8	97.8	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
W 800	88.5	91.4	94.2	98.3	98.3	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
W 700	88.5	91.4	94.2	98.3	98.3	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
W 600	88.5	91.4	94.2	98.4	98.4	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
W 500	88.5	91.4	94.2	98.4	98.4	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
W 400	88.5	91.4	94.2	98.4	98.4	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
W 300	88.5	91.4	94.2	98.4	98.4	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
W 200	88.5	91.4	94.2	98.4	98.4	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
W 100	88.5	91.4	94.2	98.4	98.4	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
W 0	88.5	91.4	94.2	98.4	98.4	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

756

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

09-76

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.1	≥0
NO CEILING		45.6	46.7	47.0	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000		53.0	53.3	53.6	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
W 18000		53.4	53.7	54.0	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
W 16000		53.4	53.7	54.0	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
W 14000		54.6	54.9	55.2	55.6	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
W 12000		55.3	55.6	55.9	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
W 10000		59.5	60.2	60.4	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
W 9000		61.6	62.4	62.7	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
W 8000		68.9	70.0	70.4	70.6	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
W 7000		73.1	74.2	74.6	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
W 6000		75.0	76.2	76.7	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
W 5000		76.4	77.7	78.2	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
W 4500		78.2	79.4	79.9	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
W 4000		81.2	82.6	83.2	83.8	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
W 3500		85.2	86.7	87.3	88.0	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
W 3000		87.2	89.2	89.9	90.7	90.8	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
W 2500		88.8	91.0	91.7	92.6	92.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
W 2000		90.4	92.6	93.3	94.6	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
W 1800		91.4	93.5	94.6	95.7	95.8	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
W 1500		92.1	94.2	95.3	96.4	96.5	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
W 1200		92.6	94.8	95.8	97.2	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
W 1000		92.7	94.9	96.0	97.3	97.6	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
W 900		92.9	95.0	96.1	97.4	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
W 800		93.0	95.3	96.4	97.7	98.0	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
W 700		93.0	95.3	96.4	97.7	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
W 600		93.0	95.3	96.4	97.6	98.1	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
W 500		93.1	95.6	96.6	98.1	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
W 400		93.3	95.7	96.8	98.3	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 300		93.3	95.7	96.8	98.3	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 200		93.3	95.7	96.8	98.3	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 100		93.3	95.7	96.8	98.3	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 0		93.3	95.7	96.8	98.3	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

743

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

68-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
MOON'S DISC

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	47.5	49.2	49.5	51.7	51.7	51.8	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 20000	54.5	56.4	56.9	59.4	59.4	59.7	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000	54.9	56.7	57.2	59.7	59.7	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	54.9	56.7	57.2	59.7	59.7	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	55.2	57.0	57.5	60.1	60.1	60.4	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	56.9	58.7	59.2	61.7	61.7	62.1	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	60.1	61.9	63.3	65.8	65.8	66.1	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	61.1	62.9	64.4	66.9	66.9	67.4	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	66.1	68.0	69.5	72.5	72.7	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	68.5	70.3	71.8	75.7	75.8	76.7	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	70.8	72.7	74.2	78.0	78.2	79.0	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	73.2	75.2	76.7	80.7	80.9	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	73.8	75.8	77.3	81.5	81.7	82.6	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4000	76.5	78.5	80.4	84.7	84.9	85.7	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	78.5	80.7	82.6	86.9	87.1	87.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	80.0	82.2	84.1	89.1	89.3	90.4	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	82.0	84.2	86.1	91.3	91.4	92.8	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	82.6	84.7	86.6	91.8	91.9	93.3	94.5	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	83.2	85.4	87.2	92.4	92.6	94.0	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	83.4	85.6	87.4	92.8	93.0	94.5	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	83.7	85.9	87.8	93.1	93.3	94.8	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	84.2	86.4	88.3	93.8	94.0	95.6	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	84.2	86.4	88.3	93.8	94.0	95.6	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	84.2	86.4	88.3	93.8	94.0	95.6	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	84.2	86.4	88.3	93.8	94.0	95.6	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	84.2	86.4	88.3	93.8	94.0	95.6	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	84.2	86.4	88.3	93.8	94.0	95.6	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	84.2	86.4	88.3	93.8	94.0	95.6	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	84.2	86.4	88.3	93.8	94.0	95.6	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	84.2	86.4	88.3	93.8	94.0	95.6	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	84.2	86.4	88.3	93.8	94.0	95.6	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 0	84.2	86.4	88.3	93.8	94.0	95.6	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS

596

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

77-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5'10"	≥5'	≥0
NO CEILING		30.4	39.1	43.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000		30.4	39.1	43.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 18000		30.4	39.1	43.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 16000		30.4	39.1	43.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 14000		30.4	39.1	43.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 12000		30.4	39.1	43.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 10000		30.4	39.1	43.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 9000		30.4	39.1	43.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 8000		30.4	39.1	47.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 7000		34.8	43.5	56.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 6000		34.8	43.5	56.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 5000		39.1	47.8	60.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 4500		39.1	47.8	60.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 4000		39.1	47.8	60.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 3500		39.1	47.8	60.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 3000		43.5	52.2	65.2	78.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 2500		43.5	52.2	65.2	78.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 2000		43.5	52.2	65.2	78.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 1800		43.5	52.2	65.2	78.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 1500		43.5	52.2	65.2	82.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 1200		43.5	52.2	65.2	82.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 1000		47.8	56.5	69.6	87.0	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900		47.8	56.5	69.6	87.0	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800		47.8	56.5	69.6	87.0	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700		47.8	56.5	69.6	87.0	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		47.8	56.5	69.6	87.0	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		47.8	56.5	69.6	87.0	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		47.8	56.5	69.6	87.0	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		47.8	56.5	69.6	87.0	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		47.8	56.5	69.6	87.0	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		47.8	56.5	69.6	87.0	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		47.8	56.5	69.6	87.0	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

23

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAERISCH HALL AAF DL

58-76

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥ 1/8	≥ 1/16	≥ 1/20
NO CEILING	35.5	30.2	29.7	42.1	42.2	43.7	44.5	44.9	45.3	45.0	45.3	46.0	46.2	46.4	47.5	
≥ 20000	41.5	43.5	45.2	46.0	48.3	50.1	51.1	51.5	51.9	52.2	52.4	52.7	52.9	53.2	54.2	
≥ 18000	41.8	43.7	45.3	48.2	48.4	50.3	51.3	51.7	52.1	52.4	52.6	52.9	53.0	53.4	54.7	
≥ 16000	41.8	43.7	45.3	48.2	48.4	50.3	51.3	51.7	52.1	52.4	52.6	52.9	53.0	53.4	54.7	
≥ 14000	42.2	44.1	45.8	48.6	48.9	50.7	51.7	52.1	52.5	52.6	53.0	53.3	53.5	53.8	55.1	
≥ 12000	42.8	44.7	46.4	49.3	49.6	51.5	52.5	52.9	53.3	53.6	53.9	54.1	54.3	54.6	55.9	
≥ 10000	45.3	47.6	49.5	52.6	52.9	54.9	56.1	56.4	56.9	57.2	57.4	57.7	57.9	58.2	59.6	
≥ 9000	45.8	49.1	51.1	54.1	54.5	56.5	57.7	58.0	58.5	58.8	59.0	59.3	59.5	59.7	61.2	
≥ 8000	51.9	54.4	56.7	60.2	60.5	62.9	64.2	64.5	65.1	65.4	65.6	65.9	66.1	66.4	67.9	
≥ 7000	54.9	57.5	59.9	63.7	64.1	66.5	67.8	68.1	68.7	69.0	69.2	69.5	69.7	70.1	71.5	
≥ 6000	56.2	59.0	61.4	65.2	65.7	68.1	69.4	69.9	70.4	70.7	71.0	71.3	71.5	71.8	73.3	
≥ 5000	58.1	60.9	63.4	67.5	67.9	70.4	71.7	72.2	72.7	73.0	73.3	73.6	73.8	74.1	75.5	
≥ 4500	59.3	62.1	64.8	69.0	69.5	72.0	73.4	73.9	74.4	74.7	75.0	75.3	75.5	75.8	77.3	
≥ 4000	61.6	64.6	67.4	72.1	72.6	75.3	76.8	77.4	77.9	78.2	78.5	78.8	79.1	79.4	80.9	
≥ 3500	64.4	67.7	70.6	75.3	75.8	78.8	80.4	81.0	81.5	81.9	82.1	82.5	82.8	83.1	84.6	
≥ 3000	66.9	70.4	73.3	78.6	79.1	82.2	83.9	84.5	85.1	85.5	85.7	86.1	86.3	86.6	88.1	
≥ 2500	68.3	71.8	74.8	80.2	80.7	83.9	85.6	86.2	86.8	87.1	87.4	87.8	88.0	88.3	89.8	
≥ 2000	69.7	73.2	76.3	81.7	82.3	85.5	87.2	87.8	88.4	88.8	89.0	89.4	89.6	89.9	91.4	
≥ 1800	70.3	73.8	76.7	82.4	83.0	86.1	87.9	88.5	89.1	89.4	89.7	90.1	90.3	90.6	92.1	
≥ 1500	71.2	74.8	78.0	83.7	84.3	87.5	89.3	89.9	90.5	90.9	91.1	91.5	91.7	92.1	93.6	
≥ 1200	71.9	75.7	79.0	85.0	85.6	88.7	90.7	91.3	92.0	92.3	92.6	92.9	93.2	93.5	95.0	
≥ 1000	72.2	76.1	79.5	85.7	86.3	89.7	91.8	92.5	93.2	93.5	93.8	94.2	94.4	94.7	96.2	
≥ 900	72.4	76.3	79.7	85.9	86.5	89.9	92.0	92.7	93.4	93.7	94.0	94.4	94.6	94.9	96.4	
≥ 800	72.5	76.5	79.9	86.2	86.8	90.3	92.4	93.2	93.9	94.3	94.5	94.9	95.2	95.5	97.0	
≥ 700	72.6	76.6	80.1	86.5	87.2	90.7	92.8	93.6	94.4	94.8	95.0	95.4	95.7	96.0	97.5	
≥ 600	72.6	76.6	80.1	86.5	87.4	91.0	93.1	94.1	94.9	95.3	95.5	96.0	96.3	96.6	98.1	
≥ 500	72.7	76.7	80.2	86.9	87.6	91.2	93.3	94.4	95.2	95.7	96.0	96.4	96.7	97.0	98.5	
≥ 400	72.7	76.7	80.2	86.9	87.6	91.2	93.4	94.5	95.5	96.0	96.3	96.7	97.0	97.4	98.9	
≥ 300	72.7	76.7	80.2	86.9	87.6	91.2	93.4	94.5	95.5	96.1	96.4	96.8	97.1	97.5	99.1	
≥ 200	72.7	76.7	80.2	86.9	87.6	91.2	93.4	94.5	95.5	96.1	96.4	96.8	97.2	97.6	99.4	
≥ 100	72.7	76.7	80.2	86.9	87.6	91.2	93.4	94.5	95.5	96.1	96.4	96.8	97.2	97.6	99.5	
≥ 0	72.7	76.7	80.2	86.9	87.6	91.2	93.4	94.5	95.5	96.1	96.4	96.8	97.2	97.6	100.0	

TOTAL NUMBER OF OBSERVATIONS

3740

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHAEERISCH HALL AAF DL

09-70,78

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0	
NO CEILING		3.7	10.2	10.2	10.2	10.2	12.0	14.8	17.6	20.4	22.2	22.2	25.0	30.6	31.5	39.6	
≥ 20000		3.7	10.2	12.0	12.0	12.0	12.0	13.9	16.7	19.4	22.2	24.1	24.1	26.9	32.4	33.3	41.7
IV 18000		3.7	10.2	12.0	12.0	12.0	12.0	13.9	16.7	19.4	22.2	24.1	24.1	26.9	32.4	33.3	41.7
IV 16000		3.7	10.2	12.0	12.0	12.0	12.0	13.9	16.7	19.4	22.2	24.1	24.1	26.9	32.4	33.3	41.7
IV 14000		3.7	10.2	12.0	12.0	12.0	12.0	13.9	16.7	19.4	22.2	24.1	24.1	26.9	32.4	33.3	41.7
IV 12000		3.7	10.2	12.0	12.0	12.0	12.0	13.9	16.7	19.4	22.2	24.1	24.1	26.9	32.4	33.3	41.7
IV 10000		3.7	10.2	12.0	12.0	12.0	12.0	13.9	16.7	19.4	22.2	24.1	24.1	26.9	32.4	33.3	41.7
IV 9000		3.7	11.1	13.0	13.0	13.0	14.8	17.6	20.4	23.1	25.0	25.0	27.8	33.3	34.3	42.5	
IV 8000		5.6	13.0	14.8	14.8	14.8	16.7	19.4	22.2	25.0	26.9	26.9	29.6	35.2	36.1	44.4	
IV 7000		7.4	14.8	16.7	16.7	16.7	18.5	21.3	24.1	26.9	28.7	28.7	31.5	38.0	38.9	47.2	
IV 6000		7.4	14.8	16.7	16.7	16.7	18.5	21.3	24.1	26.9	28.7	28.7	31.5	38.0	38.9	47.2	
IV 5000		9.3	16.7	17.6	17.6	17.6	19.4	22.2	25.0	27.8	29.6	29.6	32.4	38.9	39.8	48.1	
IV 4500		11.1	18.5	21.3	21.3	21.3	23.1	25.9	28.7	31.5	33.3	33.3	36.1	42.6	43.5	51.9	
IV 4000		13.0	20.4	23.1	23.1	23.1	25.0	27.8	30.6	33.3	35.2	35.2	38.0	44.4	45.4	53.7	
IV 3500		13.9	21.3	25.0	25.0	25.0	26.9	29.6	32.4	35.2	37.0	37.0	39.8	46.3	47.2	55.6	
IV 3000		15.7	23.1	26.9	26.9	26.9	29.6	32.4	35.2	38.0	39.8	39.8	42.6	49.1	50.0	58.3	
IV 2500		17.6	25.0	28.7	28.7	28.7	31.2	34.3	37.0	39.8	41.7	41.7	44.4	50.9	51.9	60.2	
IV 2000		19.4	26.9	30.6	30.6	30.6	33.3	36.1	38.9	41.7	43.5	43.5	46.3	52.8	53.7	62.0	
IV 1800		19.4	26.9	30.6	30.6	30.6	33.3	36.1	38.9	41.7	43.5	43.5	46.3	52.8	53.7	62.0	
IV 1500		19.4	26.9	30.6	30.6	30.6	33.3	36.1	38.9	41.7	43.5	43.5	46.3	52.8	53.7	62.0	
IV 1200		20.4	29.6	36.1	36.0	36.0	42.6	46.3	49.1	52.8	54.6	54.6	57.4	63.9	64.8	73.1	
IV 1000		20.4	29.6	36.1	36.0	36.0	42.6	46.3	49.1	52.8	54.6	54.6	57.4	63.9	64.8	73.1	
IV 900		20.4	29.6	36.1	36.0	36.0	42.6	46.3	49.1	52.8	54.6	54.6	57.4	63.9	64.8	73.1	
IV 800		20.4	29.6	36.1	36.0	36.0	42.6	46.3	49.1	52.8	54.6	54.6	57.4	63.9	64.8	73.1	
IV 700		20.4	29.6	36.1	36.0	36.0	42.6	46.3	49.1	52.8	54.6	54.6	57.4	63.9	64.8	73.1	
IV 600		20.4	29.6	36.1	36.0	36.0	42.6	46.3	49.1	52.8	54.6	54.6	57.4	63.9	64.8	73.1	
IV 500		20.4	29.6	36.1	36.0	36.0	42.6	46.3	49.1	52.8	54.6	54.6	57.4	63.9	64.8	73.1	
IV 400		20.4	31.5	38.0	39.8	39.8	45.4	48.1	53.7	57.4	59.3	59.3	62.0	68.5	69.4	77.8	
IV 300		20.4	31.5	38.0	39.8	39.8	45.4	48.1	53.7	57.4	59.3	59.3	62.0	68.5	69.4	77.8	
IV 200		20.4	31.5	38.0	39.8	39.8	45.4	48.1	53.7	57.4	59.3	59.3	62.0	68.5	69.4	77.8	
IV 100		20.4	31.5	38.0	39.8	39.8	45.4	48.1	53.7	57.4	59.3	59.3	62.0	68.5	69.4	77.8	
IV 0		20.4	31.5	38.0	39.8	39.8	45.4	48.1	53.7	57.4	59.3	59.3	62.0	68.5	69.4	77.8	

TOTAL NUMBER OF OBSERVATIONS

108

GLOBAL CLIMATELOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34074 SCHWAERISCH HALL SAF DL

2-7

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1952-50

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		12.4	13.2	14.5	16.2	16.4	1.6	20.6	21.2	22.2	22.2	22.2	24.3	25.4	26.1	26.4
≥ 20000		15.1	15.9	17.2	19.4	19.5	22.0	24.0	24.8	25.8	25.8	25.7	26.1	27.2	28.2	28.2
≥ 18000		15.1	15.9	17.2	19.4	19.6	22.0	24.0	24.8	25.8	25.8	25.7	26.1	27.2	28.2	28.2
IV 16000		15.2	16.3	17.3	19.6	19.7	22.1	24.1	24.9	25.9	25.9	25.8	26.2	27.3	28.3	28.3
IV 14000		15.5	16.3	17.5	19.8	19.9	22.4	24.4	25.2	26.2	26.2	26.7	27.1	28.5	29.4	29.4
IV 12000		15.6	16.4	17.7	19.9	20.1	22.5	24.5	25.3	26.4	26.4	26.9	27.3	28.7	29.6	29.6
IV 10000		15.8	16.6	18.2	20.5	20.6	23.3	25.4	26.2	27.3	27.3	27.9	28.3	29.7	30.6	30.6
IV 9000		15.9	16.6	18.2	20.5	20.6	23.3	25.4	26.2	27.4	27.4	28.0	28.4	29.8	30.7	30.7
IV 8000		17.5	18.6	20.5	23.2	23.4	26.2	28.6	29.4	30.6	31.1	31.5	32.3	33.8	34.4	34.4
IV 7000		18.8	20.2	22.1	25.0	25.3	28.3	30.6	31.4	32.7	33.2	33.4	34.3	35.8	36.5	36.5
IV 6000		19.3	20.7	22.6	25.5	25.8	28.9	31.1	31.9	33.2	33.7	34.1	35.0	36.5	37.0	37.0
IV 5000		20.1	21.5	23.4	26.3	26.6	29.6	31.9	32.7	33.9	34.4	34.8	35.6	37.1	37.7	37.7
IV 4500		20.5	21.9	23.9	26.9	27.2	30.4	32.8	33.5	34.8	35.3	35.7	36.5	38.0	38.6	38.6
IV 4000		22.0	23.4	25.5	29.4	29.6	32.0	33.5	36.2	37.5	38.0	38.4	39.2	41.3	42.3	42.3
IV 3500		23.6	25.0	27.4	31.6	32.0	35.5	37.9	38.6	40.0	40.5	40.9	42.7	43.8	45.1	45.1
IV 3000		26.9	28.7	31.3	35.6	36.3	40.0	42.4	43.2	44.9	45.3	45.9	47.6	48.9	50.2	50.2
IV 2500		28.2	30.2	33.3	37.9	38.4	42.3	44.7	45.5	47.1	47.8	48.2	50.1	51.2	52.5	52.5
IV 2000		30.5	32.8	36.0	41.3	41.8	45.0	48.5	49.3	51.0	51.6	52.0	53.9	55.0	56.2	56.2
IV 1800		30.5	32.9	36.1	41.6	42.3	45.6	49.3	50.2	51.8	52.5	52.9	54.8	55.9	57.2	57.2
IV 1500		31.3	34.1	37.5	44.7	45.2	48.6	52.6	53.6	55.4	56.0	56.4	58.3	59.5	60.7	60.7
IV 1200		33.3	36.3	40.4	48.7	49.6	54.1	57.9	59.0	60.7	61.4	61.8	63.7	64.8	66.1	66.1
IV 1000		34.2	37.6	42.3	51.6	52.5	57.4	61.5	62.6	64.4	65.2	65.6	67.5	68.6	69.9	69.9
IV 900		34.7	38.2	43.3	52.6	53.5	58.3	63.0	64.4	66.3	67.1	67.5	69.4	70.5	71.8	71.8
IV 800		35.6	39.3	44.3	54.1	55.1	60.7	65.4	67.0	68.9	69.6	70.0	71.9	73.1	74.3	74.3
IV 700		35.8	39.5	45.1	55.7	56.7	62.3	68.1	69.8	71.9	72.7	73.1	75.0	76.1	77.4	77.4
IV 600		36.0	39.6	45.4	55.9	57.1	62.9	69.3	71.4	73.6	74.7	75.1	77.0	78.1	79.3	79.3
IV 500		36.0	39.8	45.5	56.7	57.9	64.0	70.5	72.8	75.3	76.6	77.1	79.2	80.3	81.7	81.7
IV 400		36.2	40.0	45.7	57.1	58.4	64.5	71.3	73.7	76.9	78.3	78.8	80.9	82.1	83.3	83.3
IV 300		36.2	40.0	45.7	57.1	58.4	64.5	71.5	74.1	77.5	79.0	79.7	82.0	83.2	84.6	84.6
IV 200		36.2	40.0	45.7	57.1	58.4	64.5	71.5	74.1	77.9	79.5	80.3	82.7	84.4	85.9	85.9
IV 100		36.2	40.0	45.7	57.1	58.4	64.5	71.5	74.1	77.9	79.7	80.4	82.8	84.6	86.0	86.0
IV 0		36.2	40.0	45.7	57.1	58.4	64.5	71.5	74.1	77.9	79.7	80.4	82.8	84.6	86.0	86.0

TOTAL NUMBER OF OBSERVATIONS

787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

34074 SCHWABERISCH HALL AFB AL

2-7

LC7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1954

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥1	≥1	≥1	≥1	≥1/2	≥1/2	≥0
NO CEILING	22.2	24.6	26.3	30.9	31.3	35.0	34.2	34.6	35.7	36.2	36.2	36.2	36.4	36.5	36.5	37.0
18000	22.2	24.6	26.3	30.9	31.3	35.0	34.2	34.6	35.7	36.2	36.2	36.2	36.4	36.5	36.5	37.0
16000	22.9	25.1	27.5	31.4	31.8	35.0	34.7	35.4	36.2	36.7	36.7	36.9	37.0	37.0	37.0	37.3
14000	22.9	25.1	27.5	31.4	31.8	35.0	34.7	35.4	36.2	36.7	36.7	36.9	37.0	37.0	37.0	37.3
2000	23.9	25.1	28.3	32.4	32.8	35.0	35.9	36.3	37.4	37.9	37.9	38.1	38.3	38.3	38.3	38.4
10000	24.5	26.9	29.7	33.5	33.7	35.4	36.7	37.4	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4
9000	24.5	26.9	29.7	33.5	33.7	35.4	36.7	37.4	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4
8000	26.2	29.0	31.6	35.9	35.2	36.3	39.6	40.4	41.3	41.5	41.5	42.0	42.2	42.2	42.2	42.4
7000	27.1	29.7	32.4	36.5	37.2	38.3	40.8	41.4	42.3	42.3	42.3	43.2	43.3	43.3	43.3	44.0
6000	27.4	29.9	32.5	37.4	37.8	39.7	41.4	42.0	42.9	43.4	43.4	43.9	43.9	43.9	43.9	45.2
5000	28.4	30.7	34.1	38.6	39.0	41.2	42.7	43.3	44.2	44.7	44.7	45.1	45.1	45.1	45.1	46.5
4500	28.8	31.3	34.7	39.4	39.8	42.0	43.6	44.2	45.1	45.3	45.6	46.0	46.1	46.1	46.1	47.3
4000	30.1	32.6	36.1	41.3	41.7	43.9	45.5	46.1	47.0	47.6	47.6	48.0	48.1	48.1	48.1	49.3
3500	32.1	34.6	38.5	43.8	44.4	46.7	48.2	49.0	49.9	50.5	50.5	50.9	51.0	51.0	51.0	52.3
3000	35.2	38.4	42.2	48.0	48.7	51.1	52.7	53.5	54.4	55.2	55.1	55.6	55.7	55.7	55.7	56.9
2500	37.5	41.0	44.9	51.1	52.0	54.7	56.2	57.1	58.1	58.7	58.7	59.2	59.3	59.3	59.3	60.6
2000	39.1	42.8	46.8	53.3	54.3	57.3	58.8	59.7	60.7	61.4	61.4	61.9	62.0	62.0	62.0	63.3
1800	39.9	43.6	47.5	54.0	55.1	58.1	59.7	60.7	61.7	62.4	62.4	62.9	63.0	63.0	63.0	64.3
1500	41.7	45.3	50.0	56.9	58.0	61.0	62.8	63.5	64.8	65.4	65.4	65.9	66.0	66.0	66.0	67.3
1200	44.7	49.3	53.9	61.4	62.4	65.9	68.1	69.1	70.1	70.7	70.7	71.2	71.3	71.3	71.3	72.6
1000	46.7	51.9	56.8	64.6	65.9	69.8	72.3	73.4	74.4	75.0	75.0	75.5	75.6	75.6	75.6	76.9
900	47.7	52.9	58.0	66.3	67.7	71.7	74.7	75.8	76.8	77.4	77.4	77.9	78.0	78.0	78.0	79.3
800	48.9	54.3	59.5	68.1	69.6	73.9	77.1	78.3	79.3	79.9	79.9	80.4	80.6	80.6	80.6	81.9
700	49.2	54.8	60.0	69.6	71.1	75.6	79.8	81.1	82.1	82.6	82.6	83.3	83.5	83.5	83.5	84.7
600	49.5	55.3	60.6	70.3	71.8	77.0	81.6	82.8	84.1	85.0	85.0	85.5	85.6	85.6	85.6	86.9
500	49.7	55.6	60.9	70.8	72.3	78.0	83.1	84.7	86.9	88.0	88.0	88.5	88.8	88.8	88.8	90.5
400	49.7	55.6	60.9	70.8	72.3	78.4	84.1	85.9	88.5	89.6	89.6	90.0	91.0	91.4	91.4	92.7
300	49.7	55.6	60.9	70.8	72.3	78.8	84.6	86.6	89.4	91.0	91.3	92.4	92.9	93.3	93.3	96.2
200	49.7	55.6	60.9	70.8	72.3	78.8	84.6	86.6	89.4	91.0	91.7	93.1	93.6	94.1	94.1	98.7
100	49.7	55.6	60.9	70.8	72.3	78.8	84.6	86.6	89.4	91.0	91.7	93.1	93.7	94.3	94.3	99.6
0	49.7	55.6	60.9	70.8	72.3	78.8	84.6	86.6	89.4	91.0	91.7	93.1	93.7	94.4	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS

792

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

34074 SCHWAEPISC HALL AAF LL

0-7

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		31.2	33.5	35.7	37.7	37.9	38.3	38.4	38.5	38.5	38.7	38.7	38.7	38.7	38.7
≥ 20000		37.3	39.7	41.4	44.2	44.6	45.2	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7
≥ 18000		37.2	39.7	41.4	44.2	44.6	45.2	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7
≥ 16000		37.2	39.7	41.4	44.2	44.6	45.2	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7
≥ 14000		37.4	39.6	41.6	44.3	44.7	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 12000		37.9	40.3	42.1	44.3	45.2	45.8	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 10000		39.3	41.7	43.5	46.2	46.5	47.2	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 9000		39.4	41.8	43.6	46.3	46.7	47.4	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 8000		43.8	46.2	48.2	51.5	52.0	52.8	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5
≥ 7000		45.2	47.6	49.5	53.3	53.8	54.5	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 6000		45.3	47.7	50.0	53.4	53.9	54.7	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4
≥ 5000		47.5	49.9	52.1	55.3	56.0	56.8	57.3	57.4	57.4	57.6	57.6	57.6	57.6	57.6
≥ 4000		49.4	51.8	54.0	57.4	57.9	58.7	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4
≥ 3500		51.5	54.2	56.5	60.2	60.7	61.6	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 3000		54.0	59.1	62.1	66.2	66.8	67.8	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 2500		58.4	61.5	64.5	67.3	69.8	70.8	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2000		61.5	64.7	67.9	72.9	73.6	74.6	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1800		62.5	66.6	69.8	74.9	75.6	76.7	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1500		64.2	70.3	73.7	79.3	80.0	81.2	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200		65.4	73.2	77.0	83.2	83.9	85.5	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000		69.0	73.9	77.7	85.4	86.1	87.9	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900		69.5	74.7	78.6	86.5	87.3	89.2	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 800		70.8	76.5	80.6	88.9	89.7	91.8	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700		71.4	77.3	81.6	90.9	91.7	94.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600		71.4	77.3	81.7	91.1	91.9	95.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500		71.4	77.5	81.9	91.3	92.2	95.6	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400		71.4	77.5	81.9	91.3	92.2	95.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300		71.4	77.5	81.9	91.3	92.2	95.7	97.7	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200		71.4	77.5	81.9	91.3	92.2	95.7	97.7	98.5	99.0	99.4	99.4	99.4	99.4	99.4
≥ 100		71.4	77.5	81.9	91.3	92.2	95.7	97.7	98.5	99.0	99.4	99.4	99.5	99.6	99.7
≥ 0		71.4	77.5	81.9	91.3	92.2	95.7	97.7	98.5	99.0	99.4	99.4	99.5	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS

794

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWABERISCH HALL AFB AL

3-71

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

150-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.2	≥.15	≥.1	≥0	
NO CEILING	34.5	35.2	35.1	41.1	41.5	43.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	
≥ 20000	41.5	43.5	45.5	46.7	49.1	5.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
IV 18000	41.5	43.5	45.5	46.7	49.1	5.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
IV 16000	41.5	43.5	45.5	46.7	49.1	5.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
IV 14000	42.2	44.0	45.0	47.1	49.4	5.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	
IV 12000	42.7	44.5	46.5	49.6	49.9	51.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	
IV 10000	44.7	45.9	47.9	50.9	51.3	52.6	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
IV 9000	44.5	46.4	48.4	51.5	51.8	54.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
IV 8000	46.1	50.9	53.2	56.5	57.0	57.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	
IV 7000	50.4	52.6	55.0	58.7	58.0	60.6	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
IV 6000	50.9	53.1	55.3	59.2	59.5	61.1	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	
IV 5000	52.3	54.6	57.1	60.6	61.2	62.7	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	
IV 4500	54.7	56.0	58.5	62.3	62.7	64.2	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	
IV 4000	55.1	58.7	61.4	65.2	65.6	67.1	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	
IV 3500	59.7	62.5	65.2	69.2	69.5	71.2	71.8	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
IV 3000	63.1	65.9	69.3	73.0	74.0	75.6	75.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
IV 2500	65.2	69.5	72.9	77.2	77.6	79.3	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
IV 2000	70.0	73.3	76.9	81.2	81.7	83.3	84.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
IV 1800	70.4	73.7	77.2	81.7	82.0	84.1	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
IV 1500	72.8	76.5	80.5	85.5	85.8	87.9	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
IV 1200	73.6	77.7	81.8	86.9	87.4	89.9	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
IV 1000	74.3	79.1	83.2	89.1	89.5	92.5	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
IV 900	74.6	79.4	83.5	89.9	90.5	93.4	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
IV 800	75.1	80.0	84.6	90.9	91.5	94.6	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
IV 700	75.3	80.3	85.0	91.4	92.0	95.0	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
IV 600	75.5	80.4	85.2	91.7	92.4	96.6	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
IV 500	75.7	80.5	85.3	92.0	92.8	97.1	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
IV 400	75.6	80.5	85.3	92.0	92.8	97.1	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
IV 300	75.6	80.5	85.3	92.0	92.8	97.1	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
IV 200	75.6	80.5	85.3	92.0	92.8	97.1	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
IV 100	75.6	80.5	85.3	92.0	92.8	97.1	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
IV 0	75.6	80.5	85.3	92.0	92.8	97.1	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	

TOTAL NUMBER OF OBSERVATIONS

791

1
 GLOBAL CLIMATE DATA
 USAF ETAC
 AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

34074 SCHAEFERS HALL AFB TX

2-7

67

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

160-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.15	≥0.1	≥0	
NO CEILING		32.1	34.9	36.9	40.0	41.4	44.0	46.0	48.3	48.9	48.9	46.9	46.0	45.0	47.0	
≥ 20000		32.3	36.0	40.7	45.0	45.3	44.5	50.9	51.4	52.1	52.1	52.1	52.1	52.1	52.1	
IV 16000		35.2	38.5	40.7	45.3	45.9	44.5	50.9	51.4	52.1	52.1	52.1	52.1	52.1	52.4	
IV 14000		35.2	38.5	40.7	45.3	45.9	44.5	50.9	51.4	52.1	52.1	52.1	52.1	52.1	52.4	
IV 12000		36.3	39.7	42.1	46.8	47.2	44.8	52.1	52.7	53.4	53.4	53.4	53.4	53.4	53.7	
IV 10000		37.5	41.2	43.7	48.6	49.2	52.0	54.3	54.8	55.6	55.6	55.6	55.6	55.6	55.9	
IV 9000		37.9	41.5	44.1	48.9	49.5	52.2	54.6	55.1	55.9	55.9	55.9	55.9	55.9	56.2	
IV 8000		40.1	43.7	46.5	51.7	52.5	55.3	57.6	58.3	59.0	59.2	59.2	59.2	59.2	59.5	
IV 7000		41.0	44.7	47.5	53.0	53.8	56.6	59.0	59.8	60.5	60.5	60.5	60.5	60.5	60.8	
IV 6000		41.8	45.6	48.3	53.8	54.7	57.5	59.9	60.6	61.6	61.6	61.6	61.6	61.6	61.9	
IV 5000		43.4	47.3	50.2	55.7	56.6	59.3	61.8	62.5	63.5	63.7	63.7	63.7	63.7	64.0	
IV 4500		45.0	48.9	51.7	57.7	58.6	61.4	64.0	64.7	65.7	65.8	65.8	65.8	65.8	66.1	
IV 4000		44.5	50.2	53.1	59.3	60.2	63.1	65.7	66.4	67.4	67.4	67.4	67.4	67.4	67.7	
IV 3500		45.2	52.2	55.2	62.2	63.1	66.0	69.0	69.8	70.8	70.9	70.9	70.9	70.9	71.2	
IV 3000		50.9	55.4	58.3	65.7	66.6	69.5	73.4	74.1	75.1	75.3	75.3	75.3	75.3	75.7	
IV 2500		53.1	57.9	61.0	69.6	70.5	74.7	77.3	78.0	79.3	79.5	79.5	79.5	79.5	79.9	
IV 2000		54.8	59.8	63.3	71.9	72.8	77.0	79.6	80.3	81.8	81.9	81.9	81.9	81.9	82.2	
IV 1800		55.0	59.9	63.7	72.1	72.9	77.1	79.9	80.5	82.1	82.2	82.2	82.2	82.2	82.6	
IV 1500		54.9	62.4	66.3	76.1	77.0	81.6	84.4	85.1	86.5	86.7	86.7	86.7	86.7	87.1	
IV 1200		57.0	62.5	66.9	77.3	78.3	83.1	86.1	87.0	89.4	89.6	89.6	89.6	89.6	89.9	
IV 1000		57.5	64.0	68.2	79.5	80.5	85.1	89.6	90.7	92.2	92.3	92.3	92.3	92.3	92.6	
IV 900		57.5	64.0	68.2	80.2	81.3	87.3	90.8	92.0	93.5	93.6	93.6	93.6	93.6	94.1	
IV 800		57.5	64.0	68.2	80.2	81.3	87.6	91.3	92.5	93.9	94.1	94.1	94.1	94.1	94.5	
IV 700		57.5	64.0	68.3	80.9	82.1	88.4	93.6	94.8	96.2	96.4	96.4	96.4	96.4	96.8	
IV 600		57.7	64.3	68.7	81.6	82.8	89.1	94.4	95.7	97.1	97.3	97.3	97.3	97.3	97.7	
IV 500		57.7	64.3	68.7	81.6	82.8	89.1	94.5	96.5	98.0	98.1	98.1	98.1	98.1	98.6	
IV 400		57.7	64.3	68.7	81.6	82.9	89.3	94.8	97.1	98.6	98.7	98.7	98.7	98.7	99.1	
IV 300		57.7	64.3	68.7	81.6	82.9	89.3	94.8	97.3	98.8	99.0	99.0	99.0	99.0	99.3	
IV 200		57.7	64.3	68.7	81.6	82.9	89.3	94.8	97.3	98.8	99.0	99.0	99.0	99.0	99.3	
IV 100		57.7	64.3	68.7	81.6	82.9	89.3	94.8	97.3	98.8	99.0	99.0	99.0	99.0	99.3	
IV 0		57.7	64.3	68.7	81.6	82.9	89.3	94.8	97.3	98.8	99.0	99.0	99.0	99.0	99.3	

TOTAL NUMBER OF OBSERVATIONS

691

GLOBAL CLIMATE DATA BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

34074 SCHWABERISCH HALL AAF DL

10, 7, 77-78

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0	
NO CEILING	22.8	28.9	30.4	32.1	32.1	32.0	35.7	35.7	36.6	36.5	36.4	36.4	36.4	36.4	36.4	37.5	37.5
≥ 29000	23.2	30.4	32.1	33.9	33.9	32.0	37.5	37.5	38.4	38.4	38.4	38.4	38.4	38.4	38.4	39.5	39.5
IV 16000	23.2	30.4	32.1	33.9	33.9	32.0	37.5	37.5	38.4	38.4	38.4	38.4	38.4	38.4	38.4	39.5	39.5
IV 16000	23.2	30.4	32.1	33.9	33.9	32.0	37.5	37.5	38.4	38.4	38.4	38.4	38.4	38.4	38.4	39.5	39.5
IV 14000	23.2	30.4	32.1	33.9	33.9	32.0	37.5	37.5	38.4	38.4	38.4	38.4	38.4	38.4	38.4	39.5	39.5
IV 12000	25.0	33.0	34.9	36.0	36.6	36.0	40.2	40.2	41.1	41.1	41.1	41.1	41.1	41.1	41.1	42.0	42.0
IV 10000	25.0	33.0	34.9	36.0	36.6	36.0	40.2	40.2	41.1	41.1	41.1	41.1	41.1	41.1	41.1	42.0	42.0
IV 9000	29.5	36.0	38.4	40.2	40.2	40.2	43.8	43.8	44.6	44.6	44.6	44.6	44.6	44.6	44.6	45.5	45.5
IV 8000	29.5	36.0	38.4	40.2	40.2	40.2	43.8	43.8	44.6	44.6	44.6	44.6	44.6	44.6	44.6	45.5	45.5
IV 7000	33.0	40.2	42.0	43.8	44.6	47.3	48.2	48.2	49.1	49.1	49.1	49.1	49.1	49.1	49.1	50.0	50.0
IV 6000	33.0	40.2	42.0	43.8	44.6	47.3	48.2	48.2	49.1	49.1	49.1	49.1	49.1	49.1	49.1	50.0	50.0
IV 5000	33.0	40.2	42.0	43.8	44.6	47.3	48.2	48.2	49.1	49.1	50.0	50.0	50.0	50.0	50.0	50.9	50.9
IV 4500	34.9	42.9	44.6	46.4	47.3	50.0	50.9	50.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.7	52.7
IV 4000	34.9	42.9	44.6	46.4	47.3	50.0	50.9	50.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.7	52.7
IV 3500	37.5	44.6	46.4	48.2	49.1	51.8	52.7	52.7	53.6	53.6	53.6	53.6	53.6	53.6	53.6	54.5	54.5
IV 3000	42.9	50.0	51.8	53.6	54.5	57.1	58.0	58.0	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.8	59.8
IV 2500	43.8	50.9	52.7	54.5	55.4	58.0	58.9	58.9	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.7	60.7
IV 2000	46.4	53.6	55.4	57.1	58.0	60.7	61.6	61.6	62.5	62.5	62.5	62.5	62.5	62.5	62.5	63.4	63.4
IV 1800	46.4	53.6	55.4	57.1	58.0	60.7	61.6	61.6	62.5	62.5	62.5	62.5	62.5	62.5	62.5	63.4	63.4
IV 1500	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 1200	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 1000	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 900	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 800	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 700	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 600	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 500	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 400	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 300	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 200	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 100	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2
IV 0	48.2	55.4	57.1	58.9	59.8	62.5	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2	65.2

TOTAL NUMBER OF OBSERVATIONS

112

GLOBAL CLIMATOLOGY PROJECT
 USAF-ETAC
 AIR BATHER SERVICES AC

CEILING VERSUS VISIBILITY

34074 SCHAEFFER HALL 44F LL

3-7

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

all

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .8	≥ .6	≥ .4	≥ .25	≥ .1
NO CEILING	25.2	27.1	28.7	31.5	31.8	32.4	34.5	34.9	35.4	35.7	35.7	36.1	36.5	36.7	37.4
≥ 20000	29.2	31.6	33.4	35.6	37.1	37.8	40.1	40.5	41.1	41.4	41.5	41.5	42.3	42.5	43.7
≥ 18000	28.2	31.6	33.4	35.6	37.1	37.8	40.1	40.5	41.1	41.4	41.5	41.5	42.3	42.5	43.7
≥ 16000	29.2	31.6	33.5	35.7	37.1	37.8	40.1	40.6	41.2	41.4	41.5	41.7	42.3	42.5	43.7
≥ 14000	29.5	31.9	33.7	36.9	37.3	38.1	40.4	40.8	41.4	41.7	41.8	42.1	42.5	42.8	44.1
≥ 12000	30.0	32.4	34.3	37.5	37.8	38.6	40.9	41.4	42.0	42.3	42.4	42.7	43.1	43.4	44.7
≥ 10000	31.7	33.5	35.4	38.7	39.0	40.9	42.3	42.7	43.4	43.6	43.7	44.1	44.5	44.8	46.1
≥ 9000	31.3	33.6	35.4	39.1	39.4	41.3	42.8	43.1	43.7	44.0	44.1	44.5	44.9	45.2	46.5
≥ 8000	34.3	36.9	39.2	42.7	43.2	45.2	46.7	47.1	47.8	48.1	48.1	48.6	49.0	49.3	50.6
≥ 7000	35.4	38.1	40.5	44.3	44.7	46.8	48.3	48.8	49.5	49.8	49.9	50.4	50.8	51.1	52.4
≥ 6000	35.8	38.5	41.0	44.8	45.2	47.3	48.8	49.3	50.0	50.3	50.4	50.9	51.3	51.6	52.9
≥ 5000	37.3	40.0	42.6	46.4	46.8	48.9	50.4	50.9	51.6	51.9	52.2	52.5	52.9	53.2	54.5
≥ 4500	38.0	40.8	43.4	47.4	47.8	50.0	51.5	52.0	52.7	53.0	53.1	53.5	54.0	54.3	55.6
≥ 4000	39.7	42.5	45.2	49.4	49.9	52.1	53.6	54.2	54.9	55.2	55.3	55.7	56.2	56.5	57.8
≥ 3500	41.9	44.9	47.7	52.2	52.8	55.1	56.7	57.2	57.9	58.3	58.3	58.8	59.2	59.5	60.8
≥ 3000	45.4	48.8	52.0	56.9	57.4	60.1	61.7	62.2	63.0	63.3	63.4	63.9	64.4	64.7	66.0
≥ 2500	47.6	51.2	54.7	60.0	60.6	63.3	64.9	65.5	66.3	66.7	66.8	67.3	67.7	68.0	69.3
≥ 2000	50.1	53.9	57.5	63.2	63.8	66.7	68.3	68.9	69.8	70.2	70.2	70.8	71.2	71.5	72.8
≥ 1800	51.6	54.6	58.2	63.9	64.5	67.5	69.2	69.9	70.9	71.2	71.3	71.8	72.2	72.5	73.8
≥ 1500	52.6	57.0	60.9	67.5	68.2	71.3	73.1	73.8	74.8	75.1	75.2	75.7	76.2	76.5	77.8
≥ 1200	54.2	59.1	63.3	70.6	71.3	74.5	77.0	77.7	78.7	79.0	79.1	79.7	80.1	80.4	81.7
≥ 1000	55.1	60.5	65.0	73.0	73.9	77.6	80.1	81.0	82.0	82.3	82.4	83.0	83.4	83.7	85.0
≥ 900	55.5	61.0	65.7	74.1	75.0	79.1	81.6	82.5	83.5	83.9	83.9	84.5	84.9	85.2	86.5
≥ 800	55.3	62.0	66.8	75.4	76.4	80.7	83.4	84.4	85.4	85.8	85.8	86.4	86.8	87.1	88.4
≥ 700	55.5	62.4	67.4	76.7	77.7	82.5	85.9	86.9	88.0	88.4	88.4	89.0	89.4	89.7	91.0
≥ 600	55.7	62.6	67.7	77.1	78.1	83.1	86.8	88.0	89.1	89.5	89.5	90.2	90.6	90.9	92.2
≥ 500	55.8	62.7	67.8	77.4	78.5	83.7	87.7	89.1	90.5	91.1	91.2	91.8	92.3	92.6	93.9
≥ 400	55.8	62.3	67.9	77.5	78.7	84.0	88.3	89.9	91.6	92.2	92.4	93.1	93.5	94.0	95.3
≥ 300	55.5	62.8	67.9	77.6	78.7	84.1	88.4	90.2	92.0	92.8	93.0	93.7	94.2	94.7	96.0
≥ 200	55.8	62.8	67.9	77.6	78.7	84.1	88.4	90.2	92.1	92.9	93.2	94.1	94.7	95.2	96.5
≥ 100	55.8	62.8	67.9	77.6	78.7	84.1	88.4	90.2	92.1	92.9	93.2	94.1	94.8	95.4	96.7
≥ 0	55.8	62.8	67.9	77.6	78.7	84.1	88.4	90.2	92.1	93.0	93.3	94.1	94.8	95.5	96.8

TOTAL NUMBER OF OBSERVATIONS

4094

GLOBAL CLIMATOLOGY DATA
 USAF ETAC
 AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

24074 SCHWABERISS HALL AAF DL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

130.0000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.15	≥.1	≥0
NO CEILING	24.7	26.7	28.3	28.3	27.3	27.3	28.3	28.3	28.3	31.7	31.7	31.7	31.7	33.3	33.3	33.3
≥ 20000	24.7	26.7	28.3	28.3	27.3	27.3	28.3	28.3	28.3	31.7	31.7	31.7	31.7	33.3	33.3	33.3
≥ 18000	24.7	26.7	28.3	28.3	27.3	27.3	28.3	28.3	28.3	31.7	31.7	31.7	31.7	33.3	33.3	33.3
≥ 16000	24.7	26.7	28.3	28.3	27.3	27.3	28.3	28.3	28.3	31.7	31.7	31.7	31.7	33.3	33.3	33.3
≥ 14000	24.7	26.7	28.3	28.3	27.3	27.3	28.3	28.3	28.3	31.7	31.7	31.7	31.7	33.3	33.3	33.3
≥ 12000	24.7	26.7	28.3	28.3	27.3	27.3	28.3	28.3	28.3	31.7	31.7	31.7	31.7	33.3	33.3	33.3
≥ 10000	24.7	26.7	28.3	28.3	27.3	27.3	28.3	28.3	28.3	31.7	31.7	31.7	31.7	33.3	33.3	33.3
≥ 9000	28.3	28.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	32.3	32.3	32.3	32.3	35.0	35.0	35.0
≥ 8000	31.7	31.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	35.0	35.0	35.0	35.0	38.3	38.3	38.3
≥ 7000	33.3	33.3	35.0	35.0	35.0	35.0	35.0	35.0	35.0	37.3	37.3	37.3	37.3	40.0	40.0	40.0
≥ 6000	35.0	35.0	36.7	36.7	36.7	36.7	36.7	36.7	36.7	38.3	38.3	38.3	38.3	41.7	41.7	41.7
≥ 5000	43.3	43.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0	48.3	48.3	48.3	48.3	50.0	50.0	50.0
≥ 4500	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	48.3	48.3	48.3	48.3	50.0	50.0	50.0
≥ 4000	55.0	58.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	63.3	63.3	63.3	63.3	65.0	65.0	65.0
≥ 3500	55.0	58.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	65.0	65.0	65.0	65.0	66.7	66.7	66.7
≥ 3000	65.0	65.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	73.3	73.3	73.3	73.3	75.0	75.0	75.0
≥ 2500	65.0	70.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	83.3	83.3	83.3	83.3	85.0	85.0	85.0
≥ 2000	65.0	73.3	78.3	78.3	78.3	78.3	78.3	78.3	81.7	81.7	81.7	81.7	81.7	83.3	83.3	83.3
≥ 1800	65.0	73.3	78.3	78.3	78.3	78.3	78.3	78.3	81.7	81.7	81.7	81.7	81.7	83.3	83.3	83.3
≥ 1500	68.3	73.3	81.7	81.7	81.7	81.7	81.7	81.7	85.0	85.0	85.0	85.0	85.0	90.0	90.0	90.0
≥ 1200	71.7	76.7	85.0	85.0	85.0	85.0	85.0	85.0	88.3	88.3	88.3	88.3	88.3	93.3	93.3	93.3
≥ 1000	73.3	76.7	85.0	85.0	85.0	85.0	85.0	85.0	88.3	88.3	88.3	88.3	88.3	93.3	93.3	93.3
≥ 900	71.7	76.7	85.0	85.0	85.0	85.0	85.0	85.0	88.3	88.3	88.3	88.3	88.3	93.3	93.3	93.3
≥ 800	71.7	76.7	86.7	86.7	86.7	86.7	86.7	86.7	90.0	90.0	90.0	90.0	90.0	95.0	95.0	95.0
≥ 700	71.7	76.7	86.7	86.7	86.7	86.7	86.7	86.7	90.0	90.0	90.0	90.0	90.0	95.0	95.0	95.0
≥ 600	71.7	76.7	86.7	86.7	86.7	86.7	86.7	86.7	90.0	90.0	90.0	90.0	90.0	95.0	95.0	95.0
≥ 500	71.7	76.7	86.7	86.7	86.7	86.7	86.7	86.7	90.0	90.0	90.0	90.0	90.0	95.0	95.0	95.0
≥ 400	71.7	76.7	86.7	86.7	86.7	86.7	86.7	86.7	90.0	90.0	90.0	90.0	90.0	95.0	95.0	95.0
≥ 300	71.7	76.7	86.7	86.7	86.7	86.7	86.7	86.7	90.0	90.0	90.0	90.0	90.0	95.0	95.0	95.0
≥ 200	71.7	76.7	86.7	86.7	86.7	86.7	86.7	86.7	90.0	90.0	90.0	90.0	90.0	95.0	95.0	95.0
≥ 100	71.7	76.7	86.7	86.7	86.7	86.7	86.7	86.7	90.0	90.0	90.0	90.0	90.0	95.0	95.0	95.0
≥ 0	71.7	76.7	86.7	86.7	86.7	86.7	86.7	86.7	90.0	90.0	90.0	90.0	90.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATE DATA
 USAF ETAC
 AIR WEATHER SERVICE/

CEILING VERSUS VISIBILITY

24074 SCHAEFFER HALL AF 01

2-7-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

250 10 200

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	12.5	15.2	15.4	15.1	17.0	17.0	1.9	21.5	22.0	22.0	22.4	22.7	23.2	23.5	24.2	
≥ 20000	14.9	15.2	17.7	19.2	19.3	21.2	22.2	22.3	22.9	23.4	23.7	24.2	24.4	24.8	25.4	
≥ 18000	15.1	15.3	17.1	19.3	19.4	21.3	23.0	23.0	23.3	23.9	24.4	24.9	25.4	25.9	26.4	
≥ 15000	15.1	15.4	17.1	19.3	19.4	21.3	23.0	23.0	23.3	23.9	24.4	24.9	25.4	25.9	26.4	
≥ 14000	15.5	15.2	18.2	19.7	19.5	21.7	23.4	24.2	25.0	25.8	26.1	26.3	26.2	26.9	27.1	
≥ 12000	15.5	16.2	18.4	19.7	19.5	21.7	23.4	24.2	25.0	25.8	26.1	26.3	26.2	26.9	27.1	
≥ 10000	15.4	17.4	19.4	21.1	21.2	23.1	24.9	25.7	26.9	27.4	27.7	27.7	28.3	28.5	28.5	
≥ 9000	17.1	17.9	20.1	22.1	22.1	24.3	26.1	26.9	28.1	28.7	28.7	29.3	29.5	29.8	30.7	
≥ 8000	19.7	19.3	22.1	24.1	24.2	26.1	28.3	29.1	30.3	30.4	31.1	31.1	31.7	31.8	32.9	
≥ 7000	20.2	21.5	23.4	25.3	25.4	27.9	30.0	30.8	32.1	32.2	32.9	32.9	33.4	33.7	34.4	
≥ 6000	21.6	22.1	24.3	25.9	25.8	28.5	30.7	31.5	32.7	33.4	33.4	33.9	34.1	34.4	35.3	
≥ 5000	22.7	24.0	26.4	28.7	28.9	31.8	33.3	34.1	35.2	35.9	35.9	36.1	36.7	37.1	37.7	
≥ 4500	25.0	26.9	28.2	31.3	31.7	33.7	35.1	37.0	38.2	38.7	39.1	39.4	39.3	39.4	40.9	
≥ 4000	30.2	31.7	34.1	37.1	37.4	39.7	42.7	43.4	45.0	45.5	45.7	45.7	46.3	46.9	47.7	
≥ 3500	33.8	35.3	36.1	42.3	42.3	44.7	43.1	49.3	50.8	51.4	51.7	51.4	52.3	52.4	53.7	
≥ 3000	35.8	39.1	42.1	45.5	45.7	47.3	52.7	53.9	55.4	56.2	56.7	56.7	57.2	57.7	58.6	
≥ 2500	37.7	40.2	42.5	48.1	48.4	51.1	54.6	55.0	57.5	58.3	58.7	58.7	59.2	59.5	60.6	
≥ 2000	40.2	43.1	46.3	51.6	51.9	53.0	53.6	59.3	61.4	62.2	62.5	62.6	63.2	63.3	64.5	
≥ 1800	41.6	44.0	47.3	52.0	52.3	53.4	60.1	61.4	62.9	63.7	64.1	64.1	64.7	64.9	66.0	
≥ 1500	43.5	46.2	50.1	56.3	55.7	57.7	64.5	66.0	67.5	68.3	68.3	68.3	68.8	69.1	70.7	
≥ 1200	44.7	48.1	52.3	59.4	59.3	60.5	69.0	70.7	72.1	73.0	73.4	73.4	73.9	74.2	75.3	
≥ 1000	45.7	49.0	53.4	61.1	62.1	63.5	72.8	75.1	76.9	77.7	78.1	78.1	78.9	79.2	80.3	
≥ 900	45.7	49.0	53.4	61.7	62.5	63.0	74.6	77.2	79.3	80.2	80.5	80.7	81.4	81.7	82.7	
≥ 800	45.7	49.0	53.9	62.9	63.9	71.2	77.6	80.4	82.7	83.5	84.1	84.2	84.9	85.2	86.3	
≥ 700	45.7	49.3	54.2	64.0	65.1	72.1	79.9	82.7	85.3	86.1	86.7	86.7	87.5	87.8	88.9	
≥ 600	45.9	49.3	54.5	64.7	65.8	73.3	81.0	84.1	86.8	87.5	88.2	88.2	89.0	89.3	90.4	
≥ 500	45.1	49.3	54.5	64.8	65.9	74.3	81.9	85.6	88.5	89.3	89.9	89.9	90.7	91.3	91.6	
≥ 400	45.1	49.5	54.5	64.6	65.9	74.9	82.7	87.2	90.4	91.3	92.1	92.1	92.8	93.5	93.8	
≥ 300	45.1	49.5	54.5	64.8	65.9	74.9	83.2	88.2	91.3	92.3	93.2	93.2	93.9	94.7	95.0	
≥ 200	45.1	49.5	54.5	64.8	65.9	74.9	83.2	88.2	91.3	92.3	93.3	93.3	93.9	94.7	95.0	
≥ 100	45.1	49.5	54.5	64.8	65.9	74.9	83.2	88.2	91.3	92.3	93.3	93.3	93.9	94.7	95.0	
0	45.1	49.5	54.5	64.8	65.9	74.9	83.2	88.2	91.3	92.3	93.3	93.3	93.9	94.7	95.0	

TOTAL NUMBER OF OBSERVATIONS

736

GLOBAL CLIMATE CENTER
 USAF ETAC
 AIR WEATHER SERVICE/AG

CEILING VERSUS VISIBILITY

34074 SCHWAEFISCH HALL AAF DE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1957

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING		12.8	12.7	14.8	17.5	17.4	17.0	19.4	19.9	21.1	20.1	21.1	20.1	21.2	20.2	21.7
≥ 20000		17.0	18.9	19.4	21.0	22.0	22.7	24.2	24.9	25.0	25.1	25.1	25.1	25.3	25.3	26.0
≥ 18000		17.6	18.9	19.9	22.4	22.5	22.2	24.7	25.4	25.5	25.5	25.5	25.5	25.5	25.5	26.2
≥ 16000		17.6	18.8	19.9	22.4	22.5	22.2	24.7	25.4	25.5	25.5	25.5	25.5	25.5	25.5	26.2
≥ 14000		17.6	18.8	19.9	22.4	22.5	22.2	24.7	25.4	25.5	25.5	25.5	25.5	25.5	25.5	26.2
≥ 12000		19.7	19.2	20.3	22.9	23.1	22.6	25.3	26.0	26.1	26.1	26.1	26.1	26.1	26.4	27.1
≥ 10000		21.1	23.5	21.4	24.1	24.2	24.9	26.4	27.1	27.2	27.2	27.2	27.2	27.2	27.5	28.2
≥ 9000		21.4	22.7	23.8	26.4	26.5	27.3	28.8	29.5	29.7	29.7	29.7	29.7	29.7	29.9	30.6
≥ 8000		24.7	26.2	27.3	30.2	30.4	31.3	33.0	33.7	33.8	33.8	33.8	33.8	34.1	34.1	34.8
≥ 7000		24.6	28.0	29.1	32.1	32.3	32.2	34.9	35.5	35.7	35.7	35.7	35.7	35.7	36.0	36.7
≥ 6000		27.2	28.7	29.8	32.6	32.8	32.9	35.6	36.3	36.4	36.4	36.4	36.4	36.7	36.7	37.4
≥ 5000		29.3	30.6	31.7	34.4	34.9	35.9	37.5	38.3	38.3	38.3	38.3	38.3	38.7	38.7	39.4
≥ 4500		31.4	32.8	33.9	36.4	36.5	37.5	39.4	40.2	40.7	40.7	40.7	40.7	40.7	40.9	41.6
≥ 4000		33.5	35.3	36.7	40.1	40.2	40.9	43.5	44.4	44.8	44.8	44.8	44.8	44.8	45.1	45.7
≥ 3500		35.7	38.3	40.0	44.2	44.4	45.4	48.6	49.5	50.1	50.1	50.1	50.1	50.4	50.4	51.1
≥ 3000		40.0	42.5	43.5	47.8	48.2	51.4	52.9	53.8	54.5	54.5	54.5	54.5	54.8	54.8	55.5
≥ 2500		42.2	44.2	46.1	50.4	50.7	53.0	55.8	56.7	57.4	57.4	57.4	57.4	57.7	57.7	58.4
≥ 2000		45.2	47.7	49.5	54.3	54.7	57.6	60.6	61.5	62.2	62.2	62.2	62.2	62.5	62.5	63.2
≥ 1800		45.7	48.4	50.1	54.7	55.4	58.4	61.4	62.4	63.0	63.0	63.0	63.0	63.3	63.3	64.0
≥ 1500		48.9	51.5	54.1	59.5	61.0	64.4	67.7	68.7	69.4	69.4	69.4	69.4	69.7	69.7	70.4
≥ 1200		52.2	55.1	57.8	64.0	65.7	69.5	73.4	74.5	75.1	75.1	75.1	75.1	75.4	75.4	76.2
≥ 1000		52.3	55.2	58.4	65.3	67.3	72.1	75.9	78.3	79.0	79.0	79.0	79.0	79.4	79.4	80.2
≥ 900		52.3	55.2	58.7	66.6	68.3	73.4	78.4	79.8	80.5	80.5	80.5	80.5	80.9	80.9	81.7
≥ 800		52.6	55.5	58.9	67.6	69.5	75.1	80.2	81.7	82.6	82.6	82.6	82.6	83.0	83.0	83.7
≥ 700		54.3	56.2	59.5	69.4	71.5	77.2	83.1	85.2	86.1	86.3	86.3	86.3	86.7	86.7	87.5
≥ 600		53.3	56.2	59.6	70.1	72.4	78.3	85.3	87.5	88.5	88.6	88.6	88.6	89.1	89.1	90.0
≥ 500		55.4	56.3	59.8	70.2	72.7	79.0	86.4	89.3	90.7	90.8	90.9	90.9	91.1	91.5	92.1
≥ 400		53.5	56.5	59.9	70.3	72.8	79.1	87.0	90.5	92.9	93.1	93.3	93.5	94.2	94.4	95.2
≥ 300		57.5	56.5	59.9	70.3	72.8	79.1	87.4	90.9	93.5	94.0	94.1	94.6	95.3	95.5	96.7
≥ 200		57.6	56.5	59.9	70.3	72.8	79.1	87.4	90.9	93.5	94.4	94.5	95.3	95.6	97.1	98.8
≥ 100		53.6	56.5	59.9	70.3	72.8	79.1	87.4	90.9	93.7	94.4	94.6	95.3	96.6	97.1	99.5
≥ 0		53.6	56.5	59.9	70.3	72.8	79.1	87.4	90.9	93.7	94.4	94.6	95.3	96.7	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

726

GLOBAL CLIMATELOGY BRANCH
 USAF-ETAC
 AIR WEATHER SERVICE/ALC

CEILING VERSUS VISIBILITY

34074 SCHAEFERS HALL AAF DL

P-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
LOCAL TS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥. .	≥0
NO CEILING		16.4	17.1	16.4	20.9	27.9	21.1	21.4	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 20000		21.4	22.4	23.7	26.0	24.6	20.9	27.3	27.6	27.8	27.3	27.8	27.8	27.8	27.8	27.8
IV 18000		22.2	23.2	24.7	27.4	27.4	27.7	28.1	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6
IV 16000		22.2	23.2	24.7	27.4	27.4	27.7	28.1	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6
IV 14000		22.4	23.2	24.8	27.0	27.6	27.8	28.2	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8
IV 12000		22.6	23.6	25.1	27.3	27.3	27.1	28.5	28.8	29.1	29.1	29.1	29.1	29.1	29.1	29.1
IV 10000		24.1	25.1	26.5	29.3	29.3	29.6	30.0	30.3	30.6	30.6	30.6	30.6	30.6	30.6	30.6
IV 9000		26.7	27.3	28.8	31.7	31.7	31.9	32.3	32.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9
IV 8000		30.6	31.7	33.2	36.4	36.4	36.7	37.1	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7
IV 7000		31.7	33.0	34.5	38.3	38.3	38.6	39.0	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 6000		31.8	33.2	34.7	38.5	38.5	38.7	39.2	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 5000		31.2	34.5	36.0	39.3	39.3	39.1	40.5	40.8	41.3	41.3	41.3	41.3	41.3	41.3	41.3
IV 4500		35.5	38.6	38.3	42.3	42.3	42.6	43.0	43.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8
IV 4000		38.9	40.4	42.2	46.2	46.2	46.8	47.2	47.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 3500		41.2	42.8	44.6	49.0	49.0	49.9	50.3	50.6	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 3000		45.0	46.8	48.8	54.1	54.2	55.1	55.8	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 2500		48.2	49.9	52.1	57.4	57.6	58.5	59.2	59.5	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 2000		51.6	54.3	56.6	62.6	62.8	63.7	64.4	64.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 1800		52.2	55.0	57.3	63.3	63.4	64.4	65.1	65.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 1500		55.7	59.1	62.1	69.2	69.3	71.4	72.6	73.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 1200		58.8	61.9	65.6	73.7	73.8	75.9	77.2	77.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 1000		59.5	62.9	66.8	75.6	75.7	77.7	80.8	81.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV 900		59.5	63.0	67.3	76.3	76.4	79.9	82.3	83.2	84.7	84.9	84.9	84.9	84.9	84.9	84.9
IV 800		59.5	63.0	67.3	77.4	77.5	81.4	84.2	85.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9
IV 700		59.7	63.8	68.1	79.3	79.4	84.0	87.7	88.8	90.5	90.6	90.7	90.7	90.7	90.7	90.7
IV 600		60.7	64.5	68.8	80.5	80.6	85.9	90.0	91.4	93.0	93.2	93.3	93.3	93.3	93.3	93.3
IV 500		60.8	64.7	68.9	80.8	80.9	86.4	90.5	92.1	93.7	93.9	94.0	94.0	94.0	94.1	94.1
IV 400		60.8	64.7	68.9	80.8	80.9	86.5	91.0	93.0	95.0	96.8	96.8	96.8	96.8	96.7	96.9
IV 300		60.8	64.7	68.9	80.8	80.9	86.6	91.4	93.6	97.0	97.7	98.0	98.1	98.2	98.2	98.4
IV 200		60.8	64.7	68.9	80.8	80.9	86.6	91.4	93.6	97.0	97.6	98.1	98.6	98.9	98.9	99.2
IV 100		60.8	64.7	68.9	80.8	80.9	86.6	91.4	93.6	97.0	97.8	98.1	98.8	98.9	98.9	100.0
IV 0		60.8	64.7	68.9	80.8	80.9	86.6	91.4	93.6	97.0	97.8	98.1	98.8	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

733

GLOBAL CLIMATELOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34074 SCHAEFER HALL AFB TX

1970

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.2	≥.1	0
NO CEILING	17.4	19.9	20.9	23.0	24.1	23.4	23.6	25.6	23.9	23.9	23.5	23.9	23.9	23.9	23.9	23.9
≥ 20000	23.9	25.7	27.2	29.6	30.0	31.4	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 18000	24.3	26.1	27.5	30.3	30.4	31.8	31.2	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 16000	24.3	26.1	27.5	30.3	30.4	31.8	31.2	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 14000	24.5	26.9	27.5	30.4	30.5	31.9	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 12000	24.9	26.7	28.2	30.8	30.9	31.4	31.8	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 10000	25.7	27.0	29.3	31.8	31.9	32.8	32.7	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 9000	27.5	29.3	30.8	33.9	33.7	34.1	34.5	34.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 8000	32.0	33.3	35.4	38.2	38.4	38.9	39.5	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 7000	33.8	35.8	37.3	40.6	40.7	41.4	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 6000	34.4	35.5	38.1	41.4	41.5	42.2	42.8	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 5000	35.6	37.7	39.5	42.9	43.1	43.7	44.3	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 4500	37.1	39.2	41.1	44.4	44.6	45.3	45.8	45.5	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 4000	41.4	43.7	45.9	49.2	49.4	51.2	51.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 3500	43.5	45.8	48.3	51.9	52.0	52.8	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 3000	47.5	49.9	52.5	56.1	56.3	57.5	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 2500	51.2	54.9	57.1	60.9	61.1	62.3	63.1	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 2000	53.1	56.4	59.4	64.2	64.5	66.0	67.0	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 1800	54.1	57.4	60.7	65.7	66.0	67.5	68.5	68.5	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1500	57.8	61.6	65.5	71.3	72.1	74.1	75.2	75.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1200	60.1	64.9	69.5	77.4	77.7	80.6	81.8	81.8	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1000	60.8	65.7	71.0	79.5	79.8	83.4	85.4	85.4	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 900	61.2	66.2	71.5	80.5	80.7	85.0	87.2	87.3	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	61.8	66.9	72.2	81.7	82.0	86.9	89.1	89.3	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	62.3	67.5	72.9	82.7	83.1	88.3	90.8	91.1	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	62.4	67.7	73.0	82.8	83.2	89.0	91.6	92.0	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 500	62.4	67.7	73.0	83.2	83.8	89.5	92.8	93.1	94.6	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	62.4	67.7	73.0	83.2	83.8	89.5	92.8	93.7	95.6	96.1	96.5	96.7	96.7	96.8	96.8	96.8
≥ 300	62.4	67.7	73.0	83.2	83.8	89.5	93.0	94.2	96.8	97.3	98.1	98.2	98.3	98.3	98.3	98.3
≥ 200	62.4	67.7	73.0	83.2	83.8	89.5	93.0	94.2	96.8	97.5	98.3	98.9	99.0	99.0	99.0	99.0
≥ 100	62.4	67.7	73.0	83.2	83.8	89.5	93.0	94.2	96.8	97.5	98.3	98.9	99.0	99.0	99.0	99.0
≥ 0	62.4	67.7	73.0	83.2	83.8	89.5	93.0	94.2	96.8	97.5	98.3	99.0	99.2	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

727

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34074 SCHWAB ISCH HALL AAF OL

1974

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	21.4	23.2	24.1	25.0	25.2	25.7	26.2	26.7	27.0	27.5	28.0	28.3	28.7	29.0	29.3	29.4
≥ 20000	23.7	27.6	28.8	32.7	32.3	35.3	37.0	37.5	38.1	38.3	38.7	38.9	39.2	39.3	39.3	39.4
IV 18000	25.3	28.0	29.2	33.1	33.3	36.0	37.5	38.0	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.9
IV 16000	25.3	28.0	29.2	33.1	33.3	36.0	37.5	38.0	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.9
IV 14000	25.5	28.0	29.2	33.1	33.3	36.0	37.5	38.0	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.9
IV 12000	25.5	28.0	29.2	33.1	33.3	36.0	37.5	38.0	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.9
IV 10000	25.5	28.0	29.2	33.3	33.7	36.6	38.1	38.6	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 9000	26.8	29.4	30.4	34.6	34.9	37.7	39.2	39.6	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.7
IV 8000	31.2	33.7	34.9	39.6	39.8	42.8	44.4	45.0	45.8	45.9	45.9	45.9	45.9	45.9	45.9	46.2
IV 7000	33.7	35.5	36.7	41.9	42.0	45.0	47.0	47.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 6000	33.7	36.4	37.7	42.8	42.9	45.9	47.9	48.5	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.7
IV 5000	34.9	37.7	38.9	44.1	44.1	47.1	49.1	49.7	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.9
IV 4500	35.7	38.7	39.9	45.3	45.3	48.3	50.3	51.1	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.3
IV 4000	38.7	42.3	44.1	50.0	50.2	53.5	55.6	56.2	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.4
IV 3500	41.7	44.4	46.2	52.3	52.4	56.0	58.1	58.7	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.9
IV 3000	45.2	48.6	50.4	56.3	56.3	60.7	62.8	63.4	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.5
IV 2500	47.7	51.7	54.4	60.4	60.5	64.5	66.6	67.6	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6
IV 2000	47.3	52.9	56.3	63.6	64.0	68.6	71.4	72.4	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4
IV 1800	48.8	52.9	56.6	64.0	64.8	69.7	72.3	73.3	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.5
IV 1500	51.4	56.3	60.4	68.2	69.0	74.2	77.1	78.3	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.5
IV 1200	52.7	58.4	63.3	72.5	73.3	79.2	83.1	84.5	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.8
IV 1000	52.9	58.6	63.1	72.9	73.9	79.3	84.6	86.1	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.5
IV 900	52.9	58.6	63.1	72.9	74.4	81.3	85.7	87.2	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.6
IV 800	52.9	58.6	63.1	73.3	75.2	82.2	86.7	88.4	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.8
IV 700	52.9	58.6	63.1	73.3	75.2	82.7	88.6	90.8	92.0	92.2	92.3	92.6	92.6	92.6	92.6	92.9
IV 600	52.9	58.6	63.1	73.5	75.3	83.0	89.6	92.8	94.4	94.6	94.7	95.0	95.0	95.0	95.0	95.3
IV 500	52.9	58.6	63.1	73.5	75.3	83.0	89.8	92.9	95.2	95.3	95.6	95.9	95.9	95.9	95.9	96.2
IV 400	52.9	58.6	63.1	73.5	75.3	83.0	90.1	93.2	95.6	95.8	96.4	97.0	97.6	97.6	97.6	98.2
IV 300	52.9	58.6	63.1	73.5	75.3	83.0	90.1	93.2	95.8	96.4	97.0	97.7	98.0	98.0	98.0	99.1
IV 200	52.9	58.6	63.1	73.5	75.3	83.0	90.1	93.2	95.8	96.4	97.0	97.7	98.0	98.0	98.0	99.1
IV 100	52.9	58.6	63.1	73.5	75.3	83.0	90.1	93.2	95.8	96.4	97.0	97.7	98.0	98.0	98.0	99.1
IV 0	52.9	58.6	63.1	73.5	75.3	83.0	90.1	93.2	95.8	96.4	97.0	97.7	98.0	98.0	98.0	99.1

TOTAL NUMBER OF OBSERVATIONS

664

GLOBAL CLIMATE DATA CENTER
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAERISCH HALL AAF DL

70, 75-78

NDV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		21.1	24.4	27.3	31.3	31.3	33.9	35.7	36.7	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 20000		25.4	26.6	29.7	34.4	34.4	36.7	39.8	39.8	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 18000		25.0	28.1	31.3	35.9	35.9	38.3	41.4	41.4	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 16000		25.0	28.1	31.3	35.9	35.9	38.3	41.4	41.4	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 14000		25.0	28.1	31.3	35.9	35.9	38.3	41.4	41.4	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 12000		25.0	28.1	31.3	35.9	35.9	38.3	41.4	41.4	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 10000		25.0	28.1	31.3	35.9	35.9	38.3	41.4	41.4	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 9000		26.6	30.5	33.6	38.3	39.1	41.4	44.5	44.5	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 8000		27.3	31.3	34.4	39.1	39.8	42.2	45.3	46.1	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 7000		29.7	33.6	36.7	41.4	42.2	44.5	47.7	48.4	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 6000		29.7	33.6	36.7	41.4	42.2	44.5	47.7	48.4	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 5000		29.7	33.6	36.7	41.4	42.2	44.5	47.7	48.4	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 4500		31.3	35.2	38.3	43.8	44.5	46.9	50.0	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4000		37.5	43.0	47.7	53.1	53.9	56.3	59.4	60.2	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 3500		40.6	46.9	51.6	57.0	57.8	60.2	63.3	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 3000		44.5	51.6	56.3	62.5	63.3	65.6	68.8	69.5	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2500		44.5	52.3	57.0	63.3	64.1	66.4	71.1	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2000		45.3	53.1	58.5	65.6	66.4	71.1	74.2	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1800		45.3	53.1	58.5	65.6	66.4	71.1	74.2	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1500		47.7	55.5	60.9	68.0	69.5	74.2	78.9	79.7	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1200		47.7	55.5	61.7	68.8	70.3	75.0	79.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1000		47.7	55.5	62.5	69.5	71.9	76.6	82.0	83.6	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 900		47.7	56.3	62.5	69.5	73.4	78.1	83.6	85.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800		47.7	56.3	62.5	69.5	73.4	78.1	83.6	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 700		47.7	56.3	62.5	69.5	73.4	78.1	83.6	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 600		47.7	56.3	62.5	69.5	73.4	78.1	83.6	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 500		47.7	56.3	62.5	69.5	73.4	78.1	83.6	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 400		47.7	56.3	62.5	69.5	73.4	78.1	83.6	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 300		47.7	56.3	62.5	69.5	73.4	78.1	83.6	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 200		47.7	56.3	62.5	69.5	73.4	78.1	83.6	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 100		47.7	56.3	62.5	69.5	73.4	78.1	83.6	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 0		47.7	56.3	62.5	69.5	73.4	78.1	83.6	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3

TOTAL NUMBER OF OBSERVATIONS

128

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

68-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING ≥ 20000	16.5	17.6	19.1	21.5	21.6	22.7	23.8	24.1	24.6	24.7	24.7	24.7	24.9	24.9	25.2	
≥ 18000	21.1	22.5	24.1	25.7	26.8	27.5	28.7	29.1	29.6	29.8	29.8	29.8	30.0	30.1	30.4	
≥ 16000	21.1	22.5	24.1	26.7	26.8	28.0	29.2	29.6	30.1	30.3	30.3	30.3	30.5	30.6	30.9	
≥ 14000	21.2	22.7	24.2	26.9	27.0	28.2	29.3	29.7	30.3	30.4	30.5	30.5	30.6	30.7	31.0	
≥ 12000	21.4	22.9	24.4	27.1	27.2	28.4	29.5	30.0	30.5	30.6	30.7	30.7	30.9	30.9	31.3	
≥ 10000	22.4	23.8	25.4	28.1	28.2	29.4	30.6	31.0	31.6	31.7	31.8	31.8	32.0	32.0	32.4	
≥ 9000	23.5	25.5	27.7	29.8	30.0	31.2	32.4	32.9	33.4	33.6	33.6	33.6	33.8	33.8	34.2	
≥ 8000	27.5	29.1	30.6	33.8	33.9	35.2	36.5	37.0	37.6	37.7	37.8	37.8	38.0	38.0	38.4	
≥ 7000	29.1	30.8	32.4	35.6	35.7	37.3	38.7	39.1	39.7	39.7	39.9	39.9	40.1	40.1	40.5	
≥ 6000	29.6	31.4	33.0	36.4	36.6	37.9	39.3	39.8	40.4	40.5	40.5	40.5	40.7	40.8	41.2	
≥ 5000	31.2	33.0	34.7	38.1	38.3	39.6	41.1	41.6	42.3	42.4	42.5	42.5	42.8	42.7	43.1	
≥ 4500	33.0	34.9	36.5	40.1	40.2	41.7	43.1	43.6	44.3	44.4	44.5	44.5	44.7	44.7	45.1	
≥ 4000	36.9	39.1	41.1	45.0	45.1	46.8	48.4	48.9	49.7	49.8	49.8	49.8	50.0	50.1	50.5	
≥ 3500	39.5	41.8	43.9	48.3	48.4	50.4	52.1	52.7	53.6	53.7	53.8	53.8	54.0	54.0	54.4	
≥ 3000	43.3	45.7	48.1	52.8	53.0	55.1	57.0	57.6	58.4	58.6	58.7	58.7	58.9	59.0	59.3	
≥ 2500	45.7	48.5	51.1	55.9	55.1	58.4	60.4	61.1	62.0	62.2	62.3	62.3	62.5	62.6	63.0	
≥ 2000	48.1	51.2	54.1	59.7	60.0	62.7	64.9	65.6	66.6	66.7	66.8	66.8	67.0	67.1	67.5	
≥ 1800	48.6	51.9	54.9	60.5	60.9	63.7	65.9	66.6	67.6	67.8	67.8	67.8	68.0	68.1	68.5	
≥ 1500	51.5	55.2	58.8	65.4	65.9	69.3	71.8	72.6	73.6	73.8	73.8	73.9	74.1	74.1	74.5	
≥ 1200	53.7	57.9	62.0	69.7	70.2	74.1	77.1	78.0	79.0	79.2	79.3	79.3	79.5	79.6	80.0	
≥ 1000	54.3	58.5	62.9	71.1	71.9	76.5	80.2	81.4	82.6	82.9	83.0	83.0	83.2	83.2	83.7	
≥ 900	54.4	58.6	63.1	71.7	72.7	77.8	81.7	83.1	84.3	84.6	84.7	84.7	85.0	85.0	85.4	
≥ 800	54.5	58.8	63.4	72.7	73.8	79.4	83.6	85.1	85.4	86.7	86.9	86.9	87.1	87.2	87.6	
≥ 700	55.0	59.3	63.9	73.8	75.0	81.0	85.7	87.4	88.9	89.2	89.3	89.4	89.7	89.7	90.1	
≥ 600	55.1	59.4	64.1	74.3	75.5	81.9	87.3	89.2	90.8	91.3	91.3	91.4	91.7	91.8	92.3	
≥ 500	55.2	59.5	64.2	74.4	75.7	82.3	88.1	90.5	92.4	92.7	92.9	93.1	93.6	93.7	94.2	
≥ 400	55.2	59.5	64.2	74.5	75.8	82.5	88.6	91.4	94.0	94.4	94.8	95.0	95.5	95.6	96.1	
≥ 300	55.2	59.5	64.2	74.5	75.8	82.5	88.9	91.9	94.8	95.4	95.8	96.1	96.6	96.7	97.4	
≥ 200	55.2	59.5	64.2	74.5	75.8	82.5	88.9	91.9	94.9	95.6	96.2	96.7	97.3	97.7	98.7	
≥ 100	55.2	59.5	64.2	74.5	75.8	82.5	88.9	91.9	94.9	95.6	96.2	96.8	97.6	97.8	99.4	
≥ 0	55.2	59.5	64.2	74.5	75.8	82.5	88.9	91.9	94.9	95.6	96.2	96.8	97.7	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS

3776

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

34074 SCHWAERISCH HALL AAF DL

9.72

DEC

PERCENTAGE FREQUENCY OF OCCURENCE
(FROM HOURLY OBSERVATIONS)

0300-0303

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING				7.9	7.9	7.9	7.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 25000			1.6	12.7	12.7	12.7	12.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
≥ 18000			1.6	12.7	12.7	12.7	12.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
IV 16000			1.6	12.7	12.7	12.7	12.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
IV 14000			1.6	12.7	12.7	12.7	12.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
IV 12000		3.2	4.8	15.9	15.9	15.9	15.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
≥ 10000		3.2	4.8	15.9	15.9	15.9	15.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
IV 9000		3.2	4.8	15.9	15.9	15.9	15.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
IV 8000		3.2	4.8	15.9	15.9	15.9	15.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
IV 7000		3.2	4.8	17.5	17.5	17.5	17.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 6000		3.2	4.8	17.5	17.5	17.5	17.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
IV 5000		3.2	4.8	19.0	19.0	19.0	19.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
IV 4500		3.2	4.8	19.0	19.0	19.0	19.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
IV 4000		7.9	9.5	23.8	23.8	23.8	23.8	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
IV 3500		7.9	9.5	23.8	23.8	23.8	23.8	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
IV 3000		6.5	11.1	26.6	26.6	26.6	26.6	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
IV 2500		9.5	11.1	28.6	28.6	28.6	28.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
IV 2000		9.5	11.1	28.6	28.6	28.6	28.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
IV 1800		9.5	11.1	28.6	28.6	28.6	28.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
IV 1500		9.5	11.1	31.7	31.7	31.7	31.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
IV 1200		9.5	12.7	33.3	33.3	33.3	33.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
IV 1000		11.1	14.3	34.9	34.9	34.9	34.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 900		11.1	14.3	34.9	34.9	34.9	34.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 800		11.1	14.3	34.9	34.9	34.9	34.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 700		11.1	14.3	34.9	34.9	34.9	34.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 600		11.1	14.3	34.9	34.9	34.9	34.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 500		11.1	14.3	34.9	34.9	34.9	34.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 400		11.1	14.3	34.9	34.9	34.9	34.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 300		11.1	14.3	34.9	34.9	34.9	34.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 200		11.1	14.3	34.9	34.9	34.9	34.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 100		11.1	14.3	34.9	34.9	34.9	34.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 0		11.1	14.3	34.9	34.9	34.9	34.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1

TOTAL NUMBER OF OBSERVATIONS

63

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAERISCH HALL AAF DL

58-76

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)																			
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/32	≥ 0				
NO CEILING		11.0	12.5	14.1	16.2	18.0	20.4	20.8	22.9	23.3	26.1	27.3	24.7	24.9	24.9	25.1	25.2	25.2	25.2	25.3
≥ 20000		12.5	14.1	16.0	18.0	22.9	23.3	26.1	27.3	27.9	28.1	28.1	28.1	28.2	28.4	28.4	28.4	28.5	28.8	28.8
≥ 18000		12.5	14.1	16.0	18.0	22.9	23.3	26.1	27.3	27.9	28.1	28.1	28.1	28.2	28.4	28.4	28.4	28.5	28.8	28.8
≥ 16000		12.5	14.1	16.0	18.0	22.9	23.3	26.1	27.3	27.9	28.1	28.1	28.1	28.2	28.4	28.4	28.4	28.5	28.8	28.8
≥ 14000		12.5	14.1	16.0	18.0	22.9	23.3	26.1	27.3	27.9	28.1	28.1	28.1	28.2	28.4	28.4	28.4	28.5	28.8	28.8
≥ 12000		12.7	14.3	18.3	23.2	23.6	25.4	27.6	28.1	28.4	28.4	28.4	28.4	28.5	28.6	28.6	28.6	28.8	29.0	29.0
≥ 10000		12.9	14.3	18.4	23.6	24.0	26.8	28.0	28.5	28.8	28.5	28.8	28.8	28.9	29.0	29.0	29.0	29.2	29.5	29.5
≥ 9000		13.3	15.0	19.1	24.3	24.7	27.5	28.8	29.3	29.6	29.3	29.6	29.6	29.7	29.8	29.8	29.8	30.0	30.5	30.5
≥ 8000		15.1	17.0	21.2	29.7	27.1	35.0	31.4	32.0	32.2	32.2	32.2	32.5	32.6	32.6	32.6	32.6	32.6	33.3	33.3
≥ 7000		15.4	17.2	21.6	27.3	27.7	31.8	32.6	33.2	33.4	33.4	33.4	33.7	33.8	33.8	33.8	34.0	34.5	34.5	34.5
≥ 6000		15.5	17.4	22.0	27.7	28.1	31.2	33.2	33.7	34.0	34.0	34.0	34.2	34.4	34.4	34.4	34.5	34.5	35.0	35.0
≥ 5000		16.0	18.4	23.5	29.6	30.0	33.0	35.5	36.1	36.3	36.3	36.3	36.6	36.7	36.7	36.7	36.9	37.4	37.4	37.4
≥ 4500		17.2	19.8	25.1	31.2	31.6	34.7	37.5	38.1	38.3	38.3	38.3	38.6	38.7	38.7	38.7	38.9	39.4	39.4	39.4
≥ 4000		19.1	21.6	27.1	33.2	33.6	36.7	39.5	40.2	40.5	40.5	40.8	41.1	41.2	41.2	41.5	42.0	42.0	42.0	42.0
≥ 3500		21.2	23.2	28.9	35.3	35.7	39.3	42.4	43.3	43.8	43.8	44.2	44.4	44.6	44.6	44.8	45.4	45.4	45.4	45.4
≥ 3000		24.7	28.1	33.8	40.6	41.1	45.4	43.8	49.9	50.3	50.4	50.8	51.1	51.2	51.5	52.0	52.0	52.0	52.0	52.0
≥ 2500		23.2	28.8	33.0	41.8	42.3	46.8	50.0	51.1	51.6	51.7	52.3	52.5	52.7	52.9	53.4	53.4	53.4	53.4	53.4
≥ 2000		28.0	32.2	39.0	46.8	47.6	52.1	55.7	57.3	58.4	58.5	59.0	59.3	59.4	59.7	60.2	60.2	60.2	60.2	60.2
≥ 1800		29.0	33.4	40.5	48.7	49.5	54.0	57.6	59.2	60.3	60.5	61.0	61.3	61.4	61.7	62.2	62.2	62.2	62.2	62.2
≥ 1500		30.5	35.0	43.2	52.0	52.9	58.2	62.6	64.7	66.0	66.2	66.7	67.0	67.2	67.5	68.0	68.0	68.0	68.0	68.0
≥ 1200		32.6	37.3	45.8	55.8	56.9	63.0	67.8	70.6	72.0	72.3	72.8	73.1	73.3	73.6	74.1	74.1	74.1	74.1	74.1
≥ 1000		33.8	38.6	47.1	57.4	58.5	64.9	70.0	72.8	74.3	74.7	75.2	75.5	75.7	76.0	76.5	76.5	76.5	76.5	76.5
≥ 900		34.2	39.0	47.5	58.4	59.4	65.8	71.0	73.7	75.5	75.9	76.4	76.7	76.9	77.2	77.7	77.7	77.7	77.7	77.7
≥ 800		34.4	39.3	48.1	59.2	60.2	66.7	72.5	75.6	77.6	78.4	78.9	79.2	79.4	79.7	80.2	80.2	80.2	80.2	80.2
≥ 700		34.4	39.4	48.5	60.6	61.7	69.1	74.9	78.2	80.4	81.2	81.7	82.0	82.2	82.5	83.0	83.0	83.0	83.0	83.0
≥ 600		34.4	39.4	48.7	61.1	62.7	70.6	76.7	80.0	82.2	83.2	83.7	84.0	84.2	84.5	85.0	85.0	85.0	85.0	85.0
≥ 500		34.4	39.4	48.7	61.4	63.0	71.2	78.0	82.1	84.6	85.5	86.2	86.5	86.7	87.0	87.5	87.5	87.5	87.5	87.5
≥ 400		34.5	39.7	48.9	61.7	63.3	72.1	80.6	86.1	89.3	90.6	91.5	91.8	92.2	92.7	93.2	93.2	93.2	93.2	93.2
≥ 300		34.5	39.7	48.9	61.7	63.3	72.4	80.9	86.7	90.5	91.9	93.0	93.5	94.4	95.0	95.5	95.5	95.5	95.5	95.5
≥ 200		34.5	39.7	48.9	61.7	63.3	72.4	80.9	86.7	90.7	92.4	93.8	94.3	95.4	96.7	98.1	98.1	98.1	98.1	98.1
≥ 100		34.5	39.8	49.1	61.8	63.4	72.5	81.0	86.9	91.1	92.8	94.3	94.8	96.2	98.1	100.0	100.0	100.0	100.0	100.0
≥ 0		34.6	39.8	49.1	61.8	63.4	72.5	81.0	86.9	91.1	92.8	94.3	94.8	96.2	98.1	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

754

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAERISC HALL AAF DL

8-73

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥¾	≥½	≥¼	≥0	≥0
NO CEILING ≥ 20000		10.0	12.0	14.4	18.3	19.6	21.1	21.9	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 18000 IV 16000		13.1	15.5	18.2	22.7	23.0	25.8	27.0	27.2	27.6	27.6	27.6	27.6	27.6	27.6	27.6
IV 14000 IV 12000		13.2	15.6	18.3	22.8	23.1	25.9	27.1	27.4	27.8	27.8	27.8	27.8	27.8	27.8	27.8
IV 10000 IV 9000		14.0	16.4	19.1	23.6	24.0	27.0	28.3	28.6	29.0	29.0	29.0	29.0	29.1	29.1	29.2
IV 8000 IV 7000		17.9	20.4	23.1	27.9	28.2	31.4	32.8	33.1	33.5	33.5	33.5	33.5	33.6	33.6	33.8
IV 6000 IV 5000		20.0	22.7	26.0	31.1	31.8	35.2	36.7	37.0	37.4	37.4	37.4	37.4	37.5	37.5	37.7
IV 4500 IV 4000		21.1	24.0	27.4	32.7	33.4	37.4	39.1	39.5	39.9	39.9	39.9	39.9	40.1	40.1	40.2
IV 3500 IV 3000		23.5	26.8	30.3	35.8	36.4	41.3	43.1	43.5	43.9	43.9	44.1	44.1	44.2	44.2	44.3
IV 2500 IV 2000		25.8	29.2	32.7	38.7	39.3	44.9	47.3	47.7	48.1	48.1	48.2	48.2	48.3	48.3	48.5
IV 1800 IV 1500		28.8	33.1	37.1	43.5	44.3	50.6	53.5	54.1	54.7	54.7	54.9	54.9	55.1	55.3	55.4
IV 1200 IV 1000		31.8	36.3	40.3	47.3	48.5	56.1	59.7	60.5	61.1	61.1	61.3	61.3	61.5	61.7	61.8
IV 900 IV 800		32.3	37.2	42.1	49.5	50.5	58.1	61.7	62.6	63.7	63.8	64.1	64.1	64.4	64.5	64.6
IV 700 IV 600		35.5	40.7	45.5	53.1	54.1	62.1	66.0	67.3	68.5	68.5	68.9	68.9	69.3	69.4	69.6
IV 500 IV 400		38.2	43.8	49.1	57.4	58.5	67.0	71.4	72.9	74.1	74.2	74.5	74.5	74.9	75.0	75.2
IV 300 IV 200		39.0	44.7	50.2	59.1	60.2	68.8	73.3	74.8	76.0	76.1	76.5	76.5	77.0	77.2	77.3
IV 100 IV 0		39.5	45.5	51.3	60.9	61.9	70.5	75.2	76.8	78.1	78.2	78.6	78.6	79.2	79.3	79.4
		39.7	46.2	52.1	61.8	63.0	72.1	76.6	78.2	79.8	80.2	80.5	80.5	81.6	81.7	81.8
		39.7	46.2	52.1	62.5	64.1	73.7	78.9	81.3	82.9	83.3	83.7	83.7	84.6	84.8	84.9
		39.8	46.6	52.6	63.6	65.0	75.2	81.2	83.7	85.6	86.0	86.4	86.4	87.3	87.6	87.7
		39.8	46.6	52.7	64.1	65.6	76.0	82.9	85.6	87.6	88.1	88.5	88.5	89.7	90.0	90.1
		39.8	46.6	52.7	64.5	66.2	77.4	85.8	88.5	92.8	93.3	93.7	93.7	94.9	95.1	95.2
		39.8	46.6	52.7	64.5	66.2	77.4	85.8	89.5	93.2	93.9	94.4	94.4	95.7	97.1	97.6
		39.8	46.6	52.7	64.5	66.2	77.4	85.8	89.5	93.2	93.9	94.4	94.4	95.7	97.1	97.6
		39.8	46.6	52.7	64.5	66.2	77.4	85.8	89.5	93.2	93.9	94.4	94.4	95.7	97.1	97.6
		39.8	46.6	52.7	64.5	66.2	77.4	85.8	89.5	93.2	93.9	94.4	94.4	95.7	97.1	97.6

TOTAL NUMBER OF OBSERVATIONS

749

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWABSPISCH HALL AAF DL

58-7c

JEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UTC

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING		12.0	14.1	18.7	21.0	22.3	23.3	23.4	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6
≥ 20000		16.8	19.5	21.8	27.3	25.5	31.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	31.4
18000		16.8	19.5	21.9	27.3	28.5	31.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
16000		15.8	19.5	21.9	27.3	28.5	31.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
14000		17.0	19.8	22.1	27.5	28.8	30.5	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
12000		18.5	21.3	23.5	29.0	30.3	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
10000		19.0	21.6	24.3	29.9	31.1	32.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
9000		19.7	22.7	25.1	31.2	32.6	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
8000		21.7	24.7	27.3	33.5	35.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
7000		24.2	27.3	29.9	36.6	38.0	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
6000		24.8	27.7	30.4	37.2	38.5	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
5000		25.5	28.6	31.9	39.1	40.4	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
4500		25.3	29.4	32.7	39.9	41.2	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
4000		28.4	31.6	35.3	42.9	44.4	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
3500		29.3	33.0	36.7	44.9	45.5	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
3000		31.9	36.2	40.4	46.3	50.5	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2500		33.3	38.0	42.8	51.4	53.1	57.5	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
2000		36.8	41.2	45.9	55.0	56.6	61.9	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
1800		37.7	42.3	47.8	56.3	58.5	63.8	65.0	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5
1500		42.6	47.8	53.7	63.0	64.6	69.9	71.1	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9
1200		44.9	50.1	56.7	66.4	68.1	73.7	75.2	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4
1000		45.7	51.0	57.9	68.0	70.0	75.7	77.9	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2
900		46.3	52.1	59.2	69.5	71.3	77.6	79.9	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
800		46.9	53.1	60.4	71.1	73.5	79.9	82.4	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7
700		47.4	53.7	61.5	73.7	76.3	83.3	86.3	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2
600		47.4	53.7	61.5	73.7	76.3	83.3	86.3	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2
500		47.8	54.1	62.0	75.2	77.7	87.7	90.4	91.6	92.5	92.8	92.9	93.5	93.8	93.9	93.9
400		47.8	54.1	62.0	75.2	77.7	87.7	91.5	93.4	94.3	94.6	94.7	95.3	95.5	95.7	95.7
300		47.8	54.1	62.0	75.2	77.7	87.7	92.3	94.8	95.9	96.3	96.5	97.4	98.2	98.5	98.5
200		47.8	54.1	62.0	75.2	77.7	87.7	92.3	94.8	96.1	96.5	96.6	97.7	98.8	99.1	99.6
100		47.9	54.3	62.1	75.3	77.9	87.9	92.4	95.0	96.2	96.6	96.7	97.8	98.9	99.2	100.0
0		47.9	54.3	62.1	75.3	77.9	87.9	92.4	95.0	96.2	96.6	96.7	97.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

737

GLOBAL CLIMATOLOGY COMB
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWABISCH HALL AAF DL

8-76

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	14.5	17.2	18.9	22.3	22.7	25.0	25.3	25.3	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4
IV 18000	18.1	21.4	23.1	27.5	27.9	31.6	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1
IV 16000	18.1	21.4	23.1	27.5	27.9	31.6	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1
IV 14000	18.1	21.4	23.1	27.5	27.9	31.6	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1
IV 12000	18.7	21.9	23.7	28.1	28.6	31.4	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9
IV 10000	19.8	23.1	24.9	29.4	29.9	32.9	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
IV 9000	20.3	23.8	25.6	30.2	30.9	33.8	34.2	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 8000	21.9	25.6	27.3	32.2	32.7	35.7	36.1	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 7000	23.8	27.5	29.3	34.5	35.3	38.3	38.8	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1
IV 6000	24.9	28.7	31.0	36.3	36.9	39.9	40.5	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7
IV 5000	26.3	30.0	32.9	38.3	39.1	42.2	42.6	42.9	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IV 4500	26.8	30.6	33.4	39.8	39.8	45.0	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8
IV 4000	28.8	32.7	35.9	41.5	42.5	46.1	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 3500	30.3	34.5	37.8	43.3	44.8	48.7	49.8	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 3000	33.4	37.9	41.4	47.5	48.4	52.9	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 2500	35.1	40.7	44.5	51.2	52.2	57.0	58.6	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 2000	39.6	44.2	48.3	54.8	56.0	61.6	63.3	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 1800	40.3	45.3	49.8	57.0	58.2	63.9	65.6	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 1500	43.2	48.4	53.3	60.9	62.1	67.8	69.7	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 1200	45.2	51.4	56.7	64.5	65.8	71.9	74.0	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 1000	45.9	52.6	58.2	66.2	67.4	73.9	76.3	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 900	47.2	54.3	60.2	68.3	69.5	76.7	79.3	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 800	47.9	55.1	61.2	70.6	72.0	79.7	82.4	83.6	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 700	48.3	55.6	61.7	72.0	73.6	82.9	86.5	87.7	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 600	48.3	55.6	61.8	72.1	73.7	84.0	88.0	89.3	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 500	48.3	55.6	61.8	72.3	74.0	84.6	88.6	90.3	91.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
IV 400	48.3	55.6	61.8	72.3	74.0	85.1	90.4	92.6	94.5	95.4	95.7	95.7	95.7	95.7	95.7	95.7
IV 300	48.3	55.6	61.8	72.3	74.0	85.4	91.1	93.5	96.7	96.8	97.6	97.6	97.6	97.6	97.6	97.6
IV 200	48.3	55.6	61.8	72.3	74.0	85.4	91.1	93.5	95.9	97.0	97.8	97.8	97.8	97.8	97.8	97.8
IV 100	48.3	55.6	61.8	72.3	74.0	85.4	91.1	93.5	95.9	97.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 0	48.3	55.6	61.8	72.3	74.0	85.4	91.1	93.5	95.9	97.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

739

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

SR-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1600-2000
GROUP 1

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	11.2	14.3	16.4	22.2	22.5	24.3	25.1	26.4	26.5	26.5	26.9	26.9	26.9	26.9	27.1	27.1
≥ 70000	11.9	15.3	17.9	24.0	24.4	25.5	27.4	29.2	29.4	29.4	29.8	29.8	29.8	29.8	30.0	30.0
≥ 18000	11.9	15.3	17.9	24.0	24.4	25.5	27.4	29.2	29.4	29.4	29.8	29.8	29.8	29.8	30.0	30.0
≥ 16000	11.9	15.3	17.9	24.2	24.5	25.7	27.6	29.4	29.6	29.6	30.0	30.0	30.0	30.0	30.1	30.1
≥ 14000	11.9	15.3	17.9	24.2	24.5	25.7	27.6	29.4	29.6	29.6	30.0	30.0	30.0	30.0	30.1	30.1
≥ 12000	11.9	15.3	18.1	24.4	24.7	27.1	28.0	29.8	30.0	30.0	30.3	30.3	30.3	30.3	30.5	30.5
≥ 10000	11.9	15.3	18.1	24.4	24.7	27.1	28.0	29.8	30.0	30.0	30.3	30.3	30.3	30.3	30.5	30.5
≥ 9000	11.9	15.3	18.2	25.3	25.8	28.3	29.2	31.2	31.4	31.4	31.8	31.8	31.8	31.8	31.9	31.9
≥ 8000	14.6	18.4	21.7	29.1	29.5	32.7	33.9	35.6	35.7	35.7	36.1	36.1	36.1	36.1	36.3	36.3
≥ 7000	15.2	18.6	22.4	29.8	30.3	33.6	34.7	36.6	36.8	36.8	37.2	37.2	37.2	37.2	37.4	37.4
≥ 6000	15.9	19.9	23.5	31.0	31.5	34.8	35.9	37.9	38.1	38.1	38.4	38.4	38.4	38.4	38.6	38.6
≥ 5000	16.8	20.8	24.5	31.9	32.5	35.7	36.8	38.8	39.0	39.0	39.4	39.4	39.4	39.4	39.5	39.5
≥ 4500	18.2	22.2	26.2	33.6	34.1	37.4	38.8	40.8	41.0	41.0	41.3	41.3	41.3	41.3	41.5	41.5
≥ 4000	19.7	23.6	27.8	35.9	36.5	40.4	42.1	44.0	44.2	44.2	44.6	44.6	44.6	44.6	44.8	44.8
≥ 3500	21.5	25.0	30.0	38.1	38.5	43.0	44.8	45.8	46.9	46.9	47.3	47.3	47.3	47.3	47.5	47.5
≥ 3000	23.8	28.0	33.0	41.7	42.4	47.7	49.6	51.8	52.0	52.0	52.3	52.3	52.3	52.3	52.5	52.5
≥ 2500	26.0	30.3	35.7	44.9	45.6	51.8	53.1	57.2	57.4	57.4	57.8	57.8	57.8	57.8	57.9	57.9
≥ 2000	27.8	32.1	38.3	47.8	48.9	55.2	58.5	60.8	61.0	61.0	61.4	61.4	61.4	61.4	61.6	61.6
≥ 1800	28.5	33.6	40.1	49.8	50.9	57.9	61.0	63.4	63.7	63.7	64.1	64.1	64.1	64.1	64.3	64.3
≥ 1500	31.4	37.9	45.5	56.5	57.6	65.7	69.5	72.2	72.7	72.7	73.1	73.1	73.1	73.1	73.3	73.3
≥ 1200	32.5	39.4	47.8	59.2	60.3	69.5	73.5	76.7	77.4	77.4	77.8	77.8	77.8	77.8	78.0	78.0
≥ 1000	32.9	40.1	48.9	61.4	62.5	72.2	76.2	80.0	80.7	80.7	81.0	81.0	81.0	81.0	81.2	81.2
≥ 900	33.8	41.0	50.0	63.2	64.3	74.5	79.2	83.0	83.8	83.8	84.1	84.1	84.1	84.1	84.3	84.3
≥ 800	33.9	41.2	50.2	63.9	65.0	76.0	80.9	85.6	86.6	86.6	87.0	87.0	87.0	87.0	87.2	87.2
≥ 700	33.9	41.2	50.3	64.9	65.3	78.9	82.5	87.7	89.2	89.4	89.9	89.9	89.9	89.9	90.1	90.1
≥ 600	33.9	41.2	50.9	64.8	65.9	78.2	84.7	89.9	92.1	92.2	92.8	92.8	92.8	92.8	93.0	93.0
≥ 500	33.9	41.2	50.9	65.0	66.1	78.5	85.0	90.8	93.5	93.7	94.2	94.2	94.2	94.2	94.4	94.4
≥ 400	33.9	41.2	50.9	65.2	66.2	78.7	85.6	91.5	94.9	95.1	95.7	95.7	95.7	95.7	95.8	95.8
≥ 300	33.9	41.2	50.9	65.2	66.2	78.7	85.6	92.2	95.7	96.2	96.9	96.9	96.9	96.9	97.1	97.1
≥ 200	33.9	41.2	50.9	65.2	66.2	78.7	85.6	92.4	95.4	97.1	98.0	98.0	98.0	98.0	98.6	98.6
≥ 100	33.9	41.2	50.9	65.2	66.2	78.7	85.6	92.4	95.4	97.1	98.0	98.0	98.0	98.6	99.3	99.3
≥ 0	33.9	41.2	50.9	65.2	66.2	78.7	85.6	92.4	95.4	97.1	98.0	98.0	98.0	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

554

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34074 SCHWAEBISCH HALL AAF DL

70, 76-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥1/8	≥.	≥0	
NO CEILING		19.2	22.1	23.1	25.0	27.9	30.8	30.8	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000		20.2	23.1	26.0	27.9	30.8	33.7	33.7	39.4	41.4	41.4	40.4	41.4	41.4	40.4	40.4
≥ 18000		20.2	23.1	26.0	27.9	30.8	33.7	33.7	39.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 16000		20.2	23.1	26.0	28.8	31.7	34.6	34.6	40.4	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 14000		20.2	23.1	26.0	28.8	31.7	34.6	34.6	40.4	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 12000		20.2	23.1	26.0	28.8	31.7	34.6	34.6	40.4	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 10000		20.2	24.0	26.9	29.8	32.7	35.6	35.6	41.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 9000		20.2	24.0	27.9	30.8	33.7	36.5	36.5	42.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 8000		21.2	25.0	28.8	31.7	34.6	36.5	36.5	44.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 7000		21.2	25.0	28.8	31.7	35.6	38.5	38.5	47.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 6000		22.1	26.9	30.8	33.7	37.5	41.3	41.3	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 5000		23.1	27.9	31.7	34.6	38.5	42.3	42.3	50.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 4500		25.0	29.8	33.7	36.5	40.4	44.2	44.2	51.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 4000		26.9	32.7	36.5	39.4	43.3	49.0	49.0	56.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 3500		27.9	34.6	36.5	42.3	46.2	51.9	51.9	60.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 3000		30.8	37.5	43.3	47.1	51.9	57.7	57.7	66.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 2500		34.6	41.3	47.1	51.0	55.8	61.6	64.4	73.1	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2000		35.6	42.3	50.0	53.8	58.7	64.4	67.3	76.0	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1800		36.5	43.3	51.9	54.8	59.6	65.4	68.3	77.9	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1500		37.5	47.1	55.7	61.6	66.5	73.1	76.0	83.7	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200		37.5	47.1	57.7	62.5	67.3	77.9	80.8	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000		38.5	48.1	58.7	63.5	68.3	78.8	81.7	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900		38.5	48.1	58.7	63.5	68.3	78.8	82.7	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800		38.5	48.1	58.7	63.5	68.3	78.8	83.7	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700		38.5	48.1	58.7	63.5	68.3	78.8	83.7	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600		38.5	48.1	58.7	63.5	68.3	78.8	83.7	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500		38.5	48.1	58.7	63.5	68.3	78.8	83.7	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400		38.5	48.1	58.7	63.5	68.3	78.8	83.7	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300		38.5	48.1	58.7	63.5	68.3	78.8	83.7	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200		38.5	48.1	58.7	63.5	68.3	78.8	83.7	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100		38.5	48.1	58.7	63.5	68.3	78.8	84.6	94.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		38.5	48.1	58.7	63.5	68.3	78.8	84.6	94.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

104

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34074 SCHNAEPISCH HALL AFB GA

9-7E

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
MONTH LIST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING		12.0	14.2	16.0	20.7	21.2	23.4	23.9	24.4	24.5	24.5	24.5	24.6	24.6	24.7	24.7
≥ 20000		14.5	17.1	20.0	24.6	25.4	27.8	28.6	29.2	29.4	29.4	29.5	29.5	29.5	29.6	29.7
≥ 18000		14.5	17.1	20.0	24.6	25.4	27.9	28.6	29.2	29.4	29.4	29.5	29.5	29.5	29.6	29.7
≥ 16000		14.5	17.1	20.0	24.6	25.5	27.9	28.7	29.3	29.5	29.5	29.4	29.6	29.6	29.7	29.7
≥ 14000		14.6	17.2	20.1	24.7	25.5	28.0	28.7	29.3	29.5	29.5	29.5	29.7	29.7	29.7	29.8
≥ 12000		15.2	17.8	20.7	25.6	26.2	28.7	29.5	30.1	30.3	30.3	30.4	30.4	30.4	30.5	30.6
≥ 10000		15.6	18.2	21.2	26.2	26.8	29.4	30.2	30.8	31.0	31.0	31.1	31.1	31.1	31.2	31.3
≥ 9000		15.2	19.0	21.9	27.2	27.9	30.5	31.4	32.0	32.2	32.2	32.3	32.3	32.3	32.4	32.6
≥ 8000		16.3	21.2	25.2	29.7	30.5	33.2	34.1	34.7	34.9	35.0	35.1	35.1	35.1	35.2	35.4
≥ 7000		19.5	22.5	25.9	31.6	32.3	35.2	36.3	37.0	37.2	37.2	37.3	37.3	37.3	37.4	37.6
≥ 6000		21.1	23.2	26.7	32.5	33.3	36.2	37.3	38.0	38.2	38.2	38.3	38.4	38.4	38.5	38.6
≥ 5000		21.0	24.2	26.0	34.1	34.9	37.9	39.1	39.8	40.0	40.0	40.0	40.2	40.2	40.3	40.4
≥ 4300		21.0	25.1	27.1	35.1	35.9	39.1	40.5	41.2	41.4	41.4	41.5	41.6	41.6	41.7	41.8
≥ 4000		23.0	27.3	31.5	37.7	38.6	42.4	43.9	44.6	44.8	44.9	45.0	45.1	45.1	45.2	45.4
≥ 3500		23.3	29.1	33.4	40.0	41.0	45.2	46.9	47.8	48.0	48.0	48.1	48.2	48.3	48.4	48.6
≥ 3000		29.4	32.6	37.2	44.2	45.3	50.0	52.1	53.0	53.2	53.3	53.4	53.5	53.6	53.7	53.9
≥ 2500		29.6	34.2	39.3	46.4	47.6	52.6	55.0	55.0	56.3	56.4	56.6	56.7	56.7	56.8	57.1
≥ 2000		32.7	37.2	42.5	50.2	51.5	57.3	60.1	61.3	61.7	61.8	62.0	62.1	62.1	62.3	62.5
≥ 1800		33.1	38.3	44.2	52.1	53.4	59.4	62.2	63.5	64.1	64.2	64.4	64.5	64.6	64.7	65.0
≥ 1500		35.4	41.7	48.3	56.8	58.1	64.7	67.8	69.5	70.3	70.4	70.6	70.6	70.8	71.0	71.2
≥ 1200		35.8	44.1	51.3	60.3	61.7	68.9	72.4	74.4	75.4	75.5	75.7	75.8	75.9	76.0	76.2
≥ 1000		39.2	45.2	52.5	62.0	63.4	70.9	74.7	76.8	77.8	77.9	78.1	78.3	78.4	78.5	78.6
≥ 900		35.9	46.1	53.7	63.6	65.0	72.7	76.7	78.9	79.9	80.1	80.3	80.5	80.6	80.7	81.0
≥ 800		40.3	46.7	54.4	64.8	66.4	74.5	78.8	81.1	82.4	82.7	82.9	83.2	83.4	83.5	83.8
≥ 700		40.6	46.9	54.7	65.9	67.6	75.8	81.5	84.3	85.7	86.0	86.3	86.6	86.9	87.1	87.3
≥ 600		40.5	47.0	55.0	65.5	68.3	76.2	83.5	86.4	87.9	88.4	88.7	89.1	89.3	89.4	89.7
≥ 500		47.6	47.1	55.2	67.0	68.2	76.1	84.6	87.8	89.7	90.3	90.7	91.1	91.4	91.5	91.8
≥ 400		43.6	47.1	55.2	67.2	69.1	75.3	86.4	90.2	92.7	93.4	93.8	94.3	94.6	94.8	95.1
≥ 300		40.6	47.1	55.2	67.2	69.1	75.9	86.9	91.1	94.0	94.8	95.3	95.6	95.7	95.8	96.1
≥ 200		40.6	47.1	55.2	67.2	69.1	75.9	86.9	91.2	94.4	95.3	95.8	96.1	96.8	97.1	97.5
≥ 100		41.6	47.2	55.3	67.3	69.1	75.0	87.0	91.2	94.5	95.4	95.8	96.9	97.8	98.3	100.0
≥ 0		40.6	47.2	55.3	67.3	69.1	75.0	87.0	91.2	94.5	95.4	95.8	96.9	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

3701

GLOBAL CLIMATOLOGY GROUP
 USAF ATAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

64074 SCHWABERSON HALL AAF DL

0-76

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

44
 NOV 65

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING		27.4	25.7	30.1	32.4	37.5	33.3	34.3	34.5	34.6	34.9	34.9	35.0	35.1	35.2	35.3
≥ 20000		31.4	33.1	36.4	39.3	39.4	41.0	41.6	41.9	42.2	42.3	42.3	42.3	42.3	42.7	43.3
18000		33.2	35.3	36.7	39.6	39.7	41.1	41.8	42.1	42.5	42.5	42.5	42.5	42.7	42.9	43.3
16000		33.9	35.3	36.7	39.6	39.7	41.1	41.8	42.1	42.5	42.5	42.5	42.5	42.7	42.9	43.3
14000		34.2	35.0	37.1	39.8	41.0	41.3	42.0	42.3	42.7	42.8	42.9	43.0	43.1	43.2	43.3
12000		34.7	36.3	37.4	40.0	41.3	42.1	42.9	43.2	43.5	43.6	43.7	43.8	43.9	44.0	44.4
10000		35.7	36.3	39.9	42.9	42.1	44.3	45.3	45.6	46.0	46.1	46.1	46.3	46.4	46.5	46.5
9000		35.1	39.8	41.4	44.3	44.6	44.2	47.0	47.3	47.7	47.8	47.9	48.0	48.1	48.2	48.7
8000		42.1	43.9	45.2	49.1	49.4	49.9	51.8	52.2	52.6	52.7	52.8	52.9	53.0	53.1	53.3
7000		43.9	45.9	47.2	51.3	51.7	52.3	54.3	54.7	55.1	55.2	55.3	55.4	55.6	55.7	56.2
6000		44.3	46.8	46.3	52.4	52.7	52.4	55.4	55.8	56.2	56.4	56.4	56.6	56.7	56.8	57.3
5000		46.5	46.7	50.4	54.4	54.3	54.0	57.6	58.0	58.5	58.5	58.7	58.8	58.9	59.1	59.3
4500		47.7	49.9	52.1	55.9	55.3	55.1	59.2	59.6	60.1	60.2	60.3	60.4	60.5	60.7	61.2
4000		50.2	52.5	54.8	58.9	59.3	61.3	62.4	62.9	63.4	63.4	63.4	63.7	63.9	64.1	64.5
3500		52.5	55.0	57.4	61.7	62.2	64.3	65.6	66.1	66.6	66.7	66.8	67.0	67.1	67.2	67.9
3000		55.9	58.6	61.2	65.9	66.3	67.7	70.1	70.6	71.2	71.3	71.4	71.6	71.7	71.9	72.4
2500		57.8	60.7	63.5	68.4	68.9	71.4	72.9	73.4	74.0	74.2	74.3	74.5	74.6	74.6	75.3
2000		60.0	63.0	66.5	71.3	71.8	74.6	76.2	76.8	77.5	77.6	77.7	77.9	78.0	78.2	78.7
1800		60.6	63.7	66.8	72.1	72.7	75.5	77.2	77.9	78.5	78.7	78.8	79.0	79.1	79.3	79.8
1500		62.4	65.8	69.2	75.0	75.6	78.8	80.7	81.4	82.1	82.3	82.4	82.6	82.7	82.9	83.4
1200		63.8	67.4	71.0	77.4	78.1	81.5	83.7	84.5	85.3	85.5	85.5	85.8	85.9	86.1	86.6
1000		64.5	68.4	72.2	79.3	79.8	83.0	86.0	86.9	87.8	88.0	88.1	88.2	88.5	88.7	89.2
900		64.9	68.8	72.7	79.8	80.7	82.7	87.2	88.2	89.1	89.3	89.4	89.6	89.8	89.9	90.5
800		65.2	69.2	73.2	80.7	81.6	83.9	88.6	89.6	90.6	90.9	91.0	91.2	91.4	91.6	92.1
700		65.5	69.5	73.7	81.5	82.4	87.1	90.1	91.3	92.4	92.7	92.8	93.1	93.2	93.4	94.0
600		65.6	69.7	74.0	82.0	83.0	87.9	91.2	92.5	93.8	94.1	94.3	94.5	94.7	94.9	95.5
500		65.7	69.8	74.1	82.3	83.3	88.4	92.0	93.5	94.9	95.3	95.5	95.8	96.0	96.2	96.8
400		65.8	69.9	74.2	82.4	83.4	88.6	92.5	94.2	95.9	96.3	96.4	96.9	97.2	97.4	98.1
300		65.8	69.9	74.2	82.4	83.4	88.7	92.6	94.4	96.2	96.7	97.0	97.4	97.8	98.0	98.8
200		65.8	69.9	74.2	82.4	83.4	88.7	92.6	94.4	96.2	96.8	97.2	97.6	98.1	98.4	99.4
100		65.8	69.9	74.2	82.4	83.5	88.7	92.6	94.4	96.3	96.8	97.2	97.6	98.1	98.5	99.3
0		65.8	69.9	74.2	82.4	83.5	88.7	92.6	94.4	96.3	96.8	97.2	97.7	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

47034

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

DATA NOT AVAILABLE

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 results in the exclusion of certain values. The conversion method used at OLA to present these data may result in differences not exceeding $\pm 1^{\circ}\text{F}$ from directly converted values but excludes no Fahrenheit values.
- b. Extreme minimum temperature

NOTE: Direct conversion of temperatures from Celsius to Fahrenheit values

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

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

Continued on Reverse

E

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

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

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

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

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

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

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

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

34074 SCHWAEBISCH HALL AAF DL 70-71,73 JAN
 STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45				1.7														1	1		
44/ 43			1.7															1	1		
42/ 41		1.7																1	1		
40/ 39																					2
38/ 37	3.3																	2	2	2	1
36/ 35	8.3	10.0																11	11	9	8
34/ 33	3.3	1.7																3	3	5	6
32/ 31	1.7																	1	1	1	4
30/ 29	3.3	3.3																4	4	4	3
28/ 27	21.7	3.3																15	15	14	11
26/ 25	6.7																	4	4	5	7
24/ 23	6.7	3.3																6	6	4	6
22/ 21	6.7	3.3																6	6	7	3
20/ 19	6.7																	4	4	5	6
18/ 17	1.7																	1	1	1	3
16/ 15																					2
TOTAL	70.0	26.7	1.7	1.7														60	60	60	60

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	531461	5627	93.8	7.964	60	≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	52080	1724	28.7	6.566	60		63.6					93
Wet Bulb	30136	1696	28.3	6.100	60		63.6					93
Dew Point	46316	1626	27.1	6.177	60		69.6					93

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

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

34074 SCHWAEBISCH HALL AAF DL 69-79 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
50/ 49	.3	.1	.3															5	5	2	2														
48/ 47	.1	.4	.3															6	6	4	2														
46/ 45		.5	.6															9	9	5	3														
44/ 43	.4	1.8	1.2	.1														27	27	11	6														
42/ 41	.4	3.3	.5															33	33	34	20														
40/ 39	.9	4.1	.5															43	43	33	27														
38/ 37	2.9	7.6	.4															85	85	63	36														
36/ 35	2.6	7.2	.6															61	81	95	88														
34/ 33	3.5	5.6	.1															72	72	85	77														
32/ 31	2.7	4.0	.1															53	53	65	84														
30/ 29	4.9	4.6	.1															75	75	66	80														
28/ 27	10.4	.9																88	88	91	102														
26/ 25	2.7	1.0																29	29	26	46														
24/ 23	3.6	.9																35	35	37	50														
22/ 21	1.9	1.7																28	28	27	20														
20/ 19	3.7	.4																32	32	36	25														
18/ 17	3.3	.3																28	28	28	37														
16/ 15	.9	.5																11	11	10	21														
14/ 13	.3	.8																8	8	6	8														
12/ 11	.5	.1																5	5	8	6														
10/ 9	.6	.4																8	8	6	13														
8/ 7	.3	.1																3	3	5	3														
6/ 5	.6	.4																8	8	7	4														
4/ 3	.1																	1	1	3	5														
2/ 1	.5	.1																5	5	4	3														
0/ -1	.1																	1	1	2	10														
-2/ -3	.1																	1	1	1	1														
-6/ -7																					1														
TOTAL	48.3	46.8	4.7	.1														780	780	780	780														
Element (X)	Σx	Σx	X	%	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	6575191	71371	91.5	7.571	780	≤ 0 F	≤ 32 F	≥ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	784345	23731	30.4	8.946	780	2	50.0					93																							
Wet Bulb	744146	23150	29.7	8.559	780	4	53.4					93																							
Dew Point	680487	21987	28.2	8.828	780	1.4	61.9					93																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
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PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL 69-79 JAN

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb, Dew Point				
52/ 51				.1														1	1					
50/ 49	.3		.4	.1														6	6	2	2			
48/ 47	.1	.5	.5	.1														10	10	3	1			
46/ 45		1.3	1.3	.5														24	24	6	4			
44/ 43		2.4	1.1	.3														30	30	17	5			
42/ 41	.1	2.7	.8															28	28	35	18			
40/ 39	.3	5.1	2.0															63	63	45	28			
38/ 37	2.3	6.1	.6															71	71	76	48			
36/ 35	1.9	8.5	1.0															90	90	79	77			
34/ 33	3.2	6.0	.4															75	75	99	97			
32/ 31	3.4	6.0	.3															76	76	73	99			
30/ 29	4.3	3.0	.3															60	60	85	84			
28/ 27	7.5	1.9																74	74	72	91			
26/ 25	3.2	2.2																42	42	39	47			
24/ 23	2.0	1.6																29	29	36	40			
22/ 21	1.3	1.3																20	20	23	25			
20/ 19	3.7	.5																33	33	34	25			
18/ 17	1.6	1.1																22	22	21	38			
16/ 15	.5	.4																7	7	11	14			
14/ 13		.8																6	6	3	9			
12/ 11	.4	.1																4	4	7	3			
10/ 9	.1	.3																3	3	3	9			
8/ 7	.5	.5																8	8	7	7			
6/ 5	.3	.1																3	3	4	4			
4/ 3	.3	.1																3	3	4	5			
2/ 1	.1																	1	1	1	4			
0/ -1																					4			
-2/ -3																					1			
TOTAL	37.9	52.3	8.6	1.1														789	789	789	789			
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	6316751	70277	89.1	8.513	789	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93												
Dry Bulb	849341	24997	31.7	8.534	789		46.1					93												
Wet Bulb	792379	24191	30.7	8.019	789		49.9					93												
Dew Point	704556	22680	28.7	8.325	789	.6	60.0					93												

USAFETAC FORM JUN 71 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

34074 STATION SCHWAERISCH HALL AAF DL STATION NAME 69-79 YEARS JAN MONTH
 PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb
54/ 53				.3													2	2		
52/ 51		.1	.1	.1													3	3		
50/ 49	.1	.3	.5	.5													11	11	3	2
48/ 47	.1	.5	.6	.3	.1												13	13	9	2
46/ 45		1.1	1.8	1.3													33	33	7	4
44/ 43		3.6	2.4	.8													53	53	25	7
42/ 41	.3	3.7	2.0	.6													52	52	60	31
40/ 39	.8	6.5	1.9	.3													74	74	57	33
38/ 37	3.0	6.6	2.3	.8													100	100	95	74
36/ 35	.5	7.0	2.3														77	77	75	73
34/ 33	2.2	5.1	.9														64	64	102	85
32/ 31	2.4	6.0	.5														70	70	94	94
30/ 29	2.2	4.4	.4														55	55	66	83
28/ 27	4.9	3.9	.1														71	71	67	102
26/ 25	2.4	1.5	.3														33	33	39	50
24/ 23	.4	1.1	.1	.1													14	14	16	42
22/ 21	.4	2.3	.1														22	22	16	17
20/ 19	1.0	1.4															19	19	23	22
18/ 17	.4	.8	.3														11	11	19	22
16/ 15	.1	.1															2	2	5	6
14/ 13	.1	.3															3	3	2	11
12/ 11	.3	.3															4	4	5	11
10/ 9	.3																2	2	2	7
8/ 7																				6
6/ 5																				3
0/ -1																				1
TOTAL	21.8	56.5	16.6	4.9	.1												788	788	788	788
Element (X)	Σx ²	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	5720968	66624	84.5	10.576	788	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93								
Dry Bulb	976342	27078	34.4	7.634	788		36.1					93								
Wet Bulb	884416	25812	32.8	7.031	788		41.8					93								
Dew Point	754868	23650	30.0	7.567	788	.1	56.3					93								

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL 69-79 JAN
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
54/ 53			.5	.1														5	5																
52/ 51		.3	.5	.3														8	8	2															
50/ 49		.1	.9	.8														14	14	5	3														
48/ 47		.5	.9	.3	.1													14	14	7	4														
46/ 45		1.7	2.0	.4	.1													33	34	13	3														
44/ 43	.1	3.6	1.9	.3														46	46	31	11														
42/ 41	.6	5.1	1.3	.3	.1													58	58	52	25														
40/ 39	.5	6.0	3.4	.1	.3													81	81	72	42														
38/ 37	1.6	6.8	1.5	.5														83	83	87	82														
36/ 35	1.5	8.4	2.6	.1														99	99	86	77														
34/ 33	1.7	5.2	1.0	.1														63	63	98	90														
32/ 31	3.1	6.0	.9															78	78	86	90														
30/ 29	2.8	4.3	.4															59	59	84	84														
28/ 27	3.7	1.8	.1															44	44	52	93														
26/ 25	1.4	2.0																27	27	24	45														
24/ 23	.9	.8																13	13	21	38														
22/ 21	.6	1.9	.1															21	21	17	14														
20/ 19	1.0	.5																12	12	18	15														
18/ 17	.8	1.1	.1															16	16	12	27														
16/ 15	.3	.1																3	3	9	8														
14/ 13	.4	.3																5	5	5	17														
12/ 11	.1																	1	1	2	5														
10/ 9	.1																	1	1	1	3														
8/ 7																					6														
6/ 5																					2														
TOTAL	21.3	56.6	18.2	3.2	.6													784	785	784	784														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	5686027	66259	84.5	10.493	784	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	1004620	27432	34.9	7.660	785		33.2					93																							
Wet Bulb	906969	26091	33.3	7.028	784		39.3					93																							
Dew Point	776131	23959	30.6	7.492	784		53.0					93																							

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

DAFF-0451E

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAEBISCH HALL AAF DL

69-79

JAN

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb		Dew Point		
54/ 53			.1																	1	1		
52/ 51		.9																		6	6		
50/ 49		.1	.1	.1																3	3	6	3
48/ 47		.1	.4																	4	4	1	5
46/ 45		1.5	.4																	13	13	4	1
44/ 43	.3	2.5	.7	.1	.1															26	26	21	7
42/ 41	.1	5.3	.6	.3																43	43	28	26
40/ 39	1.5	5.8	.4																	52	52	43	27
38/ 37	3.4	7.7	.6																	79	79	73	61
36/ 35	1.2	7.4	.1																	59	59	65	64
34/ 33	4.7	5.5	.6																	73	73	92	60
32/ 31	3.1	6.2	.4																	66	66	68	86
30/ 29	3.7	3.9	.1																	52	52	64	68
28/ 27	7.6	2.5																		68	68	73	80
26/ 25	3.1	1.3																		30	30	28	41
24/ 23	2.4	1.3																		25	25	26	46
22/ 21	.1	1.9																		14	14	12	16
20/ 19	2.4	.7																		21	21	26	10
18/ 17	1.8	.6																		16	16	17	18
16/ 15		.7																		5	5	6	19
14/ 13	.3	.3																		4	4	5	10
12/ 11	1.2	.1																		9	9	8	8
10/ 9	.1	.4																		4	4	3	12
8/ 7	.1																			1	1	3	2
6/ 5																							2
4/ 3																							2
TOTAL	37.2	57.1	4.9	.6	.1															674	674	674	674
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	5466092	60456	89.7	8.026	674	30 F	32 F	67 F	73 F	80 F	93 F	Total											
Dry Bulb	753226	21894	32.5	7.902	674		43.5					93											
Wet Bulb	707381	21243	31.5	7.499	674		46.8					93											
Dew Point	638216	20044	29.7	7.912	674		58.0					93											

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

9477-50381

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL 69-79 JAN

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B. W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	31	Dry Bulb	Wet Bulb
54/ 53			.1	.1													8	8		
52/ 51		.2	.1	.1													18	18	2	
50/ 49	.1	.1	.4	.3													39	39	20	12
48/ 47	.1	.4	.5	.1	.1												48	48	24	14
46/ 45		1.2	1.2	.5	.0												115	116	38	16
44/ 43	.2	2.7	1.5	.3	.0												185	185	106	36
42/ 41	.3	3.9	1.0	.2	.0												220	220	212	120
40/ 39	.9	5.4	1.7	.1	.1												320	320	259	161
38/ 37	2.6	6.8	1.1	.3													428	428	410	307
36/ 35	1.7	7.8	1.4	.0													433	433	418	401
34/ 33	2.9	5.4	.6	.0													359	359	493	423
32/ 31	3.0	5.5	.4														356	356	399	476
30/ 29	3.6	4.1	.3														318	318	404	406
28/ 27	6.9	2.2	.1														364	364	377	492
26/ 25	2.6	1.6	.1														167	167	163	242
24/ 23	2.0	1.2	.0	.0													127	127	145	227
22/ 21	1.0	1.6	.1														113	113	105	101
20/ 19	2.5	.7															127	127	148	107
18/ 17	1.6	.6	.1														98	98	102	150
16/ 15	.4	.4															29	29	42	74
14/ 13	.2	.5															30	31	23	57
12/ 11	.5	.2															26	26	35	34
10/ 9	.3	.2															21	21	18	47
8/ 7	.2	.1															12	12	15	27
6/ 5	.2	.1															12	12	12	17
4/ 3	.1	.0															4	4	7	13
2/ 1	.1	.0															6	6	5	7
0/ -1	.0																1	1	2	15
-2/ -3	.0																1	1	1	2
-6/ -7																				1
TOTAL	33.9	53.4	10.6	2.0	.2												3985	3987	3985	3985
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	31171500	350388	87.9	9,547	3985	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total								
Dry Bulb	4527202	130148	32.6	8,363	3987	.4	338.3					744								
Wet Bulb	4185449	125359	31.5	7,793	3988	.6	374.0					744								
Dew Point	3690792	116900	29.3	8,102	3988	3.4	465.8					744								

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

9477-10221

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL

69-79

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800
HOURS U.S. T.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/ 49		.1		.3														3	3		
48/ 47		.3		.1														3	3	3	1
45/ 45		.7		.1														6	6		2
44/ 43	.3	1.7	.9	.9														26	26	15	4
42/ 41	.9	2.6	.4															27	27	21	17
40/ 39	.3	3.3	.9															31	31	24	19
38/ 37	2.2	4.1	.1															44	44	50	26
36/ 35	4.7	5.1	.4															70	70	72	70
34/ 33	6.4	5.8	.3															86	86	87	69
32/ 31	5.9	8.1	.1															95	95	99	98
30/ 29	5.2	4.5																67	67	81	86
28/ 27	7.3	2.6																66	68	63	77
26/ 25	3.8	2.3																42	42	40	53
24/ 23	2.8	1.9																32	32	34	35
22/ 21	1.9	1.3																22	22	30	32
20/ 19	3.2																	22	22	25	30
18/ 17	2.0	.4																17	17	17	20
16/ 15	1.5	.1																11	11	10	17
14/ 13	1.3	.3																11	11	11	18
12/ 11	.4																	3	3	4	5
10/ 9	.3																	2	2	2	8
8/ 7																					1
TOTAL	49.9	45.5	3.2	1.5														688	688	688	688
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Dry Bulb	5818003	63033	91.6	7.917	688	< 60 F	60-65 F	65-70 F	70-75 F	75-80 F	80-85 F	85 F	84								
Wet Bulb	695904	21306	31.0	7.249	688								84								
Dew Point	602738	19772	28.7	7.089	688								84								

9433-94321

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWABISCH HALL AAF DL 69-79 FE8
STATION STATION CODE YEARS MONTH

PAGE 1 0900-1100
MOON ILL. S. T. T.

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				
54/ 53					.1													1	1						
50/ 49		.3	.3	.4	.1													7	7						
48/ 47	.1	.3	.7	.1	.1													10	10	4	2				
46/ 45		1.4	.7	.7														20	20	4	2				
44/ 43	.4	1.4	.9	.4														22	22	24	6				
42/ 41	.9	2.3	1.0															26	26	21	15				
40/ 39	.7	3.0	1.3	.3														37	37	32	23				
38/ 37	3.0	5.1	1.6	.1														69	69	62	37				
36/ 35	3.8	7.5	1.6	.1														92	92	60	74				
34/ 33	5.6	6.1	.3															88	89	115	82				
32/ 31	5.1	7.4	1.0															95	95	80	113				
30/ 29	4.8	4.7	.3															69	69	93	89				
28/ 27	3.8	3.8	.3															56	56	52	53				
26/ 25	2.4	2.0																31	31	45	66				
24/ 23	1.6	2.1																26	26	23	35				
22/ 21	1.6	1.4																21	21	25	31				
20/ 19	1.4	.3																12	12	18	25				
18/ 17	.6	.1																5	5	7	17				
16/ 15	.4	.3																5	5	5	18				
14/ 13	1.0																	7	7	7	10				
12/ 11	.4																	3	3	3	5				
10/ 9																					3				
TOTAL	37.3	49.7	10.4	2.3	.3													702	703	702	702				
Element (X)	Σx²	Σx	X	%	No. Obs.	Mean No. of Hours with Temperature					Total														
Rel. Hum.	5612530	62336	88.9	9.745	702	± 0 F	± 32 F	± 67 F	± 72 F	± 65 F	± 93 F	Total													
Dry Bulb	792229	23089	32.8	6.950	702		39.6					84													
Wet Bulb	734971	22263	31.7	6.424	702		42.8					84													
Dew Point	653883	20207	29.8	6.675	702		54.8					84													

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE, MAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWAEPISCH HALL AAF DL STATION NAME 69-79 YEARS FEB MONTH

PAGE 1 1200-1400
NO. 45 U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																
60/ 59							.1											1	1																
56/ 55				.1	.6													5	5																
54/ 53				.3	.1	.4												5	6																
52/ 51			.4	.6	.4													10	10																
50/ 49		.4	.7	.7	.3													15	15	1															
48/ 47		.4	1.2	.6	.3													18	18	14	1														
46/ 45	.3	1.6	1.9	1.1		.1	.3											37	37	17	9														
44/ 43	.3	2.6	2.3	1.1														44	44	26	12														
42/ 41	.1	3.0	2.0	.9	.3	.1												45	45	56	19														
40/ 39	.7	5.7	3.1	.1														68	68	31	53														
38/ 37	3.1	5.3	3.0	.9														86	86	92	49														
36/ 35	2.3	7.5	3.1	.1														92	92	87	77														
34/ 33	3.1	6.	1.3															75	75	111	86														
32/ 31	1.4	4.8	1.0															51	51	51	35														
30/ 29	1.4	4.0	1.0															45	45	51	74														
28/ 27	3.3	3.6	1.0	.3														57	57	48	86														
26/ 25	1.9	1.1	.9	.1														24	24	40	46														
24/ 23	.3	.9																8	8	10	45														
22/ 21		.4																3	3	11	21														
20/ 19	.9	.3																6	8	9	12														
18/ 17		.1																1	1	3	9														
16/ 15	.4																	3	3	3	6														
14/ 13																					7														
12/ 11																					2														
10/ 9																					2														
8/ 7																					1														
TOTAL	19.5	48.0	22.4	7.0	2.0	.7	.4											702	702	702	702														
Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4386935	57877	82.4	12.820	702	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	962055	25503	36.3	7.122	702		23.9					84																							
Wet Bulb	852309	24075	34.3	6.167	702		30.5					84																							
Dew Point	711208	21872	31.2	6.514	702		47.4					84																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAFERISCH HALL AAF DL 69-79 FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	B. W.B., Dry Bulb	Wet Bulb	Dew Point															
60/ 59						.1				.1								1	1																
58/ 57						.1				.1								4	4																
56/ 55										.1								1	1																
54/ 53					.6	.6				.4								11	11																
52/ 51				.3	.4	.6												9	9																
50/ 49		.4	1.3	1.3	.7					.1								27	27	5															
48/ 47		.7	1.6	1.1	.3					.1	.1							28	28	14	1														
46/ 45	.4	1.7	1.9	1.1														36	36	29	6														
44/ 43	.1	3.3	3.1	.7	.3													53	53	39	14														
42/ 41		3.3	2.1	1.0	.1													46	46	51	17														
40/ 39	1.0	4.9	3.6	.6														70	70	62	65														
38/ 37		1.1	5.4	3.1	.7													73	73	78	48														
36/ 35	2.4	6.9	3.0															86	86	87	83														
34/ 33	3.1	7.4	2.6															92	92	111	98														
32/ 31	.9	4.9	.4															43	43	79	103														
30/ 29	.6	3.3	1.0															34	34	38	65														
28/ 27	3.1	3.0	.4	.4														49	49	48	71														
26/ 25	1.7	.7	.3															19	19	31	45														
24/ 23		.4	.1															4	4	7	34														
22/ 21		.1	.1															2	2	8	14														
20/ 19	.5	.3																6	6	5	7														
18/ 17	.3	.1																3	3	5	9														
16/ 15	.4																	2	3	3	5														
14/ 13																					7														
12/ 11																					5														
10/ 9																					3														
TOTAL	16.0	46.9	24.9	8.0	2.7	.9	.4	.3										700	700	700	700														
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	4744332	56886	81.3	13.181	700	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	1011050	26104	37.3	7.334	700		19.6					84																							
Wet Bulb	885050	24506	35.0	6.230	700		26.9					84																							
Dew Point	732641	22187	31.7	5.486	700		44.2					84																							

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

9477-34321

1

RY

00

Point
1
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4
4

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWAERISCH HALL AAF DL STATION NAME 9-70 YEARS FEB MONTH

PAGE 1 1800-2100 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															
54/ 53					.3													2	2																	
52/ 51				.2	.2													2	2																	
50/ 49			.2	.3														5	5																	
48/ 47		.2	1.2	.3														13	13																	
46/ 45	.3	1.2	1.2	.5														21	21	14	3															
44/ 43	.5	2.0	1.2	.3														24	24	25	10															
42/ 41	.6	5.5	4.0	.3	.3													66	66	28	19															
40/ 39	.2	5.9	1.2		.2													45	45	50	23															
38/ 37	2.5	7.4	1.7	.2														70	70	72	60															
36/ 35	2.3	7.4	1.2	.3														67	67	66	66															
34/ 33	7.4	8.6	1.0															101	101	119	83															
32/ 31	1.9	5.9	1.2															54	54	65	99															
30/ 29	1.7	4.4																36	36	50	54															
28/ 27	2.9	4.0																41	41	37	55															
26/ 25	2.2	1.5																22	22	29	33															
24/ 23	1.5	.5	.3															14	14	15	49															
22/ 21	.2	.2																2	2	4	20															
20/ 19	.7	.2																5	5	6	3															
18/ 17	.3																	2	2	3	3															
16/ 15	.7																	4	4	4	8															
14/ 13																					4															
12/ 11																					2															
TOTAL	26.0	54.7	14.9	3.4	1.0													596	596	596	596															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	4516100	51504	86.4	10.478	596	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	84																								
Dry Bulb	762426	20980	35.2	6.338	596		25.4					84																								
Wet Bulb	694610	20094	33.7	5.673	596		31.3					84																								
Dew Point	607642	18696	31.4	5.964	596		46.5					84																								

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

GLOBAL CLIMATE DIVISION
 USAFETAC
 AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWAERISC-HALL AAF DL 60-79 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
60/ 59									.1									2	2			
58/ 57						.0	.1	.0										4	4			
56/ 55					.0	.1	.0											6	6			
54/ 53					.2	.2	.2											20	20			
52/ 51			.1	.2	.2													21	21			
50/ 49		.3	.6	.6	.2			.0										58	58			
48/ 47	.0	.4	1.0	.5	.1		.0	.0										74	74	35	5	
46/ 45	.2	1.4	1.2	.8		.0	.1											128	128	49	22	
44/ 43	.3	2.2	1.6	.7	.1													171	171	146	52	
42/ 41	.5	3.3	1.8	.4	.1	.0												217	216	184	93	
40/ 39	.6	4.4	2.0	.2	.0													255	255	206	187	
38/ 37	2.5	5.3	1.7	.4														353	353	363	227	
36/ 35	3.1	6.9	1.9	.1														418	418	399	383	
34/ 33	3.0	6.6	1.2															449	450	554	428	
32/ 31	3.1	6.2	.6															355	355	414	513	
30/ 29	2.5	4.2	.5															263	263	335	377	
28/ 27	4.2	3.4	.3	.1														285	285	263	355	
26/ 25	2.3	1.6	.1	.0														142	142	191	250	
24/ 23	1.2	1.1	.1															85	85	92	204	
22/ 21	.5	.6																55	55	43	129	
20/ 19	1.4	.2																57	57	66	82	
18/ 17	.6	.2																28	28	35	61	
16/ 15	.7	.1																28	28	27	47	
14/ 13	.3	.1																21	21	21	48	
12/ 11	.2																	7	7	8	20	
10/ 9	.1																	2	2	2	19	
8/ 7																					2	
TOTAL	30.2	48.6	15.1	4.3	1.2	.3	.2	.1											3506		3504	
																			3504		3504	
Element (X)	Σx²	Σx	X̄	σx	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	26510866	302048	36.2	11.633	3506	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	4353972	120772	34.4	7.434	3506		254.5					672										
Wet Bulb	3950204	115372	32.9	6.576	3504		295.7					672										
Dew Point	3415471	106845	30.5	6.706	3504		404.1					672										

USAFETAC FORM JUN 71 0-76-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0677 94321

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWAERISCH HALL AAF DL STATION NAME 77 YEARS 184 MONTH

PAGE 1 2840-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30, ≥ 31	D.B., W.B., Dry Bulb	Wet Bulb, Dew Point			
44/ 43	3.2	4.8	1.6														6	5	2	2	
42/ 41	3.2																2	2	5	2	
40/ 39	3.2	3.2															4	4	7	5	
38/ 37	3.2	1.6															3	3	4	4	
36/ 35		8.1	3.2														7	7	6	1	
34/ 33		4.8															3	3	4	6	
32/ 31		1.6															1	1	2	2	
30/ 29		1.6															1	1	1	1	
28/ 27	21.0	9.7															19	19	16	12	
26/ 25		6.5															4	4	2	3	
24/ 23	1.6																1	1	5	2	
22/ 21	3.1	1.6															6	6	6	10	
20/ 19	1.6																1	1	1	2	
18/ 17	3.2																2	2	2	2	
16/ 15																				1	
14/ 13	1.6																1	1	1	1	
12/ 11	1.6																1	1	1	1	
TOTAL	51.6	43.5	4.8														62	62	62	62	

Element (X)	Σx²	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	531675	5725	92.3	7.055	62							
Dry Bulb	60362	1873	30.2	7.872	62		55.5					93
Wet Bulb	57612	1832	29.5	7.552	62		57.0					93
Dew Point	52911	1749	28.2	7.653	62		63.0					93

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

9477 94321

GLOBAL CLIMATOLOGY SPANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL

8-7

AK
MONTH

STATION

STATION NAME

YEARS

PAGE 1

0001-0000
HOURS (L. S. T.)

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														
54/ 53			.1	.1		.1												3	3																
52/ 51		.1	.4															4	4																
50/ 49		.1	.6	.2														5	5	2															
48/ 47		1.3	.6	.4														15	19	9	2														
46/ 45	.9	3.1	1.1	.2														43	43	27	18														
44/ 43	.5	3.3	1.6	.1	.1													44	46	39	25														
42/ 41	2.3	3.9	1.9	.2														65	65	62	58														
40/ 39	2.0	3.4	.7															50	50	57	36														
38/ 37	2.4	4.9	1.6															73	73	59	59														
36/ 35	3.7	7.3	.7															95	96	67	76														
34/ 33	3.9	6.6	.5	.1														91	91	114	84														
32/ 31	2.9	5.4	.2															70	70	32	86														
30/ 29	1.3	4.4		.1														52	52	59	94														
28/ 27	5.3	4.2		.2														79	79	76	73														
26/ 25	2.1	2.1	.2															36	36	33	61														
24/ 23	.9	1.6																15	15	27	32														
22/ 21	.5	.9																11	11	13	30														
20/ 19	1.5																	12	12	17	14														
18/ 17	1.6	.5																17	17	15	11														
16/ 15	1.2	.1																11	11	12	17														
14/ 13	.7																	6	6	7	15														
12/ 11	.6																	8	5	5	9														
10/ 9																					9														
8/ 7	.1	.2																3	3	2															
6/ 5	.1	.1																2	2	3	1														
4/ 3	.2																	2	2	2															
2/ 1																					2														
0/ -1																					4														
TOTAL	35.2	52.9	9.9	1.6	.1	.1												819	819	819	319														
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	6547285	72795	88.9	0.706	810	≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	998139	27783	33.9	2.248	810		36.5					93																							
Wet Bulb	928597	26835	32.8	7.766	810		41.7					93																							
Dew Point	828004	25272	30.9	8.213	810	.5	52.1					93																							

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

9477 14 321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWABERISCH HALL AAF DL

8-7

YEARS

MONTH

PAGE 1 1936-1100
 HOURS (L, S, T, J)

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														
66/ 65							.2											2		2															
64/ 63							.1											1		1															
62/ 61					.1	.2	.1											4		4															
60/ 59				.2	.6	.2	.5											13		13															
58/ 57				.2	.1	.1												4		4															
56/ 55			.1	.3	.1	.5												13		13															
54/ 53			.2	1.2	.6	.1												2		20		5													
52/ 51		.1	1.7	.4	.6	.1												24		24		13													
50/ 49		.7	1.3	1.2	.4													36		30		22													
48/ 47		1.2	1.3	1.6	.4													37		37		35													
46/ 45	.4	3.0	3.0	1.3	.2													65		66		40													
44/ 43	.6	3.2	2.4	.5	.2													58		53		61													
42/ 41	.5	3.0	1.6	.6														47		47		55													
40/ 39	1.6	2.8	3.3	.2	.4													69		69		67													
38/ 37	1.4	5.0	1.1	.5														67		67		73													
36/ 35	1.4	7.2	2.0	.6														94		94		88													
34/ 33	3.6	4.4	1.2	.2														79		79		113													
32/ 31	1.6	4.3	1.7	.1														64		64		62													
30/ 29	1.2	3.6	.6															45		45		65													
28/ 27	2.6	2.9	.5															50		50		56													
26/ 25	.5	.6	.1															10		10		23													
24/ 23	.2																	2		2		9													
22/ 21	.3	1.1																16		16		12													
20/ 19	.7																	6		6		10													
18/ 17	.4																	3		3		3													
16/ 15	.4	.2																5		5		4													
14/ 13	.1	.2																3		3		3													
12/ 11	.1	.1																2		2		2													
10/ 9	.2																	2		2		3													
8/ 7																						2													
6/ 5																						2													
4/ 3																						1													
TOTAL	16.3	43.7	22.1	9.7	3.9	1.3	1.0											836		836		836													
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	5622741	67555	80.8	2.937	826	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	93																							
Dry Bulb	1304945	32155	38.5	9.036	826			23.1				93																							
Wet Bulb	1133632	30108	36.0	7.685	826			28.0				93																							
Dew Point	941006	27292	32.6	7.741	826			44.2				93																							

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

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34974 SCHAEERISCH HALL AAF DL -7- YEARS MONTH

Page 1 12 -17.0
HOURS (L. S. T.)

Temp. (F)	W-T BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
76/ 75																		.2															7	2				
74/ 73																																			1			
72/ 71																			.1																3			
70/ 69										.1		.1							.2																5			
68/ 67										.4		.4							.4																15	15		
66/ 65										.2		.2																							1	1		
64/ 63									.1	.6		.9	1.1						.2															24	24			
62/ 61					.1	.1	.2	1.0	.6																									17	17			
60/ 59					.5	1.1	1.0	.1																										22	22	2		
58/ 57				.2	.9	1.0	.2																											19	19	7		
56/ 55				.2	1.7	.5	.5																											24	24			
54/ 53			.1	1.1	1.9	.6																												30	30	22		
52/ 51		.1	.2	1.6	.1	.4	.1																											21	21	27	5	
50/ 49		.2	2.2	2.3	2.5	.1	.2																											64	64	51	3	
48/ 47		1.5	1.5	1.6	1.3	.5	.1																											53	53	51	10	
46/ 45		1.2	2.4	3.8	1.3	1.2	.1																											63	63	57	23	
44/ 43	.2	1.0	2.8	1.2	.9	.4																												57	53	57	51	
42/ 41	.4	2.2	2.3	2.3	.5	.4																												66	58	58	47	
40/ 39	.1	3.4	2.1	1.1	.9	.1																												63	63	53	72	
38/ 37	1.0	2.8	3.3	.7	.2	.1																												67	67	7	71	
36/ 35	1.1	2.9	2.9	.5	.1																													62	62	30	103	
34/ 33	1.1	2.7	1.7	.9																														52	52	34	69	
32/ 31	.5	1.6	.9	.4																														27	27	47	99	
30/ 29	.1	1.2	.4																															14	14	5	46	
28/ 27	.4	.6	.1																															9	9	17	98	
26/ 25	.1	.6																																6	6		29	
24/ 23		.2																																2	2		23	
22/ 21		.4																																3	3	1	21	
20/ 19		.4																																3	3	5	18	
18/ 17		.2																																2	2	1	15	
16/ 15		.1																																1	1	2	10	
14/ 13																																					5	
12/ 11																																					4	
10/ 9																																					1	
Element (X):	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34276 SCHNEEFISCH HALL APR 51 1957
 STATION STATION NAME YEARS MONTH

PAGE 2 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
8/ 7	.0	.0																		3	3		3	
6/ 5	.0	.0																		2	2		4	
4/ 3	.0																			2	2		1	
2/ 1																							2	
0/ -1																							4	
TOTAL	15	336	370	532	202	700	308	205	100	20	10									4056	450		56	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	24752587	309099	76.2	17.180	4056	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	7014442	163474	40.3	10.253	4056		150.8	7.5				744												
Wet Bulb	5802125	49681	37.0	4.678	4056		200.1					744												
Dew Point	4556673	132187	32.6	7.830	4056		7.353.7					744												

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

0477 94321

GLOBAL CLIMATOLOGY PROJECT
 USAF/TAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34074 SCHWABERSON HALL F 1977
 STATION STATION YEARS MONTH

PAGE 1 10/1/1977
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57				1.6	1.0													2	2		
52/ 51			4.3															2	2		
50/ 49		3.3																2	2	3	
48/ 47		11.5																7	7	6	
46/ 45		6.6																4	4	4	13
44/ 43		8.2	3.3															7	7	4	4
42/ 41		3.3																2	2	5	3
40/ 39		3.3																2	2	4	5
38/ 37	0.6	5.3																5	6	6	6
36/ 35		8.2																5	5	7	1
34/ 33		9.5																6	5	1	6
32/ 31		9.5																6	5	11	1
30/ 29	3.3	4.9																5	5	5	9
28/ 27	6.6																	4	4	4	9
26/ 25																					2
TOTAL	16.4	72.1	3.2	1.6	1.0													51	61	61	61

Element (X)	Z _A	Z _X	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	482377	5413	88.7	2.275	61							
Dry Bulb	92746	2408	39.5	7.341	61		22.1					90
Wet Bulb	90648	2315	38.0	5.971	61		29.5					90
Dew Point	83256	2216	36.3	6.787	61		31.0					90

USAF/TAC FORM 0-26-3 (OI. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

0477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/40

PSYCHROMETRIC SUMMARY

34074 SCHWABERISCH HALL AAF LL

1977

YEARS

APR
 MONTH

PAGE 1 0600-0700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63					.1														1		
62/ 61					.1														1		
60/ 59					.1	.1												2	2		
58/ 57				.5	.3	.1	.1											2	5		
56/ 55		.1	.3	.4			.1											7	7		
54/ 53		.8	.3	.3	.1	.1												2	20	4	1
52/ 51		.9	1.4	.4	.3													24	26	12	3
50/ 49		1.1	1.4	.3														22	22	21	5
48/ 47	.6	3.3	1.6	.5	.1													49	49	53	21
46/ 45	1.3	4.3	2.6	.4	.1													71	71	49	76
44/ 43	.4	5.0	2.6	.4														67	67	57	33
42/ 41	.3	4.3	2.3	.4														62	62	53	42
40/ 39	1.3	5.8	2.5															78	78	69	73
38/ 37	2.8	5.5	1.1	.1														75	75	64	73
36/ 35	1.5	7.2	2.6	.5														94	94	85	77
34/ 33	2.1	5.7	1.1															74	74	95	94
32/ 31	2.1	3.5	.9															52	52	78	86
30/ 29	1.6	3.3	.1															40	40	56	68
28/ 27	3.1	1.6	.2															40	40	41	80
26/ 25	.6	.1																5	5	17	28
24/ 23	.1																	1	1	1	22
22/ 21																					13
20/ 19																					4
18/ 17																					2
TOTAL	17.8	52.1	23.6	4.5	1.3	.4	.3											796	796	796	796
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	581469	67446	34.7	11.322	796	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	1284952	31458	39.5	7.245	796		15.7					90									
Wet Bulb	1158012	29918	37.6	6.494	796		21.6					90									
Dew Point	1015987	27927	35.1	6.747	796		34.3					90									

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

0477-54021

1 GLOBAL CLIMATOLOGY BOARD
 USAFCTAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF LI

1-7-

YEARS

MONTH

PAGE 1 1970-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
75/ 75									.1	.1								2	2																
74/ 73									.1	.1								2	2																
72/ 71							.1	.1										2	2																
70/ 69						.1	.1	.1										3	3																
68/ 67						.1	.4	.1										7	7																
66/ 65						.1	.4	.1	.1	.1								9	9																
64/ 63					.1	.4	.1	.1	.1	.1								5	5																
62/ 61			.1		.5	.4	.4	.1	.1	.1								16	16	1															
60/ 59			.5	.6	1.3	.6	.8	.4	.1	.1								33	33	3															
58/ 57			.3	.8	1.1	1.1	.9	.1	.1	.1								28	28	8															
56/ 55			1.1	1.0	1.0	1.4	.1											37	37	9															
54/ 53		.1	1.3	1.1	1.3	.9												37	37	22	4														
52/ 51		.4	1.8	1.6	2.0	.4												49	49	37	7														
50/ 49		2.4	1.9	3.3	.9	.3	.1											70	70	42	13														
48/ 47	.5	2.0	1.8	2.5	.9	.1	.1											63	63	87	30														
46/ 45	.8	2.3	2.5	2.6	.8	.1												76	76	79	62														
44/ 43	.6	2.3	1.9	2.0	.8	.1												50	59	76	41														
42/ 41	.1	2.5	1.6	.9	.3													43	43	71	32														
40/ 39	.4	3.3	2.5	.6	.5													62	62	65	82														
38/ 37	.9	4.3	2.8	.9														70	70	72	77														
36/ 35	.5	4.2	2.9	.4														63	63	68	98														
34/ 33	.9	2.0	1.1															32	32	68	77														
32/ 31	.8	1.3	.1															17	17	45	89														
30/ 29	.3	.6																7	7	14	57														
28/ 27	.3	.1																3	3	3	55														
26/ 25																					24														
24/ 23																					11														
22/ 21																					8														
20/ 19																					2														
TOTAL	6	028.7	23.8	18.4	10.7	6.3	3.4	1.8	.6	.4								795	795	795	795														
Element (X)	Σx²	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4297680	56924	71.6	6.713	795	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	1749550	36620	46.1	6.888	795		3.1	1.4	.5			90																							
Wet Bulb	1414911	33109	41.6	6.737	795		6.6					90																							
Dew Point	1100380	29080	36.6	6.796	795		27.8					90																							

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

9477 96121

GLOBAL CLIMATE DATA SERVICE
 USAFETAC
 AIR WEATHER SERVICE/NAO

PSYCHROMETRIC SUMMARY

34074 STATION SCHWAERISCH HALL AAF 0L MONTH APR YEARS 1260-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point													
82/ 81										.1	.1	.1								3	3														
80/ 79											.1										1	1													
78/ 77									.3	.3										4	4														
75/ 75									.3	.1										3	3														
74/ 73									.1	.3										3	3														
72/ 71									.1	.6	.4									0	9														
70/ 69									.4	.3	.1	.3								2	3														
68/ 67							.1	.9	.3	.5	.3									24	24														
66/ 65						.3	.8	.6	1.8	.4										30	30														
64/ 63					.1	.5	1.3	.6	.4											23	23	1													
62/ 61				.5	1.0	1.3	.8	.3												30	30	4													
60/ 59		.1	.5	1.0	1.4	2.4	.3													30	50	5													
56/ 57	.1	.5	.3	.8	2.1	.6	.1													37	37	5													
56/ 55	.1	.5	.5	1.3	2.3	.4														44	44	22													
54/ 53	.3	1.1	1.3	1.6	1.6	.1	.1													40	49	43	3												
52/ 51	.3	1.6	.5	1.6	.5	.3														40	40	47	6												
50/ 49	1.4	1.2	.6	1.1	.6	.1														43	43	75	6												
48/ 47	.3	1.5	1.1	1.2	1.1	1.5														59	59	97	30												
46/ 45	2.4	2.5	1.6	2.1	1.1	.1														79	79	59	71												
44/ 43	1.4	1.5	1.1	.3	.1	.1														43	42	46	53												
42/ 41	2.1	2.3	1.5	.3	.1	.1														51	51	62	47												
40/ 39	.1	2.6	3.1	1.3	.5															61	61	61	64												
38/ 37	.9	2.3	2.1	.5																46	46	83	92												
36/ 35	.1	2.5	1.6	.1																35	35	64	97												
34/ 33	.5	.6																		9	9	50	74												
32/ 31	.3	.8																		8	6	27	76												
30/ 29		.3																		2	2	2	53												
28/ 27																							61												
26/ 25																							31												
24/ 23																							14												
22/ 21																							7												
20/ 19																							4												
18/ 17																							2												
14/ 13																							1												
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature																												
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34074 SCHWABERSCHE HALL AAF BI R-7. APR 70

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					1
TOTAL	1.6	15.5	16.2	3.7	12.9	12.5	9.0	6.0	3.9	.8	1.6	.9						794	793	793	
																		793	793		
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3043500	46576	58.7	19.717	793	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	2215331	41023	51.8	10.569	794		.7	10.3	2.0	.7		90									
Wet Bulb	1588412	35072	44.2	6.861	793		1.7					90									
Dew Point	1072960	28638	36.1	7.084	793		28.3					90									

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

9477-10381

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

34074 SCHWAFERSCHE HALL AAF DL 2-78 APR
 STATION STATION NAME YEARS MONTH

PAGE 1 18 JUN-21 00
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																		
82/ 81																																		2	2			
78/ 77																																		1	1			
72/ 71																																		6	6			
70/ 69																																		2	2			
68/ 67																																		16	16			
66/ 65																																		17	17			
64/ 63																																		21	21	1		
62/ 61																																		25	25			
60/ 59																																		42	42	3		
58/ 57																																		12	12	3		
56/ 55																																		39	39	17		
54/ 53																																		56	56	18		
52/ 51																																		40	40	51	2	
50/ 49																																		42	42	57	13	
46/ 47																																		34	34	53	20	
46/ 45																																		57	57	61	49	
44/ 43																																		66	66	63	40	
42/ 41																																		48	48	57	56	
40/ 39																																		45	45	58	80	
38/ 37																																		39	39	61	70	
36/ 35																																		24	24	46	77	
34/ 33																																		19	19	55	49	
32/ 31																																		11	11	28	76	
30/ 29																																		2	2	5	48	
28/ 27																																					54	
25/ 25																																					16	
24/ 23																																					12	
22/ 21																																					5	
20/ 19																																					3	
18/ 17																																					1	
TOTAL	3.0	21.6	19.3	16.2	14.1	11.2	6.6	4.6	1.3	1.6	.1																							667	667	667	557	
Element (X)	Zx'	Zx	R	*x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.	2994841	43051	64.5	18.015	667	± 0 F	± 32 F	± 57 F	± 73 F	± 89 F	± 93 F	Total																										
Dry Bulb	1655616	32604	68.9	9.639	667		1.8	3.6	.4	.3		30																										
Wet Bulb	1257025	28617	52.9	6.626	667		4.5					96																										
Dew Point	905819	24191	36.3	6.536	667		28.5					90																										

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

9477-34321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34074 SCHAEFERISCH WALL AAF GI 71, 77-78 STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
68/ 67							1.2											1	1					
66/ 63						2.4												2	2					
62/ 61				1.2	1.2													2	2					
60/ 59					2.4	4.9												6	6					
58/ 57					2.4	1.2												3	3					
56/ 55				1.2	2.4	2.4												5	5	1				
54/ 53			2.4	2.4	1.2													5	5	2				
52/ 51	1.2	4.9	6.1	2.4														12	12	5	1			
50/ 49		2.4	2.4	2.4														6	6	1				
48/ 47	2.4	1.2	2.4															5	5	1	3			
46/ 45		1.2	6.1	3.7														9	9	12	4			
44/ 43	3.7	1.2	1.2	1.2														6	6	4	12			
42/ 41	2.4	3.7	1.2															6	6	1	7			
40/ 39	6.1	3.7																5	8	5	9			
38/ 37	2.4																	2	2	13	15			
36/ 35	2.4	2.4																4	4	4	12			
34/ 33																				1	5			
32/ 31																				2	7			
30/ 29																					4			
26/ 25																					3			
24/ 23																					2			
TOTAL	20.7	23.2	24.4	9.5	6.5	2.4	1.2											62	82	32	82			
Element (K)	Σx ²	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	387083	5511	67.2	4.360	82	≤ 60 F	≤ 52 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	198660	3990	48.7	7.464	82			1.1				90												
Wet Bulb	157325	3563	43.5	5.565	82		2.2					90												
Dew Point	118985	3087	37.6	5.849	82		17.6					90												

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

GLOBAL CLIMATOLOGY BRANCH
 USAF-TAC
 AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

34074 SCHWAEBISCH HALL AAF DL
 STATION STATION NAME

1971
 YEARS

APR
 MONTH

PAGE 2

APR
 MONTH

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
14/ 13																						1	
12/ 11																						3	
TOTAL	0.3	26.1	20.0	12.9	10.3	8.9	5.2	3.6	2.0	1.5	.5	.2	.0									3988	
																							3988
Element (X)	ΣX^2	ΣX	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	20812159	273753	68.6	9.568	3988	$\leq 6 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$												
Dry Bulb	9290859	188059	47.1	10.322	3988		37.9	34.3	7.0	2.2		720											
Wet Bulb	7206187	167107	41.9	7.118	3988			63.6				720											
Dew Point	5370097	143785	36.1	6.830	3988			224.2				720											

9477-542-1

USAFETAC FORM 0-26-3 (01/4) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34074 SCHWAEPFISCH HALL AAF JL

1975

14Y

PAGE 1 0600-0600
MOON (L. T. 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					
68/ 67					.1	.1												2	2						
66/ 65					.1													1	1						
64/ 63																		1	1						
62/ 61		.2	.6	.7	.6	.1											13	13	1						
60/ 59	.1	1.0	2.0	1.2	.5	.4											47	47	7						
58/ 57		.7	2.2	1.3	.4												39	39	15						
56/ 55		2.1	1.9	1.4	.2												45	45	34						
54/ 53	.7	3.1	3.2	2.5	.4	.1											81	91	62						
52/ 51	1.2	4.3	6.2	.5	.1												100	100	72						
50/ 49	.3	2.7	3.0	1.2	.1												62	62	96						
48/ 47	2.3	6.2	3.3	.6	.2												97	97	113						
46/ 45	2.7	9.2	2.8	.9													126	126	136						
44/ 43	1.1	6.1	2.0														74	74	110						
42/ 41	1.2	3.3	1.1														47	47	68						
40/ 39	1.0	2.5	.6														33	33	54						
38/ 37	.5	1.1	.1														14	14	29						
36/ 35	.7	.7	.1														13	13	24						
34/ 33	.5	.7	.1														11	11	11						
32/ 31	.1																1	1	4						
30/ 29		.1															1	1	2						
28/ 27																									
26/ 23																				3					
TOTAL	12.6	44.3	79.6	10.1	2.6	.7											808	808	808	608					
Element (X)	ΣX	ΣX^2	ΣX^3	ΣX^4	ΣX^5	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	5790807	57813	89.3	1.102	806	+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total													
Dry Bulb	1957619	39391	48.3	6.322	808		.2	.2				93													
Wet Bulb	1758250	37418	46.3	5.615	808		.7					93													
Dew Point	1585981	35481	43.9	5.879	808		2.6					93													

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

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34974 STATION SCHWABTSCHEWALL AAF DL STATION NAME P-7 YEARS MONTH AY 1966-1966 HOURS (L. S. T.)

PAGE 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																		
80/ 79									.1	.1																						2	2					
78/ 77									.1	.2																						2	3					
76/ 75									.2	.1																						3	3					
74/ 73									.1	.2																						3	3					
72/ 71						.1	.1	.4	.6	.7																						12	12					
70/ 69			.1			.1	.5	.9	.5	.2																						12	12					
68/ 67				.1	.7	1.6	.5	.6																								29	29					
66/ 65				.5	1.1	.7	.2	.1																								22	22	2				
64/ 63		.1	.4	1.1	1.9	1.9	2.5	.4																								69	69	4	1			
62/ 61		.4	1.0	1.1	2.0	1.5	.2																									55	55	11				
60/ 59		1.0	1.6	3.6	3.2	1.7																										90	90	32	2			
58/ 57		.2	1.4	2.7	1.7	1.7	.2																									65	65	68	15			
56/ 55		.7	2.1	2.8	1.2	.6		.1																								62	62	62	15			
54/ 53	.2	2.7	2.8	4.0	2.0	1.0																										104	104	38	23			
52/ 51	.4	.7	3.3	2.0	1.1		.1																									62	62	132	51			
50/ 49	.7	1.5	3.6	1.2	.6	.1																										63	63	55	91			
48/ 47	.7	1.9	2.0	.5	.2																												43	43	102	86		
46/ 45	1.0	2.5	1.0	1.1																													53	53	95	124		
44/ 43	.7	1.0	1.1	.4																													26	26	52	104		
42/ 41	.2	.6	.2																														9	9	25	81		
40/ 39	.1	.9	.1																														9	9	26	68		
38/ 37		.4	.4																														6	6	10	32		
36/ 35		.1																															1	1	4	35		
34/ 33																																		5	5	23		
32/ 31																																					10	
30/ 29																																					4	
28/ 27																																					3	
TOTAL	4.2	15.7	21.1	22.1	16.0	11.5	5.2	2.0	1.1	.1																							810	810		10		

Element (X)	Σx²	Σx	X̄	sₓ	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4035680	55764	68.8	5.590	810	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2562524	45134	55.7	7.658	810			8.2	1.3	.1		93
Wet Bulb	2056521	40563	50.1	5.593	810							93
Dew Point	1663215	36327	44.9	5.949	810		2.2					93

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

USAFTAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34074 SCHWAEFISCH HALL AAF DL 8-7-64
STATION STATION NAME YEARS MONTH DAY

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 85											.1							1	1																
84/ 83									.2	.1								4	4																
82/ 81									.2	.1								3	3																
80/ 79									.1	.1	.1							2	3																
78/ 77								.2	.2	.1								6	6																
75/ 75						.1		.4	.2	.5	.1							11	11																
74/ 73					.2		.5	.4	.2	.4								14	14																
72/ 71					.1	.5	1.2	1.7	1.2	.1								40	40																
70/ 69					.4	.5	2.1	1.2	.5									38	38																
69/ 67				.4	.6	1.6	2.5	2.0	.4	.1								61	61																
66/ 65				.4	1.1	2.0	2.7	1.1	.1									60	60	8															
64/ 63		.4	.5	.9	1.5	3.0	1.3	.9										70	70	8															
62/ 61			.6	1.0	1.0	1.7	1.5	.4										50	50	29	2														
60/ 59		.5	1.0	.7	3.7	1.9	1.2		.5									77	77	46	6														
58/ 57		.6	1.4	1.7	1.4	2.6	.4											65	65	74	9														
56/ 55		.7	1.6	1.7	1.6	1.0		.2										56	56	100	27														
54/ 53		1.6	1.1	4.0	1.1	.9	.4											73	73	94	37														
52/ 51		1.0	1.2	1.6	1.1	.2												42	42	112	54														
50/ 49	.1	.6	.7	1.2	.7													28	28	74	74														
48/ 47	.4	1.4	1.5	.4	.2													31	31	93	84														
46/ 45	.4	3.0	.6	.9	.7	.1												46	46	73	133														
44/ 43	.1	.7	.5	.1		.1												14	14	46	89														
42/ 41	.2	.6		.1														8	8	25	95														
40/ 39		.7	.2															6	6	13	70														
38/ 37			.1															1	1	10	61														
36/ 35																				4	24														
34/ 33																				1	11														
32/ 31																					11														
30/ 29																					7														
28/ 27																					2														
26/ 25																					0														
24/ 23																					1														
20/ 19																					1														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

0417-54321

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWABTSCHE HALL AAF DL 1970
 STATION STATION NAME YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B., W.B., Dry Bulb, Wet Bulb, Dew Point	TOTAL				
	0	1-2	3-4	5-6	7-8	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/ 85												.4						5	5		
84/ 83												.1						2	2		
82/ 81											.2		.2					5	5		
80/ 79								.2	.2	.4	.2	.1	.1					10	10		
78/ 77						.1	.1	.2	.1	.4	.6	.2						15	15		
76/ 75					.1			.7	.4	.7								16	16		
74/ 73							.1	1.4	1.2	.4	.1							26	26		
72/ 71					.2	.7	.9	1.1	.7									30	30		
70/ 69					.5	1.0	1.1	1.2	1.7									45	45		
68/ 67				.5	1.2	2.2	2.0	2.9	.7	.4								80	80	4	
66/ 65				.4	1.0	1.5	2.5	1.1	.6									57	57	6	
64/ 63		.1	.2	.9	1.2	1.7	2.2	1.2										62	62	15	1
62/ 61		.1	.4	1.1	1.2	1.5	.9		.1									43	43	30	1
60/ 59		.6	.6	2.1	2.6	2.4	1.0	.5	.1									80	80	62	5
58/ 57		.5	1.1	2.5	1.0	2.2	.9											66	66	84	14
56/ 55		.9	.9	1.4	1.5	2.2	.1											56	56	90	18
54/ 53	.1	1.0	1.4	3.3	.6	.4	.2											57	57	107	56
52/ 51		1.2	.9	.7	1.2	.2												35	35	100	50
50/ 49	.2	.9	1.5	.6														26	26	89	82
48/ 47	.4	2.1	.9			.1												30	30	80	86
46/ 45		3.0	.5	.2	.7	.1												37	37	61	130
44/ 43	.1	1.0			.1													10	10	45	100
42/ 41		.2	.2	.4														7	7	10	70
40/ 39		.6																5	5	0	72
38/ 37	.1																	1	1	11	56
36/ 35																				4	32
34/ 33																					7
32/ 31																					7
30/ 29																					6
28/ 27																					9
26/ 25																					1
24/ 23																					2
TOTAL	1.0	12.3	8.6	14.4	13.4	16.5	12.0	10.5	6.3	2.4	1.6	1.0	.1					807	807	807	607
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	3028236		47272		58.6		17.932		807		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	3045312		49014		60.7		9.225		807				27.1	9.2	1.8		93				
Wet Bulb	2224428		42104		52.2		5.864		807				.5				93				
Dew Point	1654444		36186		44.8		6.287		807			3.1					93				

USAFETAC FORM 0-26-3 (OL 4) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL

8-76

YEARS

DAY

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B.-W.B.	Dry Bulb	Wet Bulb, Dew Point															
85/85																	.2	1	1																
84/83												.2						1	1																
82/81										.2								1	1																
80/79							.2	.2										2	2																
78/77						.2	.2	.2		.5								5	5																
76/75					.2	.2	.2	.2	.2	.2	.2							7	7																
74/73				.2	.2	.5	.6	.3										12	12																
72/71				.5	.8	1.4	.8											23	23																
70/69			.5	.8	.8	.3	.3											17	17																
68/67			.9	1.8	1.5	1.5	.3											40	40																
66/65		.2	.5	1.1	1.5	2.7	.3	.3										43	43	7															
64/63		.3	1.1	.8	3.5	2.1	.5	.2										56	56	6															
62/61		.6	.6	1.5	2.3	1.8	.2											46	46	15	2														
60/59	.8	2.6	2.1	3.6	1.5	1.4	.5											82	82	35	2														
58/57	1.4	.6	1.8	2.1	2.6	.5												59	59	56	12														
56/55	.3	.8	1.8	2.0	1.1	.3												41	41	67	14														
54/53	.2	2.1	2.6	3.6	1.4	.2												66	66	86	44														
52/51	1.8	2.1	.3	1.4	.5													39	39	86	40														
50/49	.2	.9	1.7	.9	.6													28	28	91	61														
48/47	.3	2.1	1.4	.2	.2													27	27	31	60														
46/45	.3	2.6	1.2	.3	.5													32	32	45	107														
44/43		3.0		.2														21	21	51	94														
42/41	.2	1.1	.3															10	10	21	75														
40/39		.2																1	1	9	73														
38/37																				6	25														
36/35	.5		.2															4	4	3	28														
34/33																					10														
32/31																				1	9														
30/29																					5														
26/25																					3														
TOTAL	1.5	16.1	14.3	13.3	16.4	16.4	12.2	5.3	3.0	1.1	.3	.2						664	664	664	664														
Element (X)	Zx'	Zx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	2847865	41993	63.2	17.023	664	= 30 F	= 32 F	= 37 F	= 43 F	= 50 F	= 57 F	Total																							
Dry Bulb	2298206	38658	58.2	8.468	664		15.3	4.1	.4			53																							
Wet Bulb	1758807	33927	51.1	5.670	664			.1				93																							
Dew Point	1364412	29724	44.8	5.998	664		2.4					93																							

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

GLOBAL CLIMATOLOGY PROGRAM
 USAF/TAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34074 SCHAEERISCH HALL AAF DL

71, 77-78

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
72/ 71						1.2												1	1																	
70/ 69				1.2	1.2	1.2												3	3																	
68/ 67					2.4	2.4												4	4																	
66/ 65				1.2	1.2	1.2												3	3																	
64/ 63					3.6	1.2												4	4		1															
62/ 61		1.2	1.2	2.4	1.2	1.2												6	6		3															
60/ 59		3.6		1.2	3.6													7	7		6															
58/ 57			3.6	2.4	3.6	1.2	1.2											10	10		6															
56/ 55		2.4	2.4	1.2		1.2												6	6		7															
54/ 53	3.6	6.0	2.4	1.2	2.4													13	13		14															
52/ 51		3.6	3.6		1.2													7	7		13															
50/ 49	1.2	3.6	4.8	1.2														9	9		8															
48/ 47	1.2	2.4	1.2															4	4		13															
46/ 45		6.0																5	5		5															
44/ 43		1.2																1	1		8															
42/ 41			1.2															1	1		9															
40/ 39																					2															
38/ 37																					2															
36/ 35																					1															
25/ 25																					4															
TOTAL	6.0	29.8	19.0	13.1	20.2	9.5	2.4											84	84		84															
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	482001	6229	74.2	15.558	84	≤ 0 F	≤ 32 F	≈ 67 F	≈ 73 F	≈ 80 F	≈ 93 F	93																								
Dry Bulb	266674	4698	55.9	6.574	84			8.9				93																								
Wet Bulb	223997	4315	51.4	5.309	84							93																								
Dew Point	190847	3971	47.3	6.134	84			1.1				93																								

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

34074 SCHWAEBISCH HALL AAF 55-72 AY
 STATION NAME YEARS MONTH
 PAGE 1 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85											.1	.1						0	8		
84/ 83												.0	.0	.0				7	7		
82/ 81								.0			.1	.1	.0					2	9		
80/ 79									.1		.1	.1	.0	.0				17	17		
78/ 77						.0	.0	.1	.1	.2	.1	.1						29	29		
76/ 75					.0	.0	.0	.3	.1	.3	.0	.0						37	37		
74/ 73					.1	.0	.1	.4	.5	.2	.0							55	55		
72/ 71					.1	.4	.6	.9	.6	.0								106	106		
70/ 69			.0	.0	.3	.5	.9	.6	.5									122	122		
68/ 67				.2	.7	1.5	1.2	1.3	.3	.1								216	216	4	
66/ 65			.0	.3	.9	1.1	1.6	.5	.2									186	186	23	
64/ 63		.1	.2	.3	1.1	1.9	1.6	.6	.0									262	262	34	2
62/ 61		.2	.6	1.0	1.2	1.4	.8	.1	.0									213	213	69	5
60/ 59	.0	.8	1.6	1.9	2.7	1.5	.7	.2	.1									384	384	187	19
58/ 57		.7	1.4	2.0	1.3	1.3	.4											305	305	304	60
56/ 55		1.0	1.5	1.3	1.2	1.0	.1	.1										268	268	361	91
54/ 53	.3	2.2	2.2	3.4	1.1	.5	.1											396	396	451	205
52/ 51	.3	1.9	2.8	1.0	1.0	.1	.0											289	289	516	391
50/ 49	.4	1.5	2.1	1.0	.4	.0												220	220	452	383
48/ 47	.6	2.9	1.7	.4	.2	.0												246	246	491	401
46/ 45	1.0	4.5	1.2	.7	.4	.0												314	314	400	679
44/ 43	.6	2.4	.8	.1	.0	.0												159	159	331	497
42/ 41	.4	1.2	.4	.1														84	84	154	440
40/ 39	.3	1.0	.2															56	56	115	372
38/ 37	.1	.3	.1															22	22	67	218
36/ 35	.2	.3	.1															23	23	42	157
34/ 33	.1	.1	.0															11	11	18	89
32/ 31	.3																	1	1	5	51
30/ 29		.0																1	1	2	31
28/ 27																					26
26/ 25																					11
24/ 23																					4
20/ 19																					1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≈ 67 F	≈ 73 F	≈ 80 F	≈ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

STATION: 34074 SCHAEPISC-HALL AAF DL YEARS: 1972, 78 MONTH: 03

PAGE 1 03.0-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63		4.4		1.5														4	4		
62/ 61		1.5		1.5														2	2	3	
60/ 59	7.4	13.2	4.4															17	17	11	11
58/ 57	5.9	7.4																9	9	14	7
56/ 55	2.9	11.8	7.4															15	15	6	11
54/ 53		1.5	1.5															2	2	4	8
52/ 51		2.9	2.9															4	4	4	0
50/ 49	2.9	2.9																4	4	3	7
48/ 47		7.4																5	5	7	3
46/ 45		5.9																4	4	2	9
44/ 43																				3	4
42/ 41		2.9																2	2		
40/ 39																				2	2
TOTAL	18.1	61.6	16.2	2.9														69	68	59	68
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	560421	6155	90.5	7.021	AE	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90									
Dry Bulb	207090	3736	54.9	5.226	68							90									
Wet Bulb	195707	3671	53.4	5.215	68							90									
Dew Point	187422	3552	52.2	5.384	68							90									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34074 STATION SCHAEFER HALL AAF W. YEARS 5-7 MONTH 10

PAGE 1 600-0.00
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71							.2											2	2		
70/ 69				.4	.2	.5												6	9		
68/ 67			.2	.4	.4	.1												9	9		
66/ 65		.1	.7	.5	.4	.2	.2											12	18		
64/ 63		1.5	2.1	2.0	1.2	.4												52	56	12	3
62/ 61	.2	2.0	1.1	1.4	1.0													46	46	34	8
60/ 59	.7	5.4	4.7	2.8	.6													116	116	48	47
58/ 57	.9	4.1	3.3	1.0	.5													76	79	25	49
56/ 55	.9	5.3	3.2	.7														82	82	109	60
54/ 53	2.1	5.2	4.2	1.4														103	103	117	101
52/ 51	1.4	3.5	3.0	.2														65	65	102	90
50/ 49	1.0	4.3	1.4	.4														57	57	73	115
48/ 47	1.9	4.6	1.0	.4														65	65	82	90
46/ 45	2.3	4.1	.7	.2														60	60	66	99
44/ 43	1.2	1.4	.1	.5														26	26	50	71
42/ 41	.4	.6	.1															9	9	17	41
40/ 39	.1		.1															2	2	8	13
38/ 37	.2	.1																3	3	4	7
36/ 35	.1																	1	1	3	6
34/ 33																					5
32/ 31																					4
30/ 29																					1
TOTAL	13.3	42.3	26.0	12.2	4.3	1.2	.5											810	810	810	810
Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	5824554	58056	84.0	1.492	810	≥ 9 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2456439	46291	54.7	6.365	810			2.2				90									
Wet Bulb	2213540	42108	52.0	5.508	810							90									
Dew Point	2029091	40277	45.7	5.705	810							50									

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

9477-04-021

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHAEFISCH HALL AAF EL
 STATION STATION NAME

R-74

YEARS

JUL
 MONTH

PAGE 1

09.0-100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point				
84/ 83										.1	.2										2	3		
82/ 81								.1	.1												2	2		
80/ 79							.1	.1	.4	.5											6	9		
78/ 77							.5	.6													2	9		
76/ 75					.2	.5	1.1	.6	.2												27	22		
74/ 73					.1	.6	.9	.2	.1												16	16		
72/ 71				.2	1.5	1.2	1.5	1.3	.1												45	45		
70/ 69			.2	.4	2.6	2.8	.7	1.0													63	63		1
68/ 67			.4	2.1	4.4	1.5	1.6	.4	.2												87	37		4
66/ 65		.1	.5	2.1	2.0	1.7	1.6														65	55		10
64/ 63		1.1	1.5	2.3	1.4	1.6	.5														58	68		7
62/ 61		1.1	1.5	1.1	2.1	.6	.1														53	53		8
60/ 59		1.7	3.6	2.0	2.2	.6	.5														86	86		60
58/ 57		.1	1.0	1.7	2.1	1.1	.5														53	53		64
56/ 55	.5	1.5	2.0	1.2	.6	.1															48	48		69
54/ 53	.7	2.2	1.2	2.8	.1	.2															60	60		123
52/ 51	.1	2.6	1.6	.1	.6																41	41		84
50/ 49	1.3	2.1	1.4	.5	.2																42	42		96
48/ 47	.4	1.2	.1	.2																	16	16		78
46/ 45	.9	1.2	.4																		20	20		101
44/ 43		.1																			1	1		55
42/ 41																							5	29
40/ 39																								11
38/ 37																								12
36/ 35																								9
34/ 33																								2
TOTAL	3.7	16.1	16.1	17.3	19.3	12.2	9.1	3.5	1.9	.6	.2										309	309		309
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	3995825	55439		68.5	3.743	809	= 0 F	= 32 F	= 67 F	= 73 F	= 89 F	= 93 F												
Dry Bulb	3135089	49241		61.7	8.033	809			28.5	6.8	1.1		90											
Wet Bulb	2510082	44832		55.4	5.634	809			.6				90											
Dew Point	2091865	40867		50.5	5.829	809							90											

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWABERSON HALL AAF DL
 STATION STATION NAME

1977-78

YEARS

12
 MONTHS

PAGE 1 12:10-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
86/ 85																		5	5	
84/ 82								.1	.1	.5	.1	.5	.1					12	12	
82/ 81							.1	.5	.9	.4	.2							17	17	
80/ 79								.5	.9	.0								19	19	
78/ 77								1.2	1.7	1.6	.6							42	42	
76/ 75								1.5	2.0	1.9	.7	.2						51	51	
74/ 73						.1	1.5	1.6	.7	.6	.2							30	39	
72/ 71					.2	.7	1.2	1.2	1.4	.1	.2							42	42	
70/ 69				.4	1.4	3.2	2.0	.9										53	63	2
68/ 67			.1	1.0	2.5	2.5	1.4	1.5	.1									72	73	1
66/ 65			.7	1.0	1.1	.9	1.7	.2	.1									47	47	46
64/ 63		.7	1.2	2.4	2.0	2.1	.7	.4	.1									80	81	70
62/ 61		1.0	.5	1.0	1.4	.7	1.1											47	47	102
60/ 59	.1	.5	2.2	1.2	2.0	1.1	.6	.1										64	64	102
58/ 57	.2	.9	.6	2.3	1.6	.5	.1											51	51	97
56/ 55	.2	1.0	1.7	1.1	.9	.3												46	46	68
54/ 53	.2	1.2	1.2	.9	.6	.4												37	37	78
52/ 51	.1	1.0	1.9	.4														27	27	75
50/ 49		1.9	1.0															23	23	65
48/ 47	.5	1.0	.4															15	15	50
46/ 45	.4	.9	.2															12	12	34
44/ 43																				7
42/ 41																				
40/ 39																				37
38/ 37																				30
36/ 35																				11
34/ 33																				9
32/ 31																				2
TOTAL	1.9	10.0	11.9	12.1	14.2	16.2	13.8	9.9	5.3	3.3	.6	.5	.4					810	810	810
Element (X)	Z _X ¹	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X
Rel. Hum.	3248006	49428	61.0	6.927	810	≤ 50 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 83 F	≤ 93 F	Total								
Dry Bulb	3481665	52592	64.9	9.088	810			40.2	20.6	4.7		90								
Wet Bulb	2609466	45736	36.5	5.803	810			1.5				90								
Dew Point	20,0978	40568	50.1	6.005	810			.2				90								

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

8477-54121

GLOBAL CLIMATOLOGY BRANCH
 USAF-TAC
 AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34074 SCHRAERISCH HALL AAF JL

8-76

YEARS

100

PAGE 1 15.0-1700
HOURS IN ST. 1.1

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																
88/ 87										.5								5	0																
86/ 85								.2	.1	.4	.5	.1	.4					14	14																
84/ 83								.1	.2	.2	.2	.1						14	14																
82/ 81								.1	.7	.5	.4							44	44																
80/ 79						.1	.5	2.0	1.5	.5	.4							45	40																
78/ 77					.4	1.3	1.5	2.6	1.2	.4	.1							58	56																
76/ 75				.1	.7	1.2	1.4	2.0	.9	.1								46	46																
74/ 73				.4	1.9	2.1	1.4	.7	1.0	.1								57	57		4														
72/ 71				.2	2.0	1.9	1.7	1.1										58	58	17															
70/ 69		.4	.9	1.6	.2	1.5	1.5	.7	.1									56	56	49	1														
68/ 67		1.2	1.4	1.7	1.4	1.2	.6	.7										67	67	85	11														
66/ 65	.1	.6	1.4	1.0	1.4	.2	.5	.4										45	45	116	12														
64/ 63	.4	1.0	1.2	2.0	2.1	.6	1.7											73	73	105	47														
62/ 61	.7	1.9	1.4	.5	.4													39	39	64	66														
60/ 59	1.0	1.2	.7	.9	.1													32	32	62	62														
58/ 57	.1	1.0	1.5	.5	.1													29	29	70	111														
56/ 55	.2	1.4	1.7	.1	.1													29	29	63	81														
54/ 53	.1	1.7	1.1															24	24	57	98														
52/ 51	.2	1.0	.4															13	13	55	87														
50/ 49	.2	.7																8	8	18	99														
48/ 47	.1																	1	1	4	43														
46/ 45																					26														
44/ 43																					18														
42/ 41																					17														
40/ 39																					10														
38/ 37																					1														
36/ 35																																			
34/ 33																																			
TOTAL	1.5	10.9	13.2	10.3	11.7	10.9	13.3	13.0	8.5	3.1	2.2	.6	.1	.6				809	809	809	809														
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	3181406	48568	60.0	2.132	809	≤ 67 F	≤ 72 F	≤ 77 F	≤ 82 F	≤ 87 F	Total																								
Dry Bulb	3610146	53494	66.1	9.500	809			43.7	25.6	6.3	90																								
Wet Bulb	2664908	46216	57.1	5.750	809			2.3			90																								
Dew Point	2092223	40892	50.5	5.974	809						90																								

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

GLOBAL CLIMATE DATA
 USAF-TAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34074 SCHAEFFER HALL AFB TX 5-75
 STATION STATION NAME YEARS MONTH

Page 1 1-1-2-70
 FORM 0-26-3 (1)

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	A.B. W.B.	Wet Bulb Dew Point				
86/ 85											.2		.3	.2				4	4				
84/ 83								.2	.3	.2								7	7				
82/ 81								.4	.3	.3	.3							7	7				
80/ 79							.2	.3	.3	.3	.2							13	13				
78/ 77							.2	1.4	2.1	.3								27	27				
76/ 75					.2	.2	1.7	1.1	1.1	.2								32	32				
74/ 73			.3	.5	.4	1.4	2.0	.6										34	34				
72/ 71				.5	1.7	1.2	.9	.6	.2									37	37				
70/ 69			.3	1.4	1.4	1.2	.8											33	33				
68/ 67			.5	1.5	2.5	1.8	.9	1.2	.2									31	31				
66/ 65		.3	1.2	.3	.8	.3	1.1	.3										31	31				
64/ 63	.2	1.4	1.2	2.9	1.5	1.1	.8	.5										54	54				
62/ 61		1.7	1.4	1.4	1.1	1.1	.8											47	45				
60/ 59	.2	2.2	2.4	2.7	1.2	1.1	1.4											74	74				
58/ 57		2.0	1.5	.9	.5	.8												30	39				
56/ 55	.2	1.8	2.4	1.1	.7	.2												41	41				
54/ 53		2.2	2.2	2.2	.5													45	45				
52/ 51	.8	.8	1.5	.5	.5													24	24				
50/ 49		1.7	1.2	.3														21	21				
48/ 47		.8	.5															8	8				
46/ 45	.5	.3																5	5				
44/ 43	.2																	1	1				
42/ 41																							
40/ 39																							
38/ 37																							
36/ 35																							
34/ 33																							
TOTAL:	1.7	15.1	16.1	15.2	11.7	10.8	11.3	8.6	6.1	3.7	.6	.3	.3	.3				657	657				
Element (X)	Σx^2	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total											
Wet Bulb	2949955	42452	64.6	7.755	657	< 0 F	= 32 F	= 62 F	= 72 F	= 80 F	= 93 F	Total											
Dry Bulb	2731172	41972	63.9	5.715	657			35.1	17.1	3.6		50											
Wet Bulb	2102654	36990	56.3	5.531	657			1.6				90											
Dew Point	1705433	33265	50.8	5.947	657							90											

USAF-TAC FORM 0-26-3 (1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWAEBISCH HALL AAF JL STATION NAME 77-78 YEARS MONTH 10

PAGE 1 410-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb, Dew Point
74/ 73							1.1										1	1		
72/ 71							1.1										1	1		
70/ 69						1.1											1	1		
68/ 67				1.1	1.1												2	2		
66/ 65				2.3	1.1		1.1										4	4		
64/ 63			1.1	2.3		2.3											5	5	1	
62/ 61		1.1	1.1	1.1	1.1												4	4	2	
60/ 59		6.8	2.3	4.5	1.1	1.1											14	14		
58/ 57	1.1	5.7	3.4	2.3													11	11	14	5
56/ 55	1.1	5.7	6.8		1.1	1.1											14	14	1	14
54/ 53	2.3	2.3	4.5	1.1		1.1											10	10	14	15
52/ 51		6.8	3.4														9	9	12	9
50/ 49		4.5	3.4														7	7	13	11
48/ 47	1.1	2.3	1.1														4	4	3	12
46/ 45		1.1															1	1	5	12
44/ 43																			1	3
42/ 41																				4
40/ 39																				1
38/ 37																				1
34/ 33																				1
TOTAL	5.7	36.4	27.3	14.8	5.7	6.2	3.4										38	88	68	85
Element (X)	$\sum x^2$				$\sum x$	\bar{x}	s_x		No. Obs.											
Ref. Hum.	562995				6937	78.8	13.628		88		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total	
Dry Bulb	287322				5004	56.9	5.649		88				5.1	1.0						90
Wet Bulb	249885				4672	53.1	4.470		88											90
Dew Point	222056				4398	50.0	5.092		88											90

9477-54021
 USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY SPAC
 USAFETAL
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34074 SCHAEFISCH HALL AAF STATION NAME YEARS MONTH

Page 1 3-1-60
 HOURS (L. S. T.)

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														
66/ 65			3.2															2	2																
64/ 63		4.8			1.6													4	4																
62/ 61		1.6																1	1	4	2														
60/ 59	6.4	4.8	6.5			1.6												12	12	5	7														
58/ 57		3.2																2	2	4	3														
56/ 55		8.1	6.5															6	6		1														
54/ 53	6.1	9.7	3.2	1.6														14	14	12	14														
52/ 51		6.5																4	4	1	7														
50/ 49		4.8	1.6															4	4	7	3														
48/ 47		6.5																4	4	4	5														
46/ 45		8.1																5	5	2	6														
44/ 43		1.6																1	1	6	5														
42/ 41																				1	1														
40/ 39																					1														
TOTAL	14.5	59.7	21.0	1.6	1.6	1.6												62	62	62	62														
Element (X)	Σ X ²		Σ X		X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total																					
Rel. Hum.	490024		5466		38.5	8.685	62	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																					
Dry Bulb	187439		3293		54.7	5.363	62							93																					
Wet Bulb	174387		3272		52.8	5.128	62							93																					
Dew Point	165302		3164		51.4	5.423	62							93																					

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

9477 94121

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

34974 SCHAEFELISCH HALL AAF DL 8-75 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 1975
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
74/ 73					.1		.1											2		2																
72/ 71			.1	.1	.4		.1											4		6																
70/ 69			.8	1.0	.4	.1	.3											27		20																
68/ 67			2.4	1.4	.5		.3	.1										37		37																
66/ 65		.4	3.7	1.5	.8	.4												53		53	1	2														
64/ 63	.1	4.2	2.3	2.5	.8	.1	.4											62		82		21														
62/ 61	.3	4.6	2.0	1.8	.8	.3												76		76	7	44														
60/ 59	1.5	4.9	4.2	1.5	.5	.1												101		121	1	100														
58/ 57	.6	4.3	1.8	.6	.1		.1											51		61	3	52														
56/ 55	1.3	5.4	3.2	1.1	.1													89		88	1	73														
54/ 53	1.5	7.7	4.3	.5														111		111	134	136														
52/ 51	1.4	5.6	2.3															73		73	110	105														
50/ 49	.5	3.8	.5															39		38	87	90														
48/ 47	.2	1.9	.4															24		24	42	76														
46/ 45	.9	1.0		.1														14		14	20	77														
44/ 43	.4																	3		3	7	23														
42/ 41	.3																	2		2	2	9														
40/ 39																					1	1														
36/ 35																						1														
34/ 33																						1														
TOTAL	9.4	43.7	27.6	12.3	4.4	1.0	1.3	.1										791		791		791														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	5663993	66349	83.9	1.174	791	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	2579949	45797	57.9	5.997	791			7.6	.2			93																								
Wet Bulb	2417582	43540	55.0	5.150	791			.2				93																								
Dew Point	2232382	41808	52.9	5.353	791							93																								

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AAC

PSYCHROMETRIC SUMMARY

34074 SCHWABERISCH HALL AAF DL -R-7- JUL 1966
STATION STATION NAME YEARS MONTH

PAGE 1 34-1.00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/85							.1	.2	.1									4	4																
84/83							.1	.1	.1	.1								4	4																
82/81						.5	.5		.5	.1						.1		15	15																
80/79						.6	1.1		.1									16	16																
78/77					.5	1.3	1.0	.4		.4	.1							34	34																
76/75				.1	.5	2.0	1.8	.8	.4		.1	.1						44	44																
74/73			.5	.5	1.9	1.3	.6	.4										41	41																
72/71		.8	.3	1.1	2.6	2.3	.4											40	67	5															
70/69	.1	.9	1.8	1.8	2.6	.9												62	62	13															
68/67	.3	1.5	.6	5.0	2.9	.8												90	90	40	2														
66/65		.4	2.0	1.8	.9	1.1												51	51	5	17														
64/63	.1	1.9	1.9	2.3	1.6	.2												67	67	32	38														
62/61	.1	1.4	1.8	1.6	1.3	.4												52	52	111	43														
60/59	.1	2.4	2.7	3.3	1.5	.2												82	92	112	33														
58/57	.1	1.1	1.9	2.4	.5													48	48	66	78														
56/55	.4	2.3	1.9	2.0	.3													54	54	52	97														
54/53	.3	2.8	1.9	.8	.1													46	46	72	109														
52/51		1.0	1.4															19	19	59	83														
50/49		.4	.3															4	5	41	103														
48/47																				17	57														
46/45																					50														
44/43																					12														
42/41																					6														
40/39																					1														
36/35																					1														
34/33																					1														
TOTAL	1.1	13.9	19.1	17.3	15.6	15.8	9.8	4.0	1.1	1.3	.5	.3			.1			796	796	796	796														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	3859160	54156	58.0	14.822	796	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																								
Dry Bulb	3454752	52064	65.4	7.883	796			43.3	18.7	3.4		93																							
Wet Bulb	2750864	46678	58.6	5.336	796			6.8				93																							
Dew Point	2335779	42895	53.9	5.522	796			.2				93																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34074 SCHAEFFER HALL AAF 8-7. 1961
 STATION STATION NAME YEARS MONTH

PAGE 1 15 00-1 00
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	G	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91														.1	.1			2	2																
90/ 89										.1	.1	.2						4	4																
88/ 87								.2	.4	.1	.6	.4	.6					16	19																
86/ 85						.3	.9	.9	1.9	.9	.5	.1	.1					40	40																
84/ 83							.3	1.4	.6	1.0	.4	.1	.3					34	34																
82/ 81						.4	.5	.7	1.0	1.0	.6	.4						37	37																
80/ 79					.4	.3	.4	.5	1.1	2.0	.6	.4	.1					40	40																
78/ 77				.4	.3	.9	1.6	1.4	3.4	.9	.1							71	71																
76/ 75			.1	.3	.8	2.3	2.4	2.0	.6									67	67																
74/ 73			.1	.3	.8	1.1	1.1	.3										24	24																
72/ 71			.4	.4	1.3	1.5	1.5	.6	.1									47	47	11															
70/ 69		.1	.4	1.1	1.5	3.3	1.9											71	71	47	2														
68/ 67	.1	.3	.8	.5	2.8	2.3	1.6	.4										60	69	45	11														
66/ 65		.3	.9	.4	1.9	.9												38	38	7	14														
64/ 63		.1	.6	.8	1.8	1.3	.5											32	36	136	25														
62/ 61	.1	.4	1.1	1.1	1.9	.6												42	43	114	36														
60/ 59	.6	.9	2.1	2.0	3.1													7	70	108	77														
58/ 57	.1	.9	.4	1.3	.5	.4												24	26	62	37														
56/ 55		1.6	1.0	1.1														30	30	75	85														
54/ 53		.9	.9	.8														23	20	53	36														
52/ 51		.5	.3															6	6	01	87														
50/ 49																			22		107														
48/ 47																				3	66														
46/ 45																					77														
44/ 43																					23														
42/ 41																					4														
40/ 39																					7														
38/ 37																					1														
TOTAL	1.0	5.6	8.7	10.5	13.4	13.9	12.8	9.0	1.0	6.1	3.3	2.3	.6	1.1	.5			797	797	797	797														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	2787307	45180	56.7	16.240	797	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb	4042553	56261	70.6	9.447	797			61.4	39.6	18.2		93																							
Wet Bulb	2906950	47940	60.2	5.415	797			11.6	.7			93																							
Dew Point	2278633	42367	53.2	5.768	797			1.5				93																							

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

9477-104-01

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

34074 SCHWARZSICH HALL AAF DL 1970-71 PAGE 1 JUL 1970-2 10
STATION MONTH YEARS HOURS (L. S. T.)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
90/ 89											.2			.2	.2			3	3																
88/ 87											.2							3	3																
86/ 85								.2	.2	.5	.5	.5	.3	.3				16	16																
84/ 83							.2	.2	.3	.3	.2	.2						11	11																
82/ 81						.3	.5	.9	.9	.6	.5	.2	.2					27	27																
80/ 79						.2	.3	.3	1.2	.5	.2	.2	.2					23	23																
78/ 77						.9	2.1	1.4	2.0	.5		.2						46	46																
76/ 75				.2	.3	1.4	1.1	2.0	.6	.2								39	39																
74/ 73				.3	.5	.6	1.6	1.8	.9									39	39	1															
72/ 71			.2	.6	1.2	1.7	2.4	.9										45	45	4															
70/ 69		.3	.2	.3	2.1	2.9	1.2	.2										47	47	1															
68/ 67		.3	.9	2.1	3.5	3.2	1.2	.9										78	78	4	4														
66/ 65		.3	.9	2.7	2.1	1.5	.6	.2										55	55	43	6														
64/ 63		.3	.6	1.7	2.6	1.2												43	43	75	20														
62/ 61	.3	.6	1.7	1.2	1.5	.5												38	38	101	31														
60/ 59	.2	1.2	1.7	2.3	2.0													47	48	100	65														
58/ 57	.3	1.2	.9	1.7	.2													28	28	68	53														
56/ 55	.3	2.0	1.4	1.2	.3													32	32	63	73														
54/ 53	.2	1.5	.6	.5														19	19	50	97														
52/ 51	.3	.9	.6															13	13	47	88														
50/ 49		.2	.2															2	2	20	67														
48/ 47	.2	.2																2	2	8	53														
46/ 45																				1	55														
44/ 43																					14														
42/ 41																					2														
40/ 39																					1														
38/ 37																					2														
TOTAL	1.4	8.8	16.2	14.9	16.3	14.3	11.4	9.1	6.5	2.9	1.7	.9	.8	.6	.2			657	657	657															
																		657		657															
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	2635143	40175	61.1	16.494	657	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	3100491	44769	68.1	8.718	657			53.4	29.3	10.3		93																							
Wet Bulb	2324626	38952	59.3	5.128	657			8.5	.1			93																							
Dew Point	1875788	34930	53.2	5.340	657			.6				93																							

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHAERISCH HALL AAF DL 71,77-78 JUL
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83								1.1										1	1																
80/ 79							1.1											1	1																
76/ 75					2.3	2.3	1.1											5	5																
74/ 73						1.1												5	1																
72/ 71				2.3	2.3	2.3	2.3	2.3										10	10																
70/ 69			1.1	1.1	4.6	1.1												7	7																
68/ 67			1.1		4.6	1.1	2.3											4	6	5															
66/ 65			3.4	3.4	2.3	2.3												10	13	5	1														
64/ 63			2.3	6.9	3.4													11	11		3														
62/ 61		4.6		3.4														7	7	12	3														
60/ 59		1.1	3.4	2.3														6	6	14	11														
58/ 57		2.3	1.1	2.3	1.1													6	6	15	11														
56/ 55		3.4	1.1	1.1														5	5	12	7														
54/ 53		3.4	3.4															8	5	7	17														
52/ 51		1.1																1	1	6	13														
50/ 49																				3	12														
48/ 47																					8														
46/ 45																					1														
TOTAL		18.4	17.2	23.0	20.7	9.2	6.9	3.4	1.1									87	87		87														
Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	Z ₅	Z ₆	Z ₇	Z ₈	Z ₉	No. Obs.	Mean No. of Hours with Temperature					Total																			
Rel. Hum.	449057	6125	70.6	13.217						87	≤ 0 F	≥ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 93 F																			
Dry Bulb	364617	5601	64.4	6.844						87			35.3	8.6	2.1						93														
Wet Bulb	298472	5080	58.4	4.634						87			5.3								93														
Dew Point	257018	4712	54.2	4.590						87											93														

9477-64321
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC FORM JUN 71 0-26-3 (OL A)

GLOBAL CLIMATOLOGY PROGRAM
 USAFETAC
 AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

34074 SCHWAEPISCH HALL AAF DL 09-70 JUL
 STATION STATION NAME YEARS MONTHS

PAGE 1 All
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point																	
92/ 91																																	2	2			
90/ 89																																	12	12			
88/ 87																																	28	28			
86/ 85																																	77	77			
84/ 83																																	75	75			
82/ 81																																	122	122			
80/ 79																																	125	125			
78/ 77																																	214	214			
76/ 75																																	215	215			
74/ 73																																	138	138	9		
72/ 71																																	231	231	34		
70/ 69																																	256	256	35	2	
68/ 67																																	349	349	174	26	
66/ 65																																	254	254	261	55	
64/ 63																																	299	299	418	132	
62/ 61																																	262	262	532	198	
60/ 59																																	386	386	540	417	
58/ 57																																	220	220	438	303	
56/ 55																																	250	250	416	432	
54/ 53																																	237	237	364	593	
52/ 51																																	127	127	361	476	
50/ 49																																	52	52	218	487	
48/ 47																																	30	30	87	337	
46/ 45																																	19	19	24	363	
44/ 43																																	4	4	11	108	
42/ 41																																	2	2	3	36	
40/ 39																																				1	13
38/ 37																																				3	3
36/ 35																																				2	2
34/ 33																																				3	3
TOTAL	3.0	16.9	15.4	13.5	12.5	11.2	9.7	6.7	5.2	2.6	1.3	.9	.4	.4	.2																	3986	3986	3986			
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	18911394	264792	66.4	18.208	3986	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 89 F	≤ 93 F	Total																									
Dry Bulb	17684228	262799	65.9	9.475	3986			344.2	188.1	70.9		764																									
Wet Bulb	13734207	232893	58.4	5.641	3986			58.2	1.7			764																									
Dew Point	11422464	212226	53.2	5.554	3986			5.2				764																									

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

9477-10-21

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34074 SCHWAEBISCH HALL AAF IL 6-7-60
 STATION STATION NAME YEAR MONTH

PAGE 1 1960-6-60
 FORM IL-5-7-1

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				
72/ 71				.2	.1													2	3						
70/ 69			.2	.4														5	5						
68/ 67			.7	1.1	.1	.1												17	17						
66/ 65		.4	2.2	.5	.2													27	27	5					
64/ 63	.5	3.9	2.1	1.0	.1													62	62	35	13				
62/ 61	1.3	5.5	2.6	.2	.4													70	79	1	34				
60/ 59	4.3	7.4	4.8	2.2	.5													157	157	113	124				
58/ 57	3.4	3.8	2.6	1.1	.1													91	90	11	91				
56/ 55	2.9	7.1	1.7	.4	.2													101	101	104	89				
54/ 53	3.3	6.7	3.8	.4	.1													105	105	122	109				
52/ 51	2.3	6.2	1.3	.1														82	82	97	101				
50/ 49	1.5	2.2	.7	.1														37	37	53	87				
48/ 47	1.8	1.0	.4		.1													27	27	49	80				
46/ 45	1.2	1.2																21	21	22	53				
44/ 43	.5	.2																6	6	14	19				
42/ 41																				2	13				
40/ 39	.1																	1	1	1	5				
38/ 37	.1																	1	1	1	2				
34/ 33																					1				
TOTAL	22.9	44.2	23.3	7.7	2.1	.1												821	821	821	621				
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	6459036	72370	88.1	9.860	821	≥ 6 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 83 F	≥ 93 F	Total													
Dry Bulb	2567418	46594	56.8	5.279	821			2.8				93													
Wet Bulb	2479871	44943	54.7	4.884	821							93													
Dew Point	2342058	43654	53.2	5.168	821							93													

USAF/TAC FORM 10-71 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34074 SCHWAEPISCH HALL AAF 02 8-75 1955
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85							.1										1	1			
84/ 83						.1	.1										2	2			
82/ 81							.4	.2									5	5			
80/ 79						.1	.6	.2									13	13			
78/ 77						.5	.7	.1									19	19			
76/ 75				.1	.5	1.3	.5	.3									23	23			
74/ 73			.1	.1	.5	1.1	.9	.2		.1							25	25			
72/ 71			.1	.6	1.9	1.6	1.6	.2									50	50	2		
70/ 69		.1	1.1	1.5	1.2	1.6	.7	.1	.2								53	53	9		
68/ 67			2.9	1.7	2.4	3.3	.7	.5									99	99	19	2	
66/ 65		.1	4.1	2.1	1.3	1.5	.2	.1									78	78	35	7	
64/ 63	.1	3.8	3.9	3.0	1.9	1.5	.1										118	118	78	33	
62/ 61	.5	2.3	1.7	1.3	2.6	1.0											81	81	122	52	
60/ 59	1.2	.4	3.9	2.3	.7	.1											97	97	132	135	
58/ 57	.6	2.3	1.3	.7	.2												47	47	129	83	
56/ 55	.4	2.3	1.5	.6	.1												43	43	92	95	
54/ 53	1.3	1.2	1.6	.4													38	38	96	112	
52/ 51	.3	1.3	.2														18	18	51	96	
50/ 49	.1	.4	.1														5	5	26	93	
48/ 47	.2	.2															4	4	7	52	
46/ 45		.2															2	2	2	39	
44/ 43																			2	14	
42/ 41																				9	
TOTAL	5.1	18.9	22.4	15.0	13.5	14.1	6.2	3.9	.9	.1								822	822	822	
Element (X)	Σx ²	Σx	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature			
Rel. Hum.	4524036	59626	72.5	15.565	822	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3411271	52659	64.1	6.788	822			32.9	10.1	1.5		93									
Wet Bulb	2825566	48040	58.4	4.679	822			3.4				93									
Dew Point	2455900	44730	54.4	5.161	822			.2				93									

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

GLOBAL CLIMATELOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHAEFERISCH HALL AAF DL R-75 MONTH YEARS

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

9477-54321

FORM 0-26-3 (01A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
90/ 89									.1	.1			.1					3	3																		
88/ 87									.1	.1	.1	.1						4	4																		
86/ 85									.1	.5	.2	.1	.1					9	9																		
84/ 83								.1	.5	.1	.1	.4						10	10																		
82/ 81						.1	.4	1.6	.6	1.0	.4							33	33																		
80/ 79						.1	.6	1.0	.7	.5	.4							27	27																		
79/ 77					.2	.6	1.9	2.1	1.1	.4	.4							34	54																		
76/ 75				.4	.2	2.1	1.2	2.6	.5	.4	.2							64	64																		
74/ 73				.1	1.0	1.0	2.4	2.1	.1	.3								59	59	1																	
72/ 71				.9	2.4	1.3	2.2	1.1	.6	.2								72	72	4																	
70/ 69			.5	1.9	1.7	2.7	1.5	.6	.1									74	74	16																	
68/ 67			1.1	1.6	1.9	2.8	1.7	.7										81	81	44	2																
66/ 65		.1	1.1	1.3	1.7	1.6	1.5											60	60	74	7																
64/ 63		2.1	1.8	2.0	1.7	1.3	.7											88	83	112	27																
62/ 61	.4	1.1	1.0	1.3	1.0	.2												41	41	133	63																
60/ 59	.9	1.8	2.2	1.7	.6	.5												64	64	124	119																
58/ 57	.1	.9	1.1	.5	.2	.1												24	24	102	70																
56/ 55		.7	1.1	.7														21	21	96	76																
54/ 53	.2	1.3	.7	.1														20	20	53	117																
52/ 51		1.2	.2															12	12	39	165																
50/ 49		.1	.1															?	2	20	78																
48/ 47																				4	64																
46/ 45																					48																
44/ 43																					27																
42/ 41																					14																
40/ 39																					4																
TOTAL	1.9	9.4	11.1	13.6	13.0	14.5	14.0	11.8	4.5	3.8	1.9	.6	.2					822	822	822	822																
Element (X)	ΣX ²	ΣX	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	3340261	50623	61.6	16.797	822	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	3912471	56339	68.5	7.836	822			55.4	29.2	8.3		93																									
Wet Bulb	2959576	49166	59.8	4.789	822			7.4	.1			93																									
Dew Point	2403201	44213	53.8	5.531	822			.7				93																									

GLOBAL CLIMATELOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34074 SCHWABERISCH HALL AAF LL A-75 AVG
 STATION STATION NAME YEARS MONTH

PAGE 1 15.6-1700
 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
96/ 95													.1					1	1		
94/ 93														.2				2	2		
92/ 91														.2				2	2		
90/ 89														.1				1	1		
88/ 87									.1	.4	.1	.2						7	7		
86/ 85							.4	.4	1.0	.1	1.0	.2						25	25		
84/ 83							.2	.7	1.0	.7	.5	.1						21	21		
82/ 81						.4	.4	1.3	.9	.4	.1							31	31		
80/ 79					.1	.1	2.3	1.7	.5	.5	.2							45	45		
78/ 77				.2	.5	2.2	1.6	1.8	.6	.6	.1							63	63		
76/ 75			.1	1.1	1.8	1.7	2.8	1.1	.6	.7	.1							81	81		
74/ 73			.1	.6	1.0	1.6	1.5	.7	.1	.1								47	47		
72/ 71			.4	1.5	1.6	2.2	1.5	.7	.2									62	62		
70/ 69			.4	1.5	2.1	2.2	2.0	1.3	.1									78	78	19	
68/ 67			1.0	1.5	1.5	2.8	1.7	.7										75	75	51	5
66/ 65		.2	1.0	1.5	1.2	1.6	.5											49	49	35	2
64/ 63		2.2	1.1	2.0	1.3	1.5	.1											67	67	12	31
62/ 61	.1	.7	1.1	2.0	.7	.4												41	41	132	40
60/ 59	.4	2.2	1.1	2.2	.9	.2												57	57	100	119
58/ 57	.5	.1	.9	.7	.1	.1												20	20	121	70
56/ 55	.1	.5	1.2	.5	.1													20	20	87	80
54/ 53		.9	.4	.4														13	13	92	108
52/ 51	.1	1.0																9	9	24	99
50/ 49		.4																3	3	20	103
48/ 47																				1	65
46/ 45																					51
44/ 43																					29
42/ 41																					11
40/ 39																					6
38/ 37																					1
TOTAL	1.2	8.2	8.0	12.7	11.3	13.8	12.8	12.0	8.9	4.8	3.3	1.8	.6	.6				820	820	820	820
Element (X)	Σx ²		Σx		X	Σx		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.	3029716		47740		58.2	17.482		820		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb	4064459		57455		70.1	8.470		820				51.4	37.0	12.6	.3	93					
Wet Bulb	2989008		49352		50.2	4.783		820				8.5	.2			93					
Dew Point	2367656		43824		53.4	5.583		820				.6				93					

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 4074 SCHWABERISCH HALL AAF 1 STATION NAME: SCHWABERISCH HALL AAF 1 YEARS: 19-71 MONTH: 1971
 PAGE 1 of 2
 HOURS: 2 S. Y.:

9477 54321

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91																		1	1																
88/ 87										.1								5	5	3															
85/ 85									.1	.4	.3	.3						5	5	5															
84/ 83							.1	.1	.3	.4		.1						5	5	5															
82/ 81								.4	.6	.6	.3	.4	.1					17	17																
80/ 79							.3	.3	.2	.6	.3							23	23																
78/ 77				.1	.3	.7	1.5	1.5	1.8		.1	.1						42	43																
76/ 75				.3	.7	1.5	1.5	1.8	.6	.3	.4							40	40																
74/ 73						1.9	1.2	.6	.6	.1								30	30	1															
72/ 71			.1	.4	2.0	1.5	2.3	.6	.7	.4								51	51	5															
70/ 69			.1	1.3	1.9	2.3	1.3	.6	.3									54	54	14															
68/ 67			1.5	1.7	3.0	2.6	.9	.7										79	79	24	3														
65/ 65		.6	1.2	1.5	1.3	1.9												44	44	45	6														
64/ 63		1.5	1.3	2.8	2.0	1.3												62	62	97	25														
62/ 61	.3	2.3	1.2	1.8	1.5	.4												51	51	93	36														
60/ 59		3.5	2.3	2.9	1.9													75	76	91	83														
58/ 57	.7	1.8	1.5	.7	.3													37	37	1,6	71														
56/ 55	.1	1.2	1.3	1.0	.1													26	26	30	81														
54/ 53		.6	1.2	.3														14	14	53	64														
52/ 51	.4	.6	.1															8	8	24	97														
50/ 49		.6																4	4	23	72														
48/ 47	.3																	2	2	4	51														
46/ 45																					38														
44/ 43																					22														
42/ 41																					5														
40/ 39																					8														
TOTAL	1.9	12.7	2.9	15.1	16.0	14.2	8.8	7.2	5.7	2.8	1.3	.7	.6	.1				683	683	683	683														
Element (X)	Σx²		Σx		X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																					
Rel. Hum.	3027750		43930		54.3	17.219	683	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																					
Dry Bulb	3125486		45870		57.2	8.112	683			48.9	23.8	6.8		93																					
Wet Bulb	2409682		40434		59.2	4.838	683			6.0	.1			93																					
Dew Point	1985414		36638		53.6	5.422	683			.4				93																					

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

GLOBAL CLIMATOLOGY SECTION
 USAFETAC
 AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34074 STATION SCHNAEBELSC HALL AAF LL 5-7 YEARS MONTH LL

PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
96/ 95																		1	1																
94/ 93																		2	2																
92/ 91																		3	3																
90/ 89																		4	4																
88/ 87																		1	15																
86/ 85																		42	43																
84/ 83																		41	41																
82/ 81																		87	87																
80/ 79																		137	108																
78/ 77																		179	179																
76/ 75																		216	216																
74/ 73																		162	162																
72/ 71																		245	243	14															
70/ 69																		272	272	14	59														
68/ 67																		351	350	135	12														
66/ 65																		270	270	254	25														
64/ 63																		406	406	448	131														
62/ 61																		303	303	565	226														
60/ 59																		471	471	584	101														
58/ 57																		227	227	520	404														
56/ 55																		220	229	426	443														
54/ 53																		203	203	371	550														
52/ 51																		142	142	266	518														
50/ 49																		61	61	128	448														
48/ 47																		42	42	74	333														
46/ 45																		27	27	24	232														
44/ 43																		7	7	18	114														
42/ 41																				3	53														
40/ 39																		1	1	1	23														
38/ 37																		1	1	1	3														
34/ 33																					1														
TOTAL	7.3	19.6	15.5	12.5	10.9	11.0	8.1	6.8	3.8	2.2	1.3	.6	.3	.1				4125	4125		4125														
Element (X)	Σx²		Σx		X̄		σx		No. Obs.		Mean No. of Hours with Temperature					Total																			
Rel. Hum.	21546540		287548		69.7		19.684		4125		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb	17754991		268179		65.0		8.834		4125				312.9	155.5	44.7	.5	744																		
Wet Bulb	14158802		240712		58.4		5.216		4125				39.0	.9			744																		
Dew Point	12012206		221498		53.7		5.361		4125				2.2				744																		

9477 5421

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

GLOBAL CLIMATE DATA
 USAFETAC
 AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34074 SCHAERFISCH HALL AFB TX YEARS MONTH

DATE 1 05 1966
 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														
62/ 51		1.7																2		2															
50/ 59		6.0	1.7															5		2		2													
55/ 57	3.4	3.4	1.7															1		1		5													
55/ 55	2.6	1.7																5		3		5													
54/ 53	4.3	7.7	1.7															15		13		6													
52/ 51	5.1	6.0																12		13		16													
50/ 49	4.3	4.3																10		11		15													
48/ 47	11.1	3.4																17		17		20													
46/ 45	11.1	5.1	1.7															21		21		22													
44/ 43	2.6	1.7																4		6		5													
42/ 41		1.7																2		2		2													
40/ 39	1.7	1.7																4		4		7													
38/ 37	1.7																	2		2		3													
36/ 35																						3													
TOTAL	47.9	44.4	7.7															117		117		117													
																						117		117		117									
Element (X)	Σ X ²	Σ X	̄ X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	1042100	11016	54.2	5.901	117	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	90																							
Dry Bulb	298582	5874	50.2	5.635	117							90																							
Wet Bulb	288015	5771	49.3	5.356	117							90																							
Dew Point	279585	5684	48.6	5.456	117							90																							

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

GLOBAL CLIMATOLOGY SPA CO.
 USAF-TAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34074 SCHWAEDISCHE HALL AAF DL 2-7-50 SEP
 STATION STATION NAME YEARS MONTH

PAGE 1 30.00-1.00
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
68/ 57					.1	.1												2	21				
66/ 65			.2	.5	.1	.3												3	9				
64/ 53		.7	.1	.7														11	11	1			
62/ 51		.7	.2	.5			.1											14	14		4		
60/ 59	.2	4.1	1.7	.4	.3	.1												57	57	24	16		
58/ 57	1.3	3.9	1.6	.1														52	53	50	29		
56/ 55	.9	4.9	1.1	.2														54	54	55	46		
54/ 53	4.1	6.4	1.5	.1														90	90	72	81		
52/ 51	1.5	6.0	.4															59	59	74	73		
50/ 49	3.3	5.3	1.2															75	76	65	76		
48/ 47	5.7	5.2	.7															87	37	53	103		
46/ 45	3.3	6.0	.5	.1														94	94	95	103		
44/ 43	3.1	4.9	.5															64	54	64	64		
42/ 41	2.4	2.1	.2															36	36	36	53		
40/ 39	1.3	1.5																21	21	23	41		
38/ 37	.2																	13	13	21	24		
36/ 35	.2	.4																5	5	6	16		
34/ 33	.4																	3	3	5	9		
32/ 31	.3	.1																3	3	3	3		
30/ 29																					1		
TOTAL	32.4	52.9	10.8	2.8	.5	.5	.1											751	751	751	751		
Element (X)	Σx²	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	6392420	68484	91.2	6.759	751	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	1927898	37730	50.2	6.568	751		.4	.2				90											
Wet Bulb	1822462	36718	48.9	6.027	751		.4					90											
Dew Point	1735421	35817	47.7	6.025	751		.5					90											

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

DA Form 1413

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL 3-70 1970
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb, Wet Bulb, Dew Point																			
84/ 83									.1																							1	1					
82/ 81																			.1														2	2				
80/ 79																																	1	1				
78/ 77																																	4	4				
76/ 75								.1											.4														4	4				
74/ 73								.1											.3														4	4				
72/ 71					.1		.4		.8		.1	.1																					12	12				
70/ 69			.1	.9	.7		.7																										15	15				
68/ 67		.1	.5	.8	1.9	1.5	.1																										37	37	4			
66/ 65			1.1	1.3	1.5	.5	.1																										34	34	7	1		
64/ 63		1.7	1.1	2.4	1.9	.7	.1																										59	59	29	6		
62/ 61	.3	1.5	2.2	2.4	.6	.2																											54	50	43	11		
60/ 59	.5	3.0	5.5	2.6	2.0	.6																											107	106	60	45		
58/ 57	1.1	3.4	3.0	2.0	.7																												77	77	94	44		
56/ 55	.3	2.6	2.9	2.0	1.1	.3																												65	58	94	51	
54/ 53	.4	3.4	6.0	2.1	.3																													92	92	66	94	
52/ 51	.3	2.5	2.5	.7																														45	45	95	86	
50/ 49	.5	4.0	2.2	.8																														57	57	68	104	
48/ 47	.4	2.4	2.2																															38	38	66	85	
46/ 45	.4	2.0	.3	.1																														21	21	42	85	
44/ 43		.9	.3																															9	9	50	47	
42/ 41		.5	.1																															5	5	8	33	
40/ 39	.1	.1																																2	2	8	30	
38/ 37		.1																																1	1	1	12	
36/ 35	.1																																		1	1	1	8
TOTAL	4.4	28.4	29.8	18.3	11.2	5.6	1.5	.5	.3	.1																								756	756	756		
Element (X)	ΣX²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	4609732	58226	77.07	2.880	756	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																										
Dry Bulb	2535814	43452	57.5	7.128	756			9.9	1.9	.4		90																										
Wet Bulb	2176181	40333	53.4	5.684	756			.5				90																										
Dew Point	1912651	37767	50.0	5.863	756							90																										

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

34074 SCHAEFELT HALL AAF DL

1-7

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

12, 1-1-00
HOURS G. S. T. I.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
58/ 57									.1																	1	1								
56/ 55													.1	.1												2	2								
54/ 53									.1	.3			.1	.1											5	5									
52/ 51								.1	.4	.1															5	5									
50/ 49							.3	.7	.3																7	7									
48/ 47						.3	.7	.7	.4																15	15									
46/ 45					.4	.5	.7	1.2	.3																23	23									
44/ 43				.1	.5	.9	.4	.7																	20	20									
42/ 41			.1	.3	1.5	1.5	1.7	.9	.1																44	44	1								
40/ 39			.3	1.6	2.2	2.0	.5	.1																	51	51	2								
38/ 37			.1	.9	3.0	1.6	1.1	.4																	54	54	15								
36/ 35		.1	1.2	1.5	1.9	2.1	2.1	.5																	71	71	30	1							
34/ 33	.1	.3	.9	3.7	2.9	1.1	1.7	.1																	82	82	43	13							
32/ 31	.3	1.1	1.7	2.0	2.0	.1																			58	58	61	17							
30/ 29	.8	2.6	4.4	2.8	1.9	.7																			99	99	92	45							
28/ 27	.5	1.3	1.5	1.3	.3	.4																			40	40	99	46							
26/ 25	.7	1.2	1.7	2.6	1.2	.3																			60	60	53	76							
24/ 23	.1	.5	2.4	2.2	.7	.1																			46	46	100	81							
22/ 21		1.1	1.2	1.2	.3																				28	28	74	74							
20/ 19		.3	1.2	.7		.1																			19	19	51	52							
18/ 17		.6	.5	.5																					14	14	41	71							
16/ 15	.1	.3	.4																						6	6	32	87							
14/ 13		.1																							1	1	9	63							
12/ 11		.1	.1																						2	2	7	33							
10/ 9																												1	26						
8/ 7																													17						
6/ 5																													10						
4/ 3																													1						
2/ 1																													1						
TOTAL	1.4	7.9	15.1	21.4	19.9	15.2	11.5	6.3	1.5	.1	.3	.1														756	756	756							

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3312426	48852	64.6	14.359	756	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3021117	47412	52.7	7.939	756			27.4	9.4	2.1		90
Wet Bulb	2360661	42017	55.6	5.805	756			2.3				90
Dew Point	1917156	37768	50.0	4.341	756	.1						90

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

GLOBAL CLIMATELOGY PROGRAM
 USAFETAC
 AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34074 STATION SCHAEFER ISC HALL AAF 6-7 YEARS 1500-1700 MONTH SEP

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

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																			
88/ 87										.1																									2	2				
86/ 85										.1																												6		
84/ 83										.3																												5		
82/ 81										.5																												7	7	
80/ 79										.7																												9		
78/ 77								.3	1.3	.9																											27	27		
76/ 75						.3	.1	1.2	1.5	.9																											32	32		
74/ 73						.9	.3	.7	.7	.1																											20	20		
72/ 71				.3	1.2	1.6	1.2	1.5	.3																												43	46	1	
70/ 69			.1	.1	2.2	1.7	1.2	.5																													43	45	3	
68/ 67			.8	1.6	2.0	2.4	2.3	1.5	.4																												84	86	17	
66/ 65			.4	1.5	1.8	2.2	1.8	.7	.3																												56	56	42	
64/ 63		.5	1.7	2.6	2.5	1.9	1.1	.7																													57	52	33	
62/ 61		.4	1.5	1.6	1.7	.3	.7	.1																													47	47	72	
60/ 59	.1	1.1	1.3	3.0	3.0	.7	.3	.1																													77	77	36	
58/ 57	.7	1.5	.5	.9	1.5	.4	.3	.1																													43	43	36	
56/ 55	.1	.9	1.5	3.0	.8																																47	47	57	
54/ 53	.1	1.7	1.2	1.7	1.2	.1																															46	49	39	
52/ 51		.3	1.9	.9	.4																																26	26	58	
50/ 49		.4	1.1	.5																																	15	15	57	
48/ 47		.5	.4	.3																																	9	9	39	
46/ 45		.9	.1	.1																																	9	9	29	
44/ 43																																						0	0	47
42/ 41																																						2	2	41
40/ 39																																						1	1	35
38/ 37																																								11
36/ 35																																							4	
34/ 33																																							3	
32/ 31																																							1	
TOTAL	1.1	8.5	12.7	19.0	20.1	12.2	1.2	.2	4.0	.8	.1	.1																									743	743	743	
Element (X)	Z _x ²	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																													
Rel. Hum.	3088608	46534	62.8	4.760	743	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																												
Dry Bulb	3085486	47460	63.9	6.320	743			14.6	13.2	2.9		90																												
Wet Bulb	2369455	41731	56.2	5.875	743			3.3				90																												
Dew Point	1902449	37297	50.2	4.382	743							90																												

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

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34074 SCHAEFERS HALL AFB TX

1-7

SEP

STATIC

STATION NAME

YEARS

MONTH

Page 1

1950-2000
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 65									.2	.2		.2						1	1																
84/ 63									.2	.2								2	2																
82/ 61							.2	.2										1	1																
80/ 79						.2	.2	.3	.2									5	5																
78/ 77					.2	.2	1.2	.2	.3									12	12																
76/ 75					.2	.2	.3	.2	.2									6	6																
74/ 73				.2	1.3	.3												11	11																
72/ 71		.2	.5	.7	1.2	.3												18	18	1															
70/ 69		.7	.8	1.5	.3	.3												25	25	2															
68/ 67		.7	1.3	3.2	2.0	.2												44	44	9	1														
66/ 65		1.0	1.7	2.7	1.8	1.0	.7	.3										45	48	19	4														
64/ 63		1.0	1.7	4.5	1.3	1.3	.2											61	61	25	7														
62/ 61		1.6	1.7	2.0	1.7	.7	.2											40	49	57	10														
60/ 59		2.3	2.4	3.3	1.3	.3	.5											73	73	65	49														
58/ 57	.3	1.3	1.7	3.4	.3	.2												47	47	53	53														
56/ 55	.7	1.3	1.7	2.6	.5	.2												39	39	61	66														
54/ 53	.5	1.5	2.0	1.3	.5													43	43	55	65														
52/ 51	.2	3.2	2.0	1.7														44	44	35	52														
50/ 49	.2	1.6	1.0	.3														26	26	37	62														
48/ 47	.2	1.3	.7															13	13	48	66														
46/ 45	.3	1.7	.2															13	13	34	60														
44/ 43	.3	1.0	.2															9	9	13	36														
42/ 41		.3	.2															3	3	4	39														
40/ 39																				6	20														
38/ 37																					6														
36/ 35																					1														
TOTAL	3.2	16.4	22.4	75.1	13.6	9.2	5.5	1.3	.8	.2	.2							597	597	597	597														
Element (X)	Σx²	Σx	R	%x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	3242130	43186	72.3	14.078	597	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	2209304	36002	60.3	8.067	597			19.1	6.0	1.1		90																							
Wet Bulb	1824082	32821	55.0	6.024	597			1.8				90																							
Dew Point	1564759	30343	50.8	6.151	597			.2				90																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

34074 SCHAEFELSC HALL AAF AL 7-7 6-7
 STATION STATION NAME YEARS MONTH

PAGE 1 210-200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69			4.3															1	1																
68/ 67				4.3														1	1																
66/ 65		4.3			4.3													2	2																
64/ 63				4.3														1	1	1	2														
62/ 61																				1															
60/ 59		6.7																2	2																
58/ 57	4.3	21.7																4	5	7	2														
56/ 55			4.3															1	1	2	6														
54/ 53	4.3	4.3																7	2	1	4														
52/ 51		6.7	6.7															4	4	2															
50/ 49			4.3															1	1	2	2														
48/ 47																				2	2														
46/ 45																				1															
44/ 43		4.3	4.3															2	2	1	2														
42/ 41																				1	1														
38/ 37																					1														
TOTAL	8.7	52.2	26.1	8.7	4.3													23	23	23	23														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	168661	1959	85.2	9.059	23	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																							
Dry Bulb	74220	1298	56.4	6.666	23			7.8				90																							
Wet Bulb	67851	1241	54.0	4.364	23							90																							
Dew Point	63037	1195	52.0	4.548	23							90																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24074 SCHWABERSON HALL AFB GA 6-7, 78 OCT
 STATION STATION NAME YEARS MONTH

PAGE 1 0806-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B. W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
56/ 55		1.9																2	2		
54/ 53	3.7		.9															5	5	6	6
52/ 51	1.9	1.9																4	4	4	2
50/ 49	2.8	2.8																6	6	7	4
48/ 47	9.3	2.8																13	13	11	15
46/ 45	10.2	10.2	.9															23	23	15	14
44/ 43	12.0	1.9	.9															16	16	21	21
42/ 41	4.6	3.7																9	9	8	9
40/ 39	7.4	1.9																10	10	13	11
38/ 37	12.0																	13	13	15	14
36/ 35	1.9																	2	2	2	7
34/ 33	1.9	.9																3	3	3	2
32/ 31	.9	.9																2	2	2	2
30/ 29																					1
TOTAL	68.5	28.7	2.9															108	108	108	108
Element (X)	Σx²	Σx	X̄	s _x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Rel. Hum.	1009178	10420	96.5	5.991	108																
Dry Bulb	209335	4719	43.7	5.418	108		1.7					93									
Wet Bulb	204954	4670	43.2	5.312	108		1.7					93									
Dew Point	200523	4617	42.6	5.423	108		2.6					93									

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

9477-54321

GLOBAL CLIMATE BY SPACE
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHAEFERISCH HALL AAF 11 5-74 YEARS MONTH

PAGE 1 16.00-0000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
60/ 59	.3	.3	.5	.6	.1													14	14	2	2		
58/ 57	.3	.5	.5	.5														8	9	4	4		
56/ 55	.4	.3	.5	.5														16	16	15	4		
54/ 53	1.3	1.5	.5	.3														30	30	21	20		
52/ 51	3.3	3.4	.5															55	55	53	35		
50/ 49	2.7	4.1	.5															52	53	57	47		
48/ 47	2.9	4.2	.4															59	59	59	61		
46/ 45	4.7	7.2	1.1															103	103	72	87		
44/ 43	4.7	5.5	.6															88	89	102	91		
42/ 41	4.6	5.1	.4	.1														80	80	87	92		
40/ 39	4.9	4.1	.1															72	72	75	84		
38/ 37	3.4	2.4	.4															49	49	64	56		
36/ 35	4.9	2.9	.1															63	63	61	72		
34/ 33	2.8	2.4																41	41	47	42		
32/ 31	1.4	.5																15	15	25	26		
30/ 29	2.3	1.0																26	26	28	34		
28/ 27	1.4	.3																13	13	13	20		
26/ 25	.1																	1	1	1	6		
24/ 23		.3																2	2		2		
22/ 21		.1																1	1	3			
20/ 19																					1		
18/ 17																					2		
TOTAL	45.4	47.0	5.9	1.5	.1													790	790	790	790		
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	6946111	73847	93.5	7.391	790	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	1492615	33881	42.9	7.169	790		6.8					93											
Wet Bulb	1432598	33182	42.0	6.836	790		8.2					93											
Dew Point	1371624	32464	41.1	6.900	790		10.7					93											

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

9-177-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34074 SCHWABFISCH HALL AAF LL
 STATION STATION NAME

R-7

YEARS

CT
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69						.1												1	1		
68/ 67				.1	.3	.3												5	5		
66/ 65			.1		.4	.1												5	5		
64/ 63				.6	.3													7	7		
62/ 61		.1	.3	.4	.4	.1												10	10	3	
60/ 59	.1	.5	1.4	.5	.5													24	24	6	3
58/ 57		1.4	.9	.2	.4													27	27	17	2
56/ 55	.1	1.6	1.4	.8	.3	.1												34	34	27	13
54/ 53	1.0	3.5	2.7	1.0	.1													66	66	43	35
52/ 51	2.4	3.7	2.8	.4	.3	.1												76	76	75	59
50/ 49	1.5	4.5	2.9	1.0	.5													83	83	75	60
48/ 47	1.0	4.7	2.1	.8	.3													70	70	72	70
46/ 45	3.9	8.1	2.7	.5	.1													122	122	97	115
44/ 43	2.9	4.2	1.9	.9	.1													79	79	111	90
42/ 41	1.4	3.9	.9															49	49	70	68
40/ 39	1.0	2.9	1.2															45	45	64	66
38/ 37	2.4	3.2	.1	.3														47	47	60	64
36/ 35	.6	1.8		.1														20	20	34	60
34/ 33	.6	.9	.1															14	14	19	33
32/ 31	.6	.3																7	7	10	35
30/ 29		.1																1	1	2	11
28/ 27																				1	2
25/ 25																					3
24/ 23																					1
22/ 21																					2
TOTAL	20.5	45.2	21.5	8.2	3.6	.9												792	792	792	792
Element (X)	Σx ²	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	5900346	67692	85.5	12.043	792	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1814369	37517	47.4	7.029	792		.9	.7				93									
Wet Bulb	1642048	35796	45.2	4.278	792		1.5					93									
Dew Point	1498500	34050	43.0	6.615	792		6.3					93									

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

96/7 54321

GLOBAL CLIMATOLOGY BRANCH
 USAF-TAC
 AIR WEATHER SERVICE/MAA

PSYCHROMETRIC SUMMARY

STATION 34074 SCHWABERSON HALL AAF DL YEARS 8-7- MONTH CT
 PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																			
76/ 75																																		1	1					
74/ 73																																			3	2				
72/ 71																																			6	6				
70/ 69																																			14	14				
68/ 67																																			21	21				
66/ 65																																			24	24		3		
64/ 63																																			35	35		3		
62/ 61																																			32	32		17	4	
60/ 59																																			71	71		23	7	
58/ 57																																			55	55		47	9	
56/ 55																																			66	66		59	18	
54/ 53																																			73	73		79	44	
52/ 51																																			73	73		85	81	
50/ 49																																			48	48		75	72	
48/ 47																																			66	65		71	69	
46/ 45																																			81	81		75	66	
44/ 43																																			44	44		88	69	
42/ 41																																			36	36		61	71	
40/ 39																																			21	21		48	73	
38/ 37																																			18	18		30	43	
36/ 35																																			5	5		20	58	
34/ 33																																					4	4	26	
32/ 31																																							10	
30/ 29																																							13	
28/ 27																																							6	
26/ 25																																							4	
24/ 23																																							2	
22/ 21																																							2	
20/ 19																																							1	
TOTAL	4.2	26.2	24.6	19.3	12.2	7.1	3.0	.9	.5																											794	794		794	
Element (X)	Σx²		Σx		Σ		Σ*		No. Obs.		Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4510701		58681		75.9		15.143		794		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	2265995		41925		52.8		8.118		794				5.3	.5			93																							
Wet Bulb	1890458		38390		48.4		6.576		794								93																							
Dew Point	1585788		35024		44.1		7.177		794				5.2				93																							

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

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWAERISCH HALL AAF DL STATION NAME 1978 YEARS OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/ 75							.1											1	1																
74/ 73					.4		.3											5	5																
72/ 71				.1		.1	.1											3	3																
70/ 69			.3		.3	.6	.4	.1										18	18																
68/ 67				.3	1.0	1.6	.9											30	30	3															
66/ 65			.1	.9	.9	.6	.5	.1										30	30	3	1														
64/ 63			.6	1.5	3.4	.3	.6											52	52	2	4														
62/ 61		.4	1.0	1.0	.4	.8	.1			.1								30	30	13	1														
60/ 59		.9	2.0	3.5	1.6	1.1		.1	.1	.1								76	76	31	7														
58/ 57		.3	2.4	1.5	.3	.3	.1											38	38	57	13														
56/ 55		1.8	1.6	3.0	1.0	.3		.3										63	63	76	18														
54/ 53		.3	2.1	3.2	4.3	.6	1.1											92	92	68	53														
52/ 51	1.1	1.5	2.7	1.0	.6	.4	.1											59	59	85	65														
50/ 49	.5	1.1	3.8	1.5	.3	.1		.1										63	63	84	102														
48/ 47	.1	3.0	3.4	1.0	.9	.1	.1											69	69	64	55														
46/ 45	.1	4.7	2.8	.4	.4													66	66	86	100														
44/ 43	.3	1.9	1.6	.6														35	35	73	81														
42/ 41	.5	1.8	1.1	.3														29	29	64	76														
40/ 39	.6	1.3	.6															20	20	43	50														
38/ 37		.9																7	7	24	51														
36/ 35		.8																6	6	14	35														
34/ 33																				2	19														
32/ 31																					29														
30/ 29																					11														
28/ 27																					3														
26/ 25																					1														
24/ 23																					2														
22/ 21																					3														
20/ 19																					1														
18/ 17																					1														
TOTAL	3.5	22.3	27.3	21.0	12.5	7.7	3.2	1.9	.4	.3								792	792	792	792														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	4352489	57469	72.6	15.187	792	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93																							
Dry Bulb	2341653	42579	53.8	8.151	792			6.7	.7			93																							
Wet Bulb	1934866	38800	49.0	6.562	792			.4				93																							
Dew Point	1610178	35250	44.5	7.225	792		6.0					93																							

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

9477-04321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

34074 SCHWAFFISCH HALL AAF DL 8-78 1800-2000
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 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														
72/ 71							.1	.1										2	2																
70/ 69				.1														1	1																
68/ 67			.4			.3												5	5																
66/ 65					.4		.1											4	4																
64/ 63		.3		.5	.4	.4												12	12	4	1														
62/ 61		.1	.9	.7	.9	.1												19	19	2	2														
60/ 59		.9	1.0	1.6	1.6	.3												37	37	5	5														
58/ 57		1.3	1.7	2.0	.1													36	36	20	3														
56/ 55		2.7	1.3	1.0	.6													39	39	28	13														
54/ 53	.1	3.2	3.3	1.3	.1		.1											57	57	53	21														
52/ 51	1.2	2.9	4.6	.3			.1											63	63	65	56														
50/ 49	.6	3.6	3.9	.7														61	61	55	56														
48/ 47	.3	5.9	2.7	.4	.1	.1												67	67	68	50														
46/ 45	1.6	7.1	3.5	1.6		.1												96	96	68	24														
44/ 43	.4	5.6	1.6	.4														56	56	73	63														
42/ 41	.7	5.1	.6	.7	.1	.1												51	51	73	78														
40/ 39	1.4	2.9	1.0															37	37	57	72														
38/ 37	1.2	2.0	1.0	.1														30	30	34	50														
36/ 35	.1	1.9																14	14	29	33														
34/ 33	.7																	5	5	21	30														
32/ 31																				1	12														
30/ 29																					11														
28/ 27																					6														
26/ 25																					1														
24/ 23																					1														
22/ 21																					1														
20/ 19																					2														
18/ 17																					1														
TOTAL	8.44	5.52	27.61	1.7	4.5	1.6	.6	.1										692	692	692	692														
Element (X)	Σx ²	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4769159	56211	82.1	12.336	692	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	1692940	33856	48.9	7.272	692			1.1				93																							
Wet Bulb	1500906	31928	46.1	6.342	692			.1				93																							
Dew Point	1338519	30041	43.4	6.739	692		4.7					93																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWAERISCHE MALL AAF DL STATION NAME 70, 75, 77-78 YEAR 1977
 MONTH OCT PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24-25	26-27	27-28	29-30	≥ 31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67					.9														2	1		
64/ 63					.9														1	1		
60/ 59																					1	
58/ 57			.9																1	1		
56/ 55				.9															1	1		
54/ 53		3.6	2.7																7	7	4	3
52/ 51		1.8	7.1																19	19	2	4
50/ 49		4.5	3.6																9	9	6	
48/ 47	1.8	4.5																	7	7	18	11
46/ 45	2.7	10.7	2.7																18	18	19	16
44/ 43	3.6	11.6	8.9																27	27	19	16
42/ 41	.9	7.1	1.8																11	11	17	13
40/ 39	4.5	2.7																	8	8	18	18
38/ 37	5.4	.9																	7	7	12	11
36/ 35	.9	1.8																	3	3	1	16
34/ 33		.9																	1	1	2	1
32/ 31																					1	2
30/ 29																						1
TOTAL	19.6	50.0	27.7	.9	1.6														112	112	112	112
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	863620	9782	87.3	9.137	112	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	232710	5066	45.2	5.666	112			.8				93										
Wet Bulb	214048	4866	43.4	4.875	112			.8				93										
Dew Point	196375	4659	41.6	4.811	112		2.5					93										

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL 1977-78 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
NO. OF (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/ 75								.0										2	2																
74/ 73						.1		.1										11	11																
72/ 71					.0	.1	.0	.1	.0									34	34																
70/ 69				.0	.0	.1	.2	.1	.1	.0								62	62		3														
68/ 67			.1	.2	.4	.6	.3											63	63	6	1														
66/ 65			.1	.2	.5	.4	.2	.1	.0									107	107	9	5														
64/ 63		.1	.2	.2	1.1	.2	.2	.0	.0									91	91	35	7														
62/ 61		.1	.5	.7	.5	.2	.1	.0	.0	.0								222	222	74	24														
60/ 59	.1	.6	1.5	1.6	1.1	.4	.1	.0	.0	.0								165	165	145	31														
58/ 57	.1	.7	1.5	1.2	.3	.1	.0	.0	.0									330	330	284	182														
56/ 55	.1	1.8	1.3	1.4	.5	.2	.0	.0	.0									340	340	359	302														
54/ 53	.7	2.5	2.4	1.9	.3	.3	.0											323	323	365	341														
52/ 51	1.6	2.7	2.8	.6	.4	.2	.1											351	351	384	331														
50/ 49	1.1	2.9	2.5	.9	.4	.1	.0											509	509	427	562														
48/ 47	1.2	4.1	2.1	.7	.4	.1	.0											349	349	490	432														
46/ 45	2.4	6.8	2.5	.5	.1	.0												267	267	382	409														
44/ 43	2.0	4.2	1.6	.6	.1													218	218	324	378														
42/ 41	1.6	3.9	.8	.2	.0	.0												177	177	248	308														
40/ 39	2.1	2.5	.6	.0														116	116	161	283														
38/ 37	2.0	2.0	.3	.1														65	65	100	153														
36/ 35	1.2	1.6	.0	.0														24	24	40	124														
34/ 33	.9	.7	.0															27	27	30	83														
32/ 31	.4	.2																13	13	14	37														
30/ 29	.4	.2																1	1	1	15														
28/ 27	.3	.0																2	2		8														
26/ 25	.0																	1	1	3	8														
24/ 23		.0																			5														
22/ 21		.0																			4														
20/ 19																																			
18/ 17																																			
TOTAL	18.2	37.6	20.8	11.7	6.4	3.3	1.3	.6	.2	.0								4099	4099	4099	4099														
Element (X)	Zx'	Zx	Σ	Σx	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	28528959	336493	82.1	4.867	4099	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	10081180	200278	48.9	8.492	4099		12.3	21.2	1.8			744																							
Wet Bulb	8852466	188354	46.0	6.940	4099		16.0	.5				744																							
Dew Point	7825012	176812	43.1	6.954	4099		51.5					744																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL

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NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

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

9477-10-71

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
60/ 59					3.3														2	2																
52/ 51																					2															
50/ 49		1.7	3.3	1.7															4	4																
48/ 47		1.7	1.7			1.7													3	3	2															
46/ 45		16.7	3.3	1.7															13	13	3	2														
44/ 43		1.7	8.3																6	6	11	9														
42/ 41	1.7	5.0																	4	4	4	6														
40/ 39	1.7	6.7																	5	5	11	9														
38/ 37	5.0																		3	3	7	4														
36/ 35	6.7																		4	4	4	10														
34/ 33																						2														
32/ 31		1.7																	1	1	1															
30/ 29	3.3	5.0																	5	5	5	3														
28/ 27	5.0	8.3																	8	8	7	7														
26/ 25																					1	5														
24/ 23	3.3																		2	2	2	1														
22/ 21																						2														
TOTAL	26.7	48.3	16.7	3.3	3.3	1.7														60		60														
																			60			60														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	459337	5173	86.2	12.581	60							
Dry Bulb	98112	2374	39.6	8.418	60		24.0					90
Wet Bulb	88408	2264	37.7	7.107	60		24.0					90
Dew Point	78108	2128	35.5	6.683	60		27.0					90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWABERISCH HALL AAF DL

68-75

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STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61																		2	2		
60/ 59				.1	.1	.1												3	3		
58/ 57		.4	.3	.3														7	7	1	
56/ 55				.1														1	1	3	3
54/ 53			.7															5	5	2	1
52/ 51		.7	.1		.3													8	8	8	1
50/ 49	.3	.5	.3	.4														11	11	14	5
48/ 47	.3	1.9	.3	.4														21	21	10	9
46/ 45	.8	6.8	1.5	.8	.4													76	76	30	37
44/ 43	1.1	4.9	.7	.4														52	52	73	34
42/ 41	1.1	7.0	.8	.1														67	67	47	58
40/ 39	4.3	6.8	.1															83	83	96	85
38/ 37	4.1	4.2	.1															62	62	86	74
36/ 35	3.5	7.0	.5															82	82	70	84
34/ 33	6.0	4.3																76	76	101	80
32/ 31	2.7	2.3																37	37	46	77
30/ 29	3.9	2.3																46	46	54	58
28/ 27	6.8	1.4																60	60	57	74
26/ 25	1.6	.3																14	14	16	22
24/ 23	1.2																	9	9	10	12
22/ 21	.4	.1																4	4	3	6
20/ 19	.4	.3																5	5	4	7
18/ 17	.4	.1																4	4	6	5
16/ 15	.1																	1	1	1	1
14/ 13	.3																	2	2	2	2
12/ 11																					3
TOTAL	39.3	51.4	5.4	2.7	.8	.4												738	738	738	738
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	6196180	67266	91.1	9.401	738	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1071651	27573	37.4	7.502	738		22.2					90									
Wet Bulb	1004806	26768	36.2	6.783	738		24.0					90									
Dew Point	930528	25746	34.9	6.639	738		32.6					90									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAEBISCH HALL AAF DL

68-78

NOV

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30, > 31	Dry Bulb		Wet Bulb	Dew Point	
64/ 63						.3											2	2			
62/ 61				.1													1	1			
60/ 59		.4	.1	.3	.3	.1											9	9			
58/ 57			.1	.1	.3												4	4	4		
56/ 55			.1	.4	.5	.5											8	8	2	3	
54/ 53		.4	.7	.4	.3		.1										14	14	5	1	
52/ 51	.3	.4	1.1	.5	.1	.1	.1										20	20	12	4	
50/ 49	.1	1.0	2.1	.8													29	29	13	9	
48/ 47		1.8	1.9	1.0													34	34	31	9	
46/ 45	1.0	6.4	3.3	1.1	.3												88	88	43	35	
44/ 43	1.0	6.4	1.5	.3													67	65	75	43	
42/ 41	.8	6.6	1.4														64	64	85	70	
40/ 39	2.3	4.5	1.8														53	63	89	84	
38/ 37	1.8	5.6	.7														59	59	65	78	
36/ 35	2.7	8.9	.3														87	87	79	87	
34/ 33	2.3	4.1	.3														49	49	82	86	
32/ 31	2.1	2.6															34	34	34	67	
30/ 29	3.1	1.6															35	35	47	57	
28/ 27	4.5	1.2	.1														43	43	37	55	
26/ 25	1.0	.3															9	9	14	18	
24/ 23	.1	.1															2	2	4	8	
22/ 21	.4	.3															5	5	3	2	
20/ 19	.4																3	3	5	7	
18/ 17	.1	.1															2	2	2	4	
16/ 15																				1	
14/ 13																				3	
TOTAL	24.1	52.8	15.5	5.1	1.2	1.1	.1	.1									731	732	731	731	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5563306	63262	86.5	1.224	731	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90									
Dry Bulb	1197842	29056	39.7	6.742	731		16.4					90									
Wet Bulb	1085250	27732	37.9	6.742	731		18.0					90									
Dew Point	964923	26135	35.8	6.467	731		27.3					90									

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL

68-76

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STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
70/ 69						.1																										1	1			
68/ 67							.1																										1	1		
64/ 63				.3	.1	.4																										5	6			
62/ 61				.3	1.0		.1			.3																						12	12			
60/ 59		.3	.1	.4	1.1	.5	.5																									22	22	2		
58/ 57		.1	.2	.1	.8	.4																										13	13	5	1	
56/ 55		.3		1.2	.3	.1																										14	14	6	2	
54/ 53			1.0	1.6	1.1		.3																									29	29	15	2	
52/ 51	.4	.4	1.5	.7	.3		.1																									25	25	18	8	
50/ 49		.8	2.6	2.5	.3																											45	45	32	8	
48/ 47	.1	2.1	3.8	1.6																												56	56	47	13	
46/ 45	.8	4.8	5.2	1.9	.1																											94	95	62	55	
44/ 43	.4	3.7	2.5	.8																												54	54	93	49	
42/ 41	.5	5.6	2.3	.3																												64	64	79	61	
40/ 39	1.1	5.2	1.5																													57	57	65	99	
38/ 37	1.9	3.7	1.1	.3																												51	51	83	78	
35/ 35	2.2	6.2	.5	.1																												66	66	58	103	
34/ 33	1.6	2.9	.1	.1																												35	35	61	73	
32/ 31	1.0	1.6	.1																													20	21	32	50	
30/ 29	1.2	1.6	.3																													23	23	25	46	
28/ 27	3.4	1.2																														34	34	33	47	
26/ 25	.4	.4																														6	5	10	13	
24/ 23	.1	.1																														2	2	4	8	
22/ 21	.1																															1	1	1	5	
20/ 19																																				6
18/ 17																																				4
TOTAL	15.5	41.0	23.0	12.3	5.1	1.6	1.2		.3																							731	733	731	731	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Ref. Num.	4877568	58844	80.5	13.885	731	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 89 F	≥ 93 F	Total																								
Dry Bulb	1392157	31312	42.7	8.628	731		10.7	.2				90																								
Wet Bulb	1203887	29227	40.0	6.956	731		12.9					90																								
Dew Point	1014303	26817	36.7	6.465	731		22.0					90																								

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

8477-103-1

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWABRISCH HALL AAF DL AB-77 NOV
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69							.1											1	1																
66/ 65						.1												1	1																
64/ 63			.1	.2	.3	.4		.1										9	9																
62/ 61				.1	.7		.1											7	7																
60/ 59		.1		.7	.7	.3	.4	.3										18	18	1															
58/ 57		.1	.1	.7	.7	.6	.1											17	17	6															
56/ 55		.1	.4	1.5	.7													20	20	4	2														
54/ 53		.7	.7	1.4	.6		.3											26	26	21	5														
52/ 51	.1	.3	1.9	.8	.3	.1												26	26	16	8														
50/ 49		.8	2.8	2.1	.3													43	43	32	11														
48/ 47		1.9	4.4	2.3	.4													66	66	48	17														
46/ 45	.6	5.2	3.7	.7	.3													76	76	54	57														
44/ 43	1.1	5.2	2.3	.7														68	68	102	48														
42/ 41	.8	5.2	2.5															62	62	76	61														
40/ 39	1.5	5.0	1.6															60	60	73	87														
38/ 37	1.0	4.7	1.1	.3														51	51	76	81														
36/ 35	.6	5.0	.6															44	44	59	91														
34/ 33	1.8	3.0	.4															38	38	51	77														
32/ 31	1.5	2.3	.1															29	29	28	67														
30/ 29	1.1	1.5	.1															20	20	31	33														
28/ 27	3.7	1.8																40	40	32	40														
26/ 25	.4																	3	3	15	24														
24/ 23		.3																2	2		5														
22/ 21																				2	7														
20/ 19																					4														
18/ 17																					2														
TOTAL	14.2	43.3	23.1	11.6	5.0	1.4	1.1	.4										727	727	727	727														
Element (X)	Σx^2	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	4885640	58788	80.9	3.475	727	= 67 F	= 73 F	= 80 F	= 93 F	Total																									
Dry Bulb	1385275	31111	42.8	8.618	727	11.6	.1						90																						
Wet Bulb	1202935	29133	40.1	6.992	727	13.4						90																							
Dew Point	1020294	26822	36.9	6.505	727	22.5						90																							

DA77-34321

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHYAERISCH HALL AAF DL

48-76

NDV

STATION

STATION NAME

YEARS

AGRY

PAGE 1 1800-2000

FORM 11, 9, 71

T _{cap.} (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															
64/ 63					.1																												1	1			
62/ 61					.1																													1	1		
60/ 59				.2																														2	2		
58/ 57				.2	.1																													3	3		1
56/ 55				.3	.3	.1																												5	5		3
54/ 53		.7	2.1	1.3	.7	.1																												34	34		5
52/ 51		.6	1.6	1.0	.3																													25	25		12
50/ 49		.7	1.9	.6		.4																												21	21		20
48/ 47		3.0	1.9	1.3																														39	39		30
46/ 45	.1	7.2	3.4	.4																														75	75		41
44/ 43	.3	4.6	3.6																															61	61		84
42/ 41	1.6	7.3	2.1																															74	74		71
40/ 39	1.6	6.7	1.0																															63	63		80
38/ 37	2.5	4.9	.7																															55	55		75
36/ 35	2.2	5.8	.4																															57	57		60
34/ 33	3.2	3.1																																30	50		74
32/ 31	1.3	2.1																																23	23		28
30/ 29	1.0	2.2																																22	22		23
28/ 27	4.0	1.6																																35	35		35
26/ 25	1.2	.3																																10	10		12
24/ 23	.3	.1																																3	3		2
22/ 21		.6																																4	4		3
20/ 19	.1																																	1	1		3
18/ 17																																					
TOTAL	21.6	52.0	19.0	5.4	1.3	.6																												527	567		567
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hrs. with Temperature					Total																										
Rel. Hum.	4978914	57190	89.7	0.639	667	20 F	22 F	24 F	26 F	28 F	30																										
Dry Bulb	1126813	26933	40.4	7.679	667						13.6																										
Wet Bulb	1018629	25703	38.8	6.617	667						15.0																										
Dew Point	902664	24170	36.2	6.346	667						22.7																										

USAFETAC FORM 11 JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWABRISCH HALL AAF DL STATION NAME 70,75-78 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
58/57			.8															1	1			
56/55				.5														1	1	1		
54/53		.8	3.3	.8														7	7	1 2		
52/51		.8	2.3		1.6													5	6	1		
50/49		1.6	.8															3	3	6 1		
48/47		2.3																3	3	7 3		
46/45		7.0	6.3															17	17	4 7		
44/43	1.6	4.0	2.3															11	11	15 13		
42/41	1.6	10.9																16	16	14 5		
40/39	3.9	7.0																14	14	25 25		
38/37	3.1	1.6																5	6	9 22		
36/35	3.1	9.4																16	16	12 9		
34/33	.8	5.5																8	8	9 10		
32/31	2.3	1.6																5	5	9 10		
30/29	1.6	1.6																4	4	4 8		
28/27	3.1	.8																5	5	6 6		
26/25	1.6	.8																3	3	3 2		
24/23	.8																	1	1	1 2		
22/21																				2		
20/19	.8																	1	1	1		
18/17																				1		
TOTAL	24.2	56.3	16.4	1.6	1.6													128	128	128		
Element	Σx²	Σx	X	s²	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum	1003208	11276	88.1	8.813	128	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	90										
Dry Bulb	214657	5153	40.3	7.534	128		13.4					90										
Wet Bulb	197063	4951	38.7	6.620	128		16.9					90										
Dew Point	179277	4723	36.9	6.278	128		21.8					90										

USAFETAC FORM 0-26-3 (C-1 A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9-77-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL R-78 1997
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69						.0	.0											2	2																
68/ 67						.0	.0											1	1																
66/ 65					.0	.1	.2											1	1																
64/ 63			.0	.1	.1	.2	.0											13	13																
62/ 61				.1	.3	.1	.1											23	23																
60/ 59		.2	.1	.3	.5	.2	.2	.1	.1									56	56	3															
58/ 57		.1	.2	.3	.3	.2	.0											45	45	17	1														
56/ 55		.1	.2	.7	.2	.1												49	49	19	10														
54/ 53		.4	1.1	.9	.5	.0	.1	.0										115	115	49	14														
52/ 51	.2	.5	1.3	.6	.3	.1	.1											110	110	69	24														
50/ 49	.1	.8	1.8	1.2	.1	.1												156	156	117	41														
48/ 47	.1	2.1	2.3	1.3	.1	.0												222	222	175	65														
46/ 45	.6	6.3	3.5	1.0	.2													439	440	237	227														
44/ 43	.9	4.9	2.2	.4														319	320	453	241														
42/ 41	1.0	5.5	1.7	.1														351	351	375	331														
40/ 39	2.2	5.7	1.2															345	345	439	475														
38/ 37	2.3	4.4	.7	.1														287	287	401	412														
36/ 35	2.4	6.6	.4	.0														356	356	342	458														
34/ 33	3.1	3.5	.2	.0														256	256	375	416														
32/ 31	1.7	2.2	.1															149	150	176	320														
30/ 29	2.1	1.9	.1															155	155	189	233														
28/ 27	4.3	1.5	.0															228	228	237	266														
26/ 25	.9	.3																45	45	76	114														
24/ 23	.4	.1																21	21	23	50														
22/ 21	.2	.2																14	14	12	28														
20/ 19	.2	.1																10	10	13	24														
18/ 17	.1	.1																6	6	8	22														
16/ 15	.0																	1	1	1	2														
14/ 13	.1																	2	2	2	5														
12/ 11																					3														
TOTAL	23.1	48.3	17.1	7.2	2.7	1.0	.5	.1	.1									3782	3785	3782	3782														
Elemen* (X)	Σx²		Σx		X̄		σx		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	27960153		321779		85.11		2.414		3782		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb	6486507		153513		40.6		8.294		3785			120.2	.6				720																		
Wet Bulb	5801986		145778		38.5		6.956		3782			134.6					720																		
Dew Point	5020097		136539		36.1		6.520		3782			203.1					720																		

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

9477 5432

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWAERISCH HALL AAF DL STATION NAME R-70 YEARS DEC MONTH
 PAGE 1 0600-0400 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															
54/ 53			.1																												1	1			
52/ 51			.7																												5	5			
50/ 49			.1																												1	1	2		
48/ 47	.1	.7	.2	.3																											10	10	7	3	
46/ 45	.1	2.0	.9	.3																											25	25	8	7	
44/ 43	.8	.8	.9																												18	18	23	16	
42/ 41	.8	3.3	1.1																												39	39	25	14	
40/ 39	1.1	2.4	.5																												30	30	34	31	
38/ 37	1.7	2.3	.8																												36	36	46	26	
36/ 35	2.8	3.7	.7																												54	54	46	56	
34/ 33	6.5	4.0	.5																												83	83	90	69	
32/ 31	1.7	4.0	.1																												44	44	51	63	
30/ 29	3.8	4.5	.1																												64	64	73	64	
28/ 27	10.3	.8	.1																												85	85	84	98	
26/ 25	7.4	1.6																													68	68	64	61	
24/ 23	5.3	1.5																													51	51	53	61	
22/ 21	2.1	1.9																													30	30	34	34	
20/ 19	4.4	1.2																													42	42	38	38	
18/ 17	2.7	.7																													25	25	33	36	
16/ 15	.9	.3																													9	9	8	24	
14/ 13	1.6	.3																													14	14	14	23	
12/ 11	.1																														1	1	2	7	
10/ 9	1.1																														8	8	8	7	
8/ 7	.5	.1																													5	5	4	1	
6/ 5	.1	.1																													2	2	3	9	
4/ 3	.1																														1	1	1		
2/ 1																																		2	
0/ -1																																		1	
-2/ -3	.1																															1	1	1	1
-4/ -5	.3																															2	2	2	2
TOTAL	56.6	36.1	6.8	.5																												754	754	754	754
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	6360568	68968	91.5	8.318	754	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 92 F	Total																							
Dry Bulb	732876	22522	29.9	8.937	754	.4	55.8					93																							
Wet Bulb	624076	21978	29.1	8.425	754	.4	58.3					93																							
Dew Point	629281	20809	27.6	8.546	754	.5	65.6					93																							

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

9427-51281

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAEBISCH HALL AAF DL 68-78 9900-1100
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 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
54/ 53			.7	.1														6	6		
52/ 51			.1															2	2		
50/ 49		.3	.3	.3														6	6	5	
48/ 47		1.2	.5	.3														15	15	5	4
46/ 45	.1	1.5	1.6	.4														27	27	13	9
44/ 43	.4	1.9	1.5	.1														29	29	22	16
42/ 41		1.9	1.3															24	24	29	15
40/ 39	.4	3.7	.8	.1														38	38	40	15
38/ 37	2.1	4.3	.5	.1														53	53	57	46
36/ 35	2.3	4.3	.8															55	55	53	71
34/ 33	4.5	4.7	.5															76	76	80	66
32/ 31	2.0	5.6	.5															61	61	61	68
30/ 29	4.1	4.5																65	65	79	70
28/ 27	3.7	1.7	.1															79	79	84	96
26/ 25	5.5	4.1																72	72	53	66
24/ 23	2.7	1.6																32	32	50	37
22/ 21	1.6	1.7	.1															26	26	30	35
20/ 19	3.2	1.2																33	33	31	31
18/ 17	1.3	.8																16	16	22	29
16/ 15	1.2	.4																12	12	12	34
14/ 13	.5	.4																7	7	8	13
12/ 11	.7	.1																6	6	6	9
10/ 9	.4	.1																4	4	4	5
8/ 7	.4																	3	3	3	8
6/ 5		.1																1	1		4
4/ 3																					
0/ -1	.1																	1	1	1	1
-4/ -5																					
TOTAL	42.3	46.2	9.9	1.5	.1													749	749	749	749
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	5993023	66645	89.0	9.180	749	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	789887	23425	31.3	8.702	749	.1	51.9					93									
Wet Bulb	735209	22675	30.3	8.073	749	.1	55.3					93									
Dew Point	651591	21197	28.3	8.314	749	.2	63.0					93									

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

9477-94321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWABERISCH HALL AAF DL AB-78 DEC
STATION STATION NAME YEARS MONTH
PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
54/ 53				.1	.4													4	4			
52/ 51			.1	.1														2	2			
50/ 49		.3	1.6	.3														20	20	1		
48/ 47		.7	1.1	.5														17	17	15	5	
46/ 45		3.1	1.2	.1	.1													34	34	16	7	
44/ 43	.1	2.3	3.2	.3														44	44	37	19	
42/ 41		2.7	1.2		.1													30	30	34	22	
40/ 39	.7	4.5	1.3	.1														50	50	47	33	
38/ 37	1.8	6.2	1.1															67	67	62	48	
36/ 35	1.1	7.6	1.1	.3														74	74	69	71	
34/ 33	1.8	5.5	.7															59	59	87	73	
32/ 31	2.6	3.9	.8															54	54	59	84	
30/ 29	3.2	4.2	.4															58	58	63	66	
28/ 27	7.6	5.8	.3	.1														102	102	86	85	
26/ 25	3.2	3.0		.3														48	48	63	44	
24/ 23	1.4	2.4																28	28	34	57	
22/ 21	1.1	1.6																20	20	28	38	
20/ 19	1.2	.4																12	12	19	29	
18/ 17	.4	.4																6	6	6	27	
16/ 15	.5	.4																7	7	8	14	
14/ 13	.1	.3																3	3	3	8	
12/ 11	.1																	1	1	1	1	
10/ 9																					6	
8/ 7																					2	
6/ 5																					1	
TOTAL	26.9	55.8	14.3	2.3	.7														740	740	740	
																		740		740		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	5534309	63595	85.9	9.653	740	≤ 0 F.	≤ 32 F.	≥ 67 F.	≥ 73 F.	≥ 80 F.	≥ 93 F.	Total										
Dry Bulb	886951	24939	33.7	7.930	740		42.6					93										
Wet Bulb	809867	23888	32.3	7.240	740		46.5					93										
Dew Point	698756	22052	29.8	7.548	740		58.1					93										

9437-104-021
PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWABERISCH HALL AAF DL STATION NAME 8-72 YEARS DEC MONTH

PAGE 1 1800-2000 HOURS U. 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
52/ 51				.2														1	1		
50/ 49		.4	.2															3	3		
48/ 47		.7		.2														5	5	3	1
46/ 45	.4	1.1	.2															9	9	5	5
44/ 43		3.1	1.1															23	23	15	4
42/ 41	.5	5.6	1.1															40	40	22	20
40/ 39	1.8	3.6	.4															32	32	43	35
38/ 37	1.3	4.0																40	40	34	24
36/ 35	2.0	8.3	.4															59	59	54	44
34/ 33	2.5	6.3																49	49	56	64
32/ 31	2.0	5.2																40	40	59	47
30/ 29	1.8	4.0	.2															33	33	35	51
28/ 27	6.0	3.6	.2															54	54	47	52
26/ 25	5.3	3.1																52	52	54	38
24/ 23	4.2	2.3																36	36	38	43
22/ 21	1.6	3.8																30	30	31	32
20/ 19	3.6	.9																25	25	28	28
18/ 17	1.6	.4																11	11	15	34
16/ 15	.5	.2																4	4	4	14
14/ 13	.5	.4																5	5	4	7
12/ 11	.2																	1	1	2	4
10/ 9	.4																	2	2	2	5
8/ 7																					2
TOTAL	37.2	26.8	3.6	.4														554	554	554	554
Element (X)	Z _x	Z _x	Z _x	Z _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4520432	49884	90.0	7.205	554	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total									
Dry Bulb	579604	17384	31.4	7.884	554		49.2					93									
Wet Bulb	54432	16902	30.5	7.459	554		53.6					93									
Dew Point	491597	15921	28.8	7.281	554		59.9					93									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWAERISCH HALL AAF DL STATION NAME 70,76-78 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb		Dew Point		
52/ 51				1.0																1	1		
48/ 47			1.0																	1	1		
46/ 45																						1	
44/ 43		1.9	1.0																	3	3		
42/ 41		6.7	2.9																	10	10	2	
40/ 39		4.8																		5	5	7	
38/ 37	1.9	2.9																		5	5	4	
36/ 35	1.9	10.6																		13	13	10	
34/ 33	4.8	2.9																		8	8	15	
32/ 31	1.9	7.7																		10	10	9	
30/ 29	1.9	1.9																		4	4	7	
28/ 27	9.6	1.9																		12	12	11	
26/ 25	2.9	1.9																		5	5	5	
24/ 23	4.8	1.0																		6	6	5	
22/ 21	1.9	1.9																		4	4	9	
20/ 19	10.6	1.9																		13	13	3	
18/ 17																						1	
16/ 15	1.9	1.0																		3	3	9	
14/ 13		1.0																		1	1	4	
12/ 11																						2	
10/ 9																						1	
TOTAL	44,250.0	4.8	1.0																	104	104	104	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.		Mean No. of Hours with Temperature					Total											
Rel. Hum.	859388	9422	90.6	7.498	104	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total											
Dry Bulb	104981	3193	30.7	8.214	104		3149					93											
Wet Bulb	99044	3110	29.9	7.665	104		5288					93											
Dew Point	89096	2934	28.2	7.365	104		59.0					93											

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 STATION SCHWAERISCH HALL AAF DL 48-78 YEARS MONTH DEC

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
54/ 53			.2		.1	.2												19	19		
52/ 51			.2		.1	.1												16	16		
50/ 49		.4	.5		.1	.0												41	41	11	
48/ 47	.0	.7	.5		.3													55	55	43	16
46/ 45	.2	2.1	1.3		.2	.0												139	139	58	37
44/ 43	.3	1.8	1.8		.2													153	153	130	70
42/ 41	.3	3.4	1.4		.0													191	191	153	90
40/ 39	.8	3.5	.5		.1													191	192	220	152
38/ 37	1.8	4.4	.8		.0													262	262	271	194
36/ 35	2.2	6.3	1.1		.1													356	356	310	337
34/ 33	3.5	4.6	.7		.1													334	334	409	358
32/ 31	1.8	4.6	.4															254	254	303	345
30/ 29	2.9	4.6	.2															285	285	323	319
28/ 27	8.4	3.5	.2		.1													449	449	410	430
26/ 25	4.8	3.4			.1													305	305	306	292
24/ 23	2.9	1.8	.1															178	178	226	263
22/ 21	1.5	2.2	.0															138	138	155	190
20/ 19	3.1	.9																146	146	159	167
18/ 17	1.2	.5																63	63	86	161
16/ 15	.8	.4																45	45	44	113
14/ 13	.6	.3																35	35	36	68
12/ 11	.3	.0																11	11	13	24
10/ 9	.5	.0																18	18	18	36
8/ 7	.2	.0																9	9	8	16
6/ 5	.0	.1																3	3	3	17
4/ 3	.0																	1	1	2	
2/ 1																					2
0/ -1	.0																	1	1	1	2
-2/ -3	.0																	1	1	1	1
-4/ -5	.1																	2	2	2	3
TOTAL	38.1	49.7	10.4	1.4	.4													3701	3702	3701	3701

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

Element (X)	Z _X ¹	Z _X	X	S _X	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	≥ 67 F	≥ 67 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				Total	
Dry Bulb	29178454	226782	88.2	9.373	3701	28	390.7				744
Wet Bulb	4017194	117842	31.8	8.479	3701	38	421.4				744
Dew Point	3720938	113706	30.7	7.842	3701	42	482.3				744
	3274495	105983	28.6	8.046	3701						

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34074 SCHWAERISCH HALL AAF DL

R-79

ALL MONTHS

YEARS

PAGE 2

ALL MONTHS

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			
28/ 27	2.2	1.0	.1	.0														1574	1574	1535	2352			
26/ 25	.9	.6	.0	.0														735	735	843	1254			
24/ 23	.5	.4	.0	.0														444	444	556	960			
22/ 21	.3	.4	.0															358	358	398	624			
20/ 19	.6	.2																366	366	420	483			
18/ 17	.3	.1	.0															225	225	255	473			
16/ 15	.2	.1																123	123	137	296			
14/ 13	.1	.1																100	101	86	213			
12/ 11	.1	.0																52	52	64	106			
10/ 9	.1	.0																43	43	41	118			
8/ 7	.0	.0																24	24	25	50			
6/ 5	.0	.0																17	17	18	38			
4/ 3	.0	.0																7	7	11	14			
2/ 1	.0	.0																6	6	5	11			
0/ -1	.0																	2	2	3	21			
-2/ -3	.0																	2	2	2	3			
-4/ -5	.0																	2	2	2	3			
-6/ -7																					1			
TOTAL	15.9	33.3	16.5	10.3	7.6	5.9	4.3	2.9	1.7	.8	.4	.2	.1	.1	.0		47067	47076	47067	47067				
Element (X)	X²	X	X	X	X	No. Obs.	Mean No. of Hours with Temperature										Total							
Rel. Hum.	590858649	3601727	76.5	17.996	47067	±0 F	±32 F	±64 F	±73 F	±83 F	±93 F													
Dry Bulb	123449359	2303269	48.9	15.119	47067	1.2	305.7	202.3	536.7	157.5	.5					8760								
Wet Bulb	101169208	2106832	44.8	2.692	47067	1.4	507.2	119.2	2.6					6760										
Dew Point	84630871	1922987	40.9	1.351	47067	5.3	229.4	7.6					8760											

9427-104-01

USAETAC FORM 01-26-3 (CL A) 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

34074 SCHKAEFISCH HALL AAF DL

68-79

STATION	STATION NAME	YEARS												
HRS. R.S.T.		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	15.7	31.5				55.0	58.0	63.3		38.7		27.0	39.2
	S. D.										2.689			13.118
	TOTAL OBS	2	2				1	1	3		19		1	30
03-05	MEAN	28.7	30.5	30.2	39.5	46.0	54.9	54.7	54.5	50.2	43.7	39.6	23.8	42.5
	S. D.	6.566	9.167	7.872	7.841	5.059	5.226	5.363	5.109	5.635	5.418	8.418	6.864	12.152
	TOTAL OBS	60	54	62	61	63	68	62	79	117	108	60	63	857
06-08	MEAN	30.4	31.0	33.9	39.5	48.8	54.7	57.9	56.8	50.2	42.9	37.4	29.9	43.0
	S. D.	8.946	7.249	8.248	7.245	6.322	6.345	5.997	5.279	6.568	7.169	7.502	8.937	12.446
	TOTAL OBS	780	688	819	795	808	810	791	821	751	790	738	754	9346
09-11	MEAN	31.7	32.8	38.5	45.1	55.7	61.7	65.4	64.1	57.5	47.4	39.7	31.3	47.9
	S. D.	8.534	6.950	9.036	8.888	7.658	8.033	7.883	6.788	7.128	7.039	7.802	8.702	14.669
	TOTAL OBS	789	703	836	795	810	809	796	822	756	792	732	749	9389
12-14	MEAN	34.4	36.3	43.4	50.2	59.3	64.9	69.0	68.5	62.7	52.8	42.7	33.7	51.8
	S. D.	7.634	7.122	10.053	10.314	8.785	9.088	9.112	7.886	7.939	8.118	8.628	7.916	15.349
	TOTAL OBS	758	702	835	794	810	810	795	822	756	794	733	737	9376
15-17	MEAN	34.9	37.3	44.7	51.8	60.7	66.1	70.6	70.1	63.9	53.8	42.8	33.7	52.9
	S. D.	7.660	7.334	10.221	10.369	9.225	9.506	9.447	8.470	8.320	8.151	8.618	7.930	15.810
	TOTAL OBS	785	760	823	794	807	809	797	820	743	792	727	740	9337
18-20	MEAN	32.5	35.2	41.9	48.9	52.2	63.9	68.1	67.2	60.3	48.9	40.4	31.4	50.0
	S. D.	7.502	6.338	9.382	9.639	8.468	8.715	8.718	8.112	8.007	7.272	7.679	7.854	15.290
	TOTAL OBS	674	598	643	663	664	657	657	683	597	692	667	554	7753
21-23	MEAN	30.0	34.1	45.4	42.7	55.9	56.9	64.4	63.5	56.4	43.2	40.3	30.7	46.3
	S. D.	9.162	6.693	9.225	7.464	6.874	5.649	6.344	7.368	6.666	5.666	7.534	8.214	13.923
	TOTAL OBS	108	61	36	82	80	88	87	75	23	112	128	104	988
ALL HOURS	MEAN	32.6	34.4	40.3	47.1	56.3	62.0	65.9	65.0	58.6	48.9	40.6	31.8	48.9
	S. D.	8.363	7.434	10.253	10.322	9.203	9.310	9.475	8.834	9.098	8.492	8.294	8.479	15.119
	TOTAL OBS	3987	3504	4054	3338	4046	4052	3986	4125	3743	4099	3745	3702	67876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ IAC

MEANS AND STANDARD DEVIATIONS

AIR-TEMPERATURES DEG F FROM SURFACE OBSERVATIONS

34074 SCHRAEPISSCH HALL AAF DL
STATION STATION NAME

1979
YEAR

MOS R S T 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 16.5 S D 2 TOTAL OBS 2	30.0				54.4	53.0	59.7		38.0 2,906 15		26.0 1	32.9 11,766 25
03-05	MEAN 25.3 S D 6.100 TOTAL OBS 60	29.6 3,731	29.5 7,552	38.0 6,971	44.6 4,640	53.4 5,215	52.8 5,128	53.6 4,842	45.3 5,366	43.2 5,312	37.7 7,107	29.3 5,679	41.5 11,743 57
06-08	MEAN 29.7 S D 8.559 TOTAL OBS 760	30.2 6,830	32.8 7,760	37.6 6,494	46.3 5,615	52.0 5,508	55.0 5,150	54.7 4,884	43.9 6,327	42.0 5,336	36.3 5,753	29.1 4,425	41.4 11,603 324
09-11	MEAN 37.7 S D 8.719 TOTAL OBS 769	31.7 6,424	36.0 7,685	41.6 5,737	50.1 5,583	55.4 5,534	58.6 5,336	58.4 4,679	53.4 5,684	45.2 5,279	37.9 6,742	30.3 4,073	44.4 12,259 937
12-14	MEAN 32.8 S D 7.031 TOTAL OBS 780	34.3 6,230	38.6 7,647	43.5 5,882	51.4 5,007	55.9 5,803	59.6 5,513	59.8 4,780	55.6 5,805	48.4 6,375	40.0 6,956	32.1 7,267	46.3 11,869 937
15-17	MEAN 39.3 S D 7.028 TOTAL OBS 724	35.0 6,230	39.6 7,525	44.2 5,861	52.2 5,864	57.1 5,750	60.2 5,415	60.2 4,793	56.2 5,375	49.7 6,562	40.1 6,992	32.3 7,240	46.9 11,916 937
18-20	MEAN 31.5 S D 7.499 TOTAL OBS 674	33.7 5,673	38.2 7,509	42.9 5,626	51.1 5,670	56.3 5,531	59.3 5,129	59.2 4,838	55.0 5,234	46.1 6,342	38.9 6,617	30.5 7,459	45.4 12,325 773
21-23	MEAN 29.1 S D 8.641 TOTAL OBS 108	32.7 6,088	41.9 7,595	43.9 5,569	51.4 5,309	53.1 4,470	58.4 4,634	58.2 4,663	54.0 6,364	43.4 4,075	36.7 6,620	29.9 7,660	43.3 11,919 987
ALL HOURS	MEAN 31.5 S D 7.793 TOTAL OBS 3985	32.9 6,574	37.0 8,078	41.9 7,118	50.1 6,108	55.3 5,917	58.4 5,641	58.4 5,216	53.6 6,466	46.0 6,940	38.5 6,956	30.7 7,942	44.8 12,092 4706

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM SURFACE OBSERVATIONS

34074 SCHWAEPISCH HALL AAF DL

6-76

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	14.7	26.7				53.0	49.0	58.7		37.2		23.0	37.4	
	S. D.									3.310				11.243	
	TOTAL OBS	2	2				1	1	3		19		1	29	
03-05	MEAN	27.1	27.9	28.2	36.3	43.3	52.2	51.4	52.9	48.6	42.5	35.5	21.6	40.2	
	S. D.	6.177	6.009	7.659	6.787	5.146	5.384	5.423	4.812	5.455	5.423	6.463	7.398	12.032	
	TOTAL OBS	62	54	62	61	63	68	42	79	117	108	60	63	257	
06-08	MEAN	28.2	28.7	30.9	35.1	43.9	49.7	52.9	53.2	47.7	41.1	34.9	27.6	39.7	
	S. D.	8.928	7.089	8.213	5.747	5.979	5.705	5.353	5.168	6.025	5.900	6.639	8.546	11.627	
	TOTAL OBS	783	482	519	795	808	810	791	821	751	790	738	754	9346	
09-11	MEAN	29.7	29.8	32.5	36.4	44.9	50.5	53.9	54.4	50.0	43.0	35.8	28.3	40.9	
	S. D.	8.325	6.675	7.741	6.796	5.949	5.829	5.522	5.161	5.863	6.615	6.467	8.314	11.627	
	TOTAL OBS	789	702	836	795	810	809	796	822	756	792	731	749	9387	
12-14	MEAN	30.7	31.2	32.9	36.1	44.5	50.1	53.2	53.8	50.0	44.1	36.7	29.4	41.2	
	S. D.	7.567	6.514	7.664	6.941	6.414	6.005	5.777	5.531	6.341	7.177	6.465	7.567	11.153	
	TOTAL OBS	783	702	835	794	810	810	795	822	756	794	731	736	9373	
15-17	MEAN	30.5	31.7	33.3	36.1	44.8	50.5	53.2	53.4	50.2	44.5	36.9	29.8	41.4	
	S. D.	7.492	6.486	7.513	7.084	6.287	5.974	5.768	5.583	6.382	7.225	6.505	7.548	11.037	
	TOTAL OBS	784	700	823	792	807	809	797	821	743	792	727	740	9335	
18-20	MEAN	29.7	31.4	33.5	36.3	44.8	50.6	53.2	53.6	50.8	43.4	36.2	28.8	41.2	
	S. D.	7.912	5.964	7.868	6.526	5.993	5.947	5.340	5.422	6.151	6.739	6.346	7.781	11.105	
	TOTAL OBS	474	596	645	667	666	657	657	682	597	692	667	554	7753	
21-23	MEAN	27.1	30.9	38.0	37.6	47.3	50.0	54.2	54.5	52.0	41.6	36.9	28.2	40.4	
	S. D.	8.924	6.481	7.169	5.849	6.134	5.092	4.590	4.209	6.568	4.611	6.278	7.765	11.385	
	TOTAL OBS	108	60	36	62	84	88	87	75	23	112	126	104	987	
ALL HOURS	MEAN	29.3	30.5	32.6	36.1	44.6	50.3	53.2	53.7	49.7	43.1	36.1	28.6	40.9	
	S. D.	8.102	6.706	7.830	6.830	6.120	5.877	5.554	5.361	6.225	6.954	6.520	8.046	11.351	
	TOTAL OBS	3835	3504	4256	3958	4068	4052	3986	4125	3743	4099	3782	3701	47067	

GLOBAL CLIMATE DIVISION
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34074 SCHVAERISC HALL AAF DL 69-79 JAN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	50.0	88.0	2
	03-05	100.0	100.0	100.0	100.0	100.0	98.3	98.2	93.3	81.7	93.3	60
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.5	91.2	66.3	91.5	78
	09-11	100.0	100.0	100.0	100.0	100.0	99.7	95.8	84.2	54.8	89.1	709
	12-14	100.0	100.0	100.0	99.9	99.7	96.7	88.8	69.3	36.2	84.5	788
	15-17	100.0	100.0	100.0	100.0	99.6	97.3	88.4	69.8	35.5	84.5	784
	18-20	100.0	100.0	100.0	100.0	100.0	99.6	97.5	87.5	56.3	89.7	474
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.2	88.0	50.0	88.9	108
	TOTALS	100.0	100.0	100.0	100.0	99.9	99.0	95.6	85.4	53.9	88.3	3985

GLOBAL CLIMATELOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34074 SCHWABERISCH HALL AAF DL 55-75 MAY
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%			
MAY	00-02												
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	95.6	37.3	60.3	90.4	521	
	06-08	100.0	100.0	100.0	100.0	99.8	95.7	58.4	31.9	35.1	83.9	202	
	09-11	100.0	100.0	100.0	97.5	86.4	66.9	46.4	24.4	9.6	68.8	110	
	12-14	100.0	100.0	98.9	89.1	66.5	42.6	27.9	14.8	6.7	60.2	110	
	15-17	100.0	100.0	97.9	84.3	60.2	40.3	27.6	15.0	7.1	58.6	107	
	18-20	100.0	100.0	99.8	92.9	74.1	49.7	35.8	19.7	7.4	53.2	66	
	21-23	100.0	100.0	100.0	100.0	96.4	75.0	57.1	36.9	21.4	74.2	64	
TOTALS		100.0	100.0	99.5	94.8	83.3	67.3	54.3	37.1	21.1	71.3	404	

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/TAC

RELATIVE HUMIDITY

34 74 SCHWABERISCH HALL AFB IL 4-78 PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	1
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	72.6	54.4	90.5	9
	06-08	100.0	100.0	100.0	100.0	99.5	95.9	87.8	64.4	33.3	84.0	21
	09-11	100.0	100.0	100.0	98.0	85.0	66.5	44.7	24.5	9.4	68.5	80
	12-14	100.0	100.0	99.6	90.1	68.1	44.9	30.0	16.4	5.4	61.0	81
	15-17	100.0	100.0	98.6	86.5	62.7	43.1	30.3	17.7	8.2	60.0	80
	18-20	100.0	100.0	99.1	92.5	72.0	55.9	41.9	22.7	7.3	64.6	65
	21-23	100.0	100.0	100.0	100.0	96.0	86.4	77.3	50.0	21.6	78.8	86
TOTALS		100.0	100.0	99.7	95.9	85.5	74.1	64.1	48.5	29.7	75.1	4052

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AF

RELATIVE HUMIDITY

34-74 STATION SCHEPPISCH HALL WAF LL PERIOD 6-75 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%		
01-02		100.0	100.0	100.0	100.0	100.0	66.7	50.7	34.7	26.7	34.0	3
03-05		100.0	100.0	100.0	100.0	100.0	100.0	100.0	64.2	77.2	94.1	79
06-08		100.0	100.0	100.0	100.0	100.0	99.0	95.4	75.4	48.0	58.1	21
09-11		100.0	100.0	100.0	99.0	91.7	72.4	55.6	33.7	15.1	72.5	22
12-14		100.0	100.0	98.7	92.0	69.2	47.3	30.0	14.6	7.1	51.6	22
15-17		100.0	100.0	96.0	65.0	62.3	39.5	26.2	13.3	5.0	58.2	30
18-20		100.0	100.0	98.1	91.2	77.7	56.2	36.5	19.9	3.0	64.3	50
21-23		100.0	100.0	100.0	99.7	93.3	81.3	58.7	34.7	16.7	74.2	75
TOTALS		100.0	100.0	99.1	95.7	86.8	70.3	58.6	44.4	30.6	74.9	4125

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/NAO

RELATIVE HUMIDITY

34-74 SCHWABISCH HALL ABF DE

66-76

SEP

STATION NAME PERIOD MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
SEP	03-02												
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	75.2	94.2	127	
	05-08	100.0	100.0	100.0	100.0	99.9	99.1	87.7	67.9	52.1	91.2	751	
	09-11	100.0	100.0	100.0	99.9	97.4	67.6	72.6	41.0	16.0	77.1	758	
	12-14	100.0	100.0	100.0	99.1	91.0	57.9	35.3	14.2	5.4	64.4	750	
	15-17	100.0	100.0	100.0	95.2	75.8	54.6	29.0	12.9	4.4	62.8	743	
	19-20	100.0	100.0	100.0	99.2	94.0	78.2	57.5	29.0	11.2	72.3	597	
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	95.7	69.6	34.0	65.2	231	
TOTALS		100.0	100.0	100.0	98.9	92.6	82.5	69.6	49.6	29.9	78.2	3742	

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GLOBAL CLIMATE DATA BRANCH
USAFETAC
AIR WEATHER SERVICE/AF

RELATIVE HUMIDITY

3474 SC-NAE/ISG/ HALL AFB AL 50-78 787
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%			
787	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.2	84.2	12
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.1	97.2	89.6	96.5	100	
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	99.0	93.4	74.3	93.5	79	
	09-11	100.0	100.0	100.0	100.0	99.1	96.0	87.4	69.2	42.4	65.5	792	
	12-14	100.0	100.0	99.7	98.6	91.1	80.5	61.8	35.5	16.1	73.7	794	
	15-17	100.0	100.0	99.2	97.9	90.9	78.4	58.0	31.3	13.9	72.6	792	
	18-20	100.0	100.0	100.0	99.4	98.1	93.8	84.0	59.2	31.0	82.1	492	
	21-23	100.0	100.0	100.0	100.0	100.0	99.1	97.3	71.4	40.2	67.3	112	
TOTALS		100.0	100.0	99.9	99.5	97.4	93.5	85.9	69.3	50.1	85.7	4099	

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 GLOBAL CLIMATE DATA CENTER
 USAF-TAC
 AIR WEATHER SERVICE/TAC

RELATIVE HUMIDITY

3474 SCHAEFERS HALL AFB AL 1970-71 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	99.7	99.0	95.0	85.4	75.0	70.0	4500
FEB		100.0	100.0	99.9	99.0	98.4	97.8	93.0	82.0	70.5	65.0	3500
MAR		100.0	100.0	99.0	97.9	92.0	83.7	69.1	51.0	35.0	25.0	4500
APR		100.0	100.0	98.4	93.0	81.4	68.4	54.0	35.7	19.0	11.0	3500
MAY		100.0	100.0	99.0	94.0	83.0	67.3	54.0	37.1	21.0	11.0	4500
JUN		100.0	100.0	99.7	95.9	85.5	74.1	64.1	46.5	27.7	15.1	4500
JUL		100.0	99.9	99.0	95.2	84.1	70.6	57.0	37.2	22.0	10.0	3500
AUG		100.0	100.0	99.1	95.7	86.0	70.3	58.0	44.4	30.0	14.0	4200
SEP		100.0	100.0	100.0	98.9	92.0	82.5	69.0	49.5	35.5	20.0	3700
OCT		100.0	100.0	99.9	99.5	97.0	93.1	88.5	79.5	65.1	55.7	4500
NOV		100.0	100.0	100.0	99.7	98.9	95.5	88.0	71.9	44.3	25.5	3700
DEC		100.0	100.0	100.0	100.0	99.9	99.3	96.5	85.4	67.0	55.4	3700
TOTALS		100.0	100.0	99.0	97.5	91.6	83.5	73.2	57.1	34.0	20.5	4700

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 ENVIRONMENTAL TECHNICAL
 APPLICATIONS CENTER

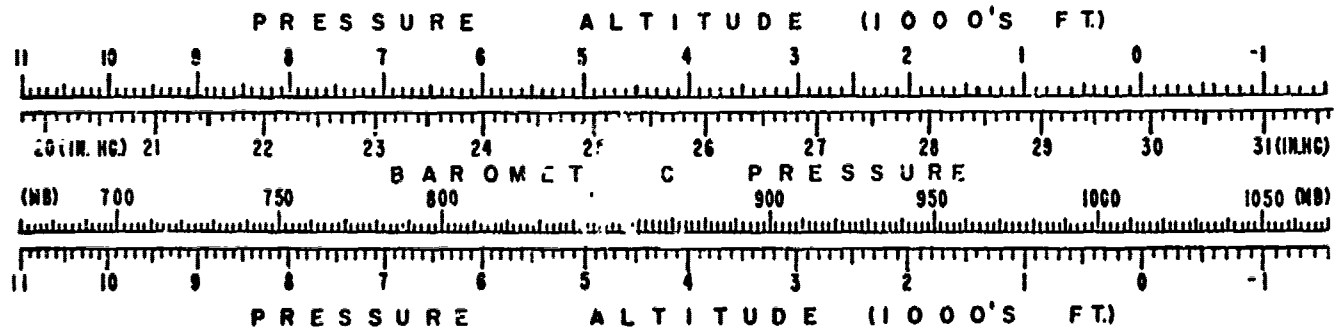
PART F PRESSURE SUMMARY

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 CLIMATE DATA
 USAFETAC
 AIR WEATHER SERVICE

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE INCHES MERCURY

34074 SQUADRON HALL AAF DL 1-7

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN S D TOTAL OBS	28.730 . 2						28.730 . 1			28.572 . 4		28.31 . 1	28.572 . 1
04	MEAN S D TOTAL OBS	28.430 . 28	28.384 . 27	28.465 . 31	28.514 . 30	28.592 . 32	28.473 . 32	28.634 . 31	28.587 . 39	28.665 . 58	28.718 . 50	28.492 . 30	28.528 . 22	28.572 . 42
07	MEAN S D TOTAL OBS	28.562 . 263	28.513 . 232	28.559 . 270	28.542 . 265	28.574 . 270	28.626 . 270	28.565 . 264	28.645 . 274	28.662 . 250	28.597 . 263	28.602 . 247	28.631 . 252	28.572 . 318
10	MEAN S D TOTAL OBS	28.578 . 263	28.524 . 234	28.576 . 277	28.556 . 265	28.562 . 270	28.632 . 270	28.672 . 265	28.656 . 274	28.690 . 252	28.715 . 255	28.728 . 242	28.650 . 220	28.621 . 3127
13	MEAN S D TOTAL OBS	28.563 . 203	28.512 . 234	28.564 . 277	28.544 . 265	28.571 . 270	28.621 . 270	28.661 . 265	28.647 . 274	28.679 . 250	28.701 . 265	28.599 . 245	28.634 . 245	28.606 . 3124
16	MEAN S D TOTAL OBS	28.554 . 262	28.499 . 235	28.542 . 275	28.517 . 265	28.559 . 270	28.605 . 270	28.647 . 265	28.630 . 273	28.660 . 250	28.672 . 264	28.595 . 241	28.627 . 246	28.592 . 3116
19	MEAN S D TOTAL OBS	28.561 . 212	28.541 . 196	28.558 . 235	28.509 . 205	28.554 . 204	28.604 . 201	28.622 . 203	28.639 . 207	28.651 . 179	28.651 . 214	28.622 . 214	28.653 . 176	28.592 . 2416
22	MEAN S D TOTAL OBS	28.499 . 37	28.496 . 14		28.502 . 22	28.528 . 28	28.571 . 35	28.665 . 33	28.627 . 27	28.559 . 5	28.754 . 45	28.657 . 45	28.607 . 40	28.620 . 329
ALL HOURS	MEAN S D TOTAL OBS	28.560 . 1330	28.516 . 1170	28.558 . 1335	28.535 . 1217	28.569 . 1344	28.619 . 1346	28.655 . 1327	28.642 . 1363	28.675 . 1244	28.700 . 1372	28.600 . 1264	28.636 . 1243	28.606 . 15660