

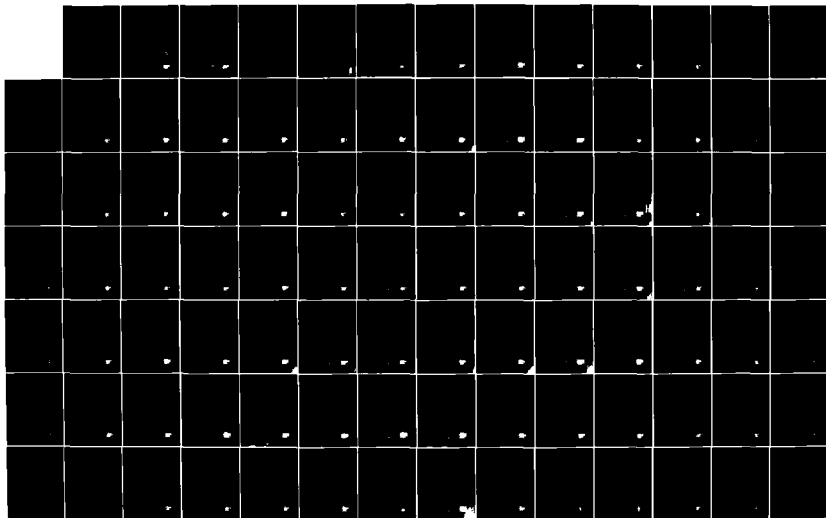
AD A147 167

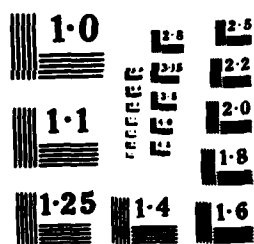
HOHENFELS AAF GERMANY LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LISOC5)(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. AUG 84
UNCLASSIFIED USAFETAC/US R4/025 SRI-AD-EB50 753

1/3

F/G 4/2

NL





1

DA 100-105

USAFETAC/DS-841025

AD-A147 167

**DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)**

"LIMITED SURFACE CLIMATIC SUMMARY RECORDS"

HOHENFELS AAF GE MSG #107715
N 49 13 E 011 50 ELEV 1450 FT EDIH
PARTS A, C-F HOURS SUMMARIZED: 0500Z - 1600Z
PERIOD OF RECORD:
HOURLY OBSERVATIONS: MAR 74 - FEB 84
SUMMARY OF DAY DATA: NOT SUMMARIZED:
TIME CONVERSION GMT TO LST: +1

AWS TECHNICAL LIBRARY
IL 4414
SCOTT AFB IL 62225

07 AUG 1984

03 AUG 1984

FEDERAL BUILDING
ASHEVILLE, N. C.

**DTIC
FLECTE**
OCT 29 1984

B

DISTRIBUTION STATEMENT A
Approved for public release
Distribution Unlimited

84 10 23 227

DTIC FILE COPY

REVIEW AND APPROVAL STATEMENT

This report, USAFETAC DS-84/307, is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

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

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Reference Section
USAFETAC/LDX

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 84/025	2. GOVT ACCESSION NO AD-A147167	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Limited Surface Observations Climatic Summary (LISOCs) - HOHENFELS AAF, GERMANY (WEST)		5. TYPE OF REPORT & PERIOD COVERED Final Rept
7. AUTHOR		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/TS Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE AUG 84
		13. NUMBER OF PAGES 120
		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		15a. DECLASSIFICATION DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES Limited-duty weather observation site.		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*LISOCs	Climatology	Weather conditions
*RUSSWO	Surface winds	Relative humidity
*Climatological data	Sea-level pressure	Station pressure
Psychrometric summary	Atmospheric pressure	Ceiling versus Visibility
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is similar to a Revised Uniform Summary of Surface Weather Observations (RUSSWO) except the summary generated is from data observed at limited-duty observation sites. This summary is blocked based on the normal hours of observation and only those tables using hourly data are presented. Caution must be exercised when using these summaries as the data reflect conditions occurring only during limited duty hours of operation. This report is a five-part statistical summary of surface weather observations for HOHENFELS AAF, GERMANY (WEST).		

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

* GERMANY (WEST)

20. It contains the following parts: (A) Weather Conditions; (C) Surface Winds; (D) Ceiling Versus Visibility; (E) Psychrometric Summaries (psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard deviations and observation counts of station and/or sea-level pressure). Summaries in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

CAUTION

Hohenfels AAF, Germany is a part time observing station, thus we partitioned the data to use only those observations from 0600Z to 1700Z. Any data outside these hours were not used in the production of this summary. This partitioning is necessary to reduce any bias in the summaries which could result from using those infrequent observations outside the normal operating hours.

The title page contains a stamped entry "Data Not Available" next to those summaries that are not included, i.e., "Sky Cover". This station being closed on weekends and holidays obviously renders the SOD data as questionable at best (is the data for 24, 48 or 60 hours at the beginning of the new week.)

The remaining summaries contain serious misleading values that if used would present gross inaccurate climatology for Hohenfels, therefore the "ALL ALL" summaries were removed because they do not represent the "ALL" hours. We urge caution when using these summarized values because they contain only those values from 0600Z to 1700Z, not for a full 24 hour period.

Accession For	
NTIS GRA&I	☒
DTIC TAB	☐
Unannounced	☐
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	



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

USAFETAC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES (LISOCs)
HOURLY OBSERVATIONS

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

SUMMARY OF THE DAY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A: WEATHER CONDITIONS

PART B: NO OR INSUFFICIENT
DATA AVAILABLE*

PART C: SURFACE WINDS

PART D: CEILING VERSUS VISIBILITY

SKY COVER DATA NOT AVAILABLE

*PRECIPITATION, SNOWFALL AND SNOW DEPTH

PART E: DAILY HIGH, LOW, AND MEAN TEMPERATURES

MAX HIGH AND MIN LOW TEMPERATURES

PSYCHROMETRIC: DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F: STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

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

101115

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER			
107715	HOHENFELS GERMANY AAF	N 49 13	E 011 50	1450	EDTM				
STATION LOCATION AND INSTRUMENTATION HISTORY									
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE NSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Hohenfels Germany	AAF	Sep 61	Feb 70	N 49 13	E 011 50	1460	N/A	12 to 14
2	No change	AAF	Mar 70	Apr 70	No chge	No chge	No chge	N/A	24
3	No change	AAF	May 70	Dec 70	No chge	No chge	No chge	N/A	13
4	No Chge	AAF	Dec 70	Dec 83	No chge	No chge	1450	1449	13
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	Sep 61 to Feb 62	Located on top of control tower.	AM/GMR-11	None	70 ft				
2	Mar 62 to Feb 64	No change	No chge	None	60 ft				
3	Mar 64 to Feb 65	Located in control tower.	No chge	None	35 ft				

USAFETAC FORM 0-19 (01-4)

CONTINUED ON REVERSE SIDE

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	
4	Mar 65 to Apr 67	Located on top of control tower.	No chge	None	50 ft	
5	May 67 to Feb 68	Located on top of MMQ-2 van	AN/TMQ-15	None	15 ft	
6	Mar 68 to Dec 70	Located 600 ft from centerline, 650 ft from end of rwy.	No chge	None	16 ft	
7	Dec 70 to Dec 83	Located 275 ft left of C/L Rwy 09 355 Ft from Apch end.	T-420 GMQ-11	RO-362	No Chge	

MAC-8 AFB, 12 88-8879

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

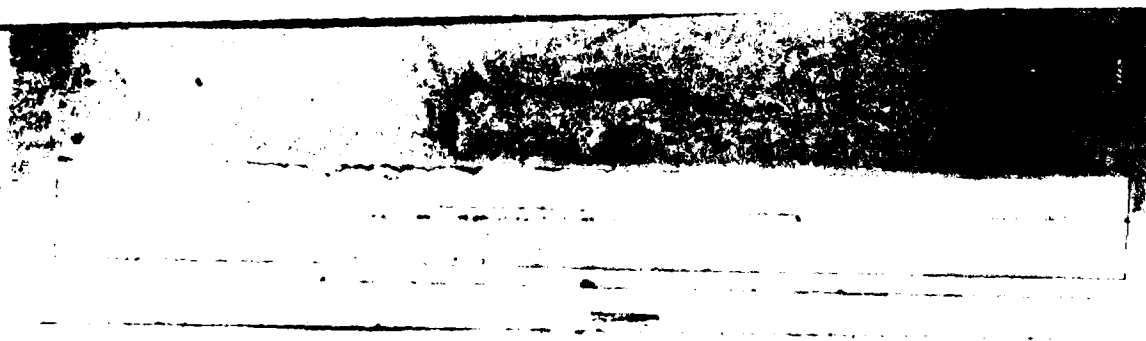
Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

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

Continued on Reverse

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

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



WEATHER CONDITIONS

1715	HOFENFEL, AAF GF	75-84	JAN
STATION	STATION NAME	YEARS	MONTH

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	1-22												
	2-23												
	26-28		11.7	.4	22.1		33.8	53.5	.6			54.1	787
	9-11		12.0	1.0	24.1		36.2	46.3	3.2	.1	.1	49.7	792
	17-18		13.1	.1	24.4		36.5	34.1	12.7			46.6	742
	15-17		14.1	.4	22.3		35.3	31.9	14.6			46.6	717
	19-21												
	21-23												
TOTALS			12.7	.5	23.2		35.5	41.5	7.8	.0	.0	49.3	3038

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1715 HUNEFELT AAF GF 75-84 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-23												
	3-25												
	6-78		9.2	.8	13.1		72.6	66.9	1.2			68.1	747
	12-11		9.7	.8	15.2		74.1	55.1	9.3			64.4	755
	17-14		9.1	.1	13.2		72.1	35.0	72.2			57.2	712
	18-17	.1	8.6		14.6		72.0	27.7	74.0			51.7	687
	18-21												
	21-23												
TOTALS		.2	8.9	.4	14.1		72.7	46.2	14.2			60.4	2901

CLIMATOCLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

WEATHER CONDITIONS

7715
STATION

WHELFEL AAF OF
STATION NAME

74-87

YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS 1-24	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MA -	0-2												
	3-26												
	6-24		14.5		9.5		23.2	57.8	5.6			62.8	863
	9-11		15.5		9.3		23.2	34.1	21.1			55.3	870
	12-14	.1	13.6	.1	5.4	.1	18.5	16.2	29.4			45.6	827
	15-17	.1	13.4		4.6		17.6	10.1	31.7			41.7	796
	18-2												
	21-23												
TOTALS		.1	14.3	.0	7.2	.0	20.6	29.6	21.8			51.4	3356

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1715 HOFENFELS AAF GE 74-83 APP
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
APR	00-02												
	03-05												
	06-08	.1	14.5		8.2		21.6	52.5	12.6			65.1	857
	09-11		16.6		6.4		21.5	15.9	34.6			50.5	861
	12-14	.2	18.7		6.4		23.6	4.3	27.6			31.9	861
	15-17	.7	15.6		5.6		20.0	5.2	24.5			29.8	867
	18-20												
	21-23												
TOTALS		.3	16.4		6.6		21.7	19.5	24.8			44.3	3439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

WEATHER CONDITIONS

77.5 HOFENFELS AAF GF 74-83 MAY
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.
MAY	00-05												
	06-11												
	12-17		15.2		.2		15.2	43.7	18.3			62.1	871
	18-23	.1	12.5		.2	.1	12.9	10.8	76.3			39.2	886
	24-29	1.1	14.9			.3	15.2	2.1	20.0			72.2	888
	30-31	2.1	14.3				14.3	1.2	15.8			17.0	886
TOTALS		.8	14.2		.1	.1	14.3	14.5	20.6			35.1	3531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION 1715 Hohenfels AAF GF 74-83 JUN
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	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01-07												
	08-14												
	15-21	.3	13.9				13.9	41.9	26.5			62.4	968
	22-28		12.9				12.9	9.1	30.9			40.1	866
	29-30	2.2	12.7				12.7	2.1	20.6			22.6	975
	01-07	3.1	1.2				10.2	3.1	19.2			22.3	971
	08-14												
	15-21												
	22-28												
	29-30												
	01-07												
	08-14												
	15-21												
	22-28												
	29-30												
TOTALS		1.4	12.4				12.4	14.1	22.6			36.9	3480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17715 HUGHENFELS AAF GF 74-83 JUL
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	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	7-02												
	7-05												
	6-08	.5	14.9				14.9	38.8	74.4			63.2	859
	9-11	.2	14.9				14.8	7.5	35.5			43.1	889
	12-14	1.7	14.3				14.3	3.9	74.4			28.3	891
	15-17	2.8	17.0				17.0	2.7	71.6			24.3	955
	18-20												
	21-23												
TOTALS		1.3	15.3				15.3	13.2	76.5			39.7	3494

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

107715
STATION

HOFENFELS AAF GE
STATION NAME

74-83

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02												
	03-05												
	06-08	.5	10.0				10.0	59.7	16.1			75.8	880
	09-11		11.2				11.2	17.0	43.4			60.4	899
	12-14	1.0	10.6				10.6	2.8	38.1			40.9	905
	15-17	2.4	12.3				12.3	1.9	30.5			32.4	876
	18-20												
	21-23												
TOTALS		1.0	11.0				11.0	20.4	32.0			52.4	3560

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17715 HOFENFELS AAF GE 74-83 SEP
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	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-01												
	02-05												
	06-08		11.3				11.3	71.2	4.4			75.6	827
	09-11	.1	10.8				10.8	28.0	33.1			61.1	876
	12-14	.5	9.9				9.9	7.5	39.2			46.7	876
	15-17	1.1	9.3				9.3	5.5	34.3			39.9	837
	18-2												
	21-23												
TOTALS		.4	10.3				10.3	28.1	27.8			55.8	3402

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/HAC

WEATHER CONDITIONS

7719 HOHENFELS AAF GE 74-83 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	00-05												
	6-15												
	16-25		19.3		.7		19.6	66.8	3.6			70.4	822
	26-31		17.7		.5		17.7	44.6	14.9			59.5	837
	12-14		16.4		.4		16.4	21.7	29.3			51.0	779
	15-17		17.3		.4		17.5	16.0	32.0			48.0	750
	18-20												
	21-23												
TOTALS			17.7		.5		17.8	37.3	20.0			57.2	3181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17715 HOFENFELS AAF GF 74-83 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02												
	03-05												
	06-08	.1	15.2	.1	8.2		23.3	61.6	.4			62.0	756
	09-11		17.6		10.0		26.7	49.3	6.4			55.7	769
	12-14		16.0		7.2	.1	22.9	32.6	15.6			48.2	720
	15-17		17.2		8.9		24.8	33.3	15.9			49.2	693
	18-20												
	21-23												
TOTALS		.0	16.5	.0	8.6	.0	24.4	44.2	9.6			53.8	2938

WEATHER CONDITIONS

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	10-22												
	23-35												
	6-25		14.8	.7	16.2		30.8	53.0	1.4			54.4	737
	26-31		13.3	.4	17.9		31.2	44.3	5.7			49.7	757
	12-14		15.4	.6	15.8		30.3	33.5	11.5			45.0	702
	15-17		17.2	.3	11.2		28.1	35.5	13.0	.3		48.8	671
	18-2												
	21-23												
TOTALS			15.2	.5	15.3		30.1	41.5	7.9	.1		49.5	2852

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1975 HOFENFELS AAF GF 74-84 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		12.7	.5	23.2		35.5	41.5	7.8	.2	.0	49.3	3038
FEB		.0	8.9	.4	14.0		22.7	46.2	14.2			60.4	2901
MAR		.1	14.3	.0	7.2	.0	20.6	29.6	21.8			51.0	3356
APR		.3	16.4		6.6		21.7	19.5	24.8			44.3	3439
MAY		.8	14.2		.1	.1	14.3	14.5	20.6			35.1	3531
JUN		1.4	12.4				12.4	14.1	22.8			36.9	3480
JUL		1.3	15.3				15.3	13.2	26.5			39.7	3494
AUG		1.0	11.0				11.0	20.4	32.0			52.4	3560
SEP		.4	10.3				10.3	28.1	27.8			55.8	3402
OCT			17.7		.5		17.8	37.3	20.0			57.2	3181
NOV		.7	16.5	.0	8.6	.0	24.4	44.2	9.6			53.8	2938
DEC			15.2	.5	15.3		30.1	41.5	7.9	.1		49.5	2852
TOTALS		.4	13.7	.1	6.3	.0	19.7	29.2	19.7	.0	.0	48.8	39172

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 715 HOFENFELS AAF GE STATION NAME 75-84 YEARS JAN
 CLASS ALL WEATHER MONTH JAN
 HOURS (L.S.T.) 0600-2000
 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	1.1	.1										1.3	2.5
NNE	.7	.3										.5	3.8
NE	.9	.3										1.1	2.7
ENE	.7	.4										1.1	2.7
E	.5	.6										1.3	3.3
ESE	.7	1.0										3.3	2.9
SE	4.7	1.8	.9									7.0	3.6
SSE	2.5	.9										3.4	2.9
S	1.3	1.0	.1									2.9	3.0
SSW	2.7	1.5	.9	.3								5.3	4.6
SW	1.7	2.2	1.4		.7							5.5	5.7
WSW	2.9	3.3	2.7	.4	.1							8.8	5.6
W	2.5	3.4	7.1	2.4	1.0							16.5	8.2
WNW	1.7	1.8	2.7	1.3	.1							6.9	6.9
NW	2.0	.8	.6	.4	.1							3.9	5.4
NNW	2.4	.3										2.7	2.3
VARBL		.1	.3	.5								.9	1.4
CALM												27.6	
	37.4	19.7	15.5	5.2	1.7							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 715 HOFENFELS AAF GE STATION NAME 75-84 YEARS JAN 1975
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 - 53	≥ 54	%	MEAN WIND SPEED
N	.2	.1										1.0	2.1
NNE	.4	.3										1.0	3.0
NE	.9	.5										1.3	2.9
ENE	.9	1.7	.1									2.0	4.2
E	1.6	.4										2.0	2.6
ESE	2.5	1.4	.4									4.3	3.5
SE	4.1	3.0	.5	.1								8.7	3.6
SSE	4.1	1.5	.7									5.3	3.2
S	2.1	1.4										3.5	3.1
SSW	1.7	2.5	1.4									5.4	5.1
SW	.7	2.3	2.7	.1	.1							6.6	5.6
WSW	.1	2.1	2.5	.1								5.9	6.2
W	1.9	2.8	5.1	4.0	1.1	.1						16.0	9.3
WNW	1.4	1.9	3.7	1.7								7.4	6.9
NW	1.4	.6	.4	.1								2.9	4.0
NNW	1.7	.9	.4	.3								2.8	4.8
VARBL		.1	.2				.1					.5	13.5
CALM												23.1	
	22.3	22.9	17.4	5.8	1.3	.1	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 10715 WOMENFELS AAF GE STATION NAME 75-84 YEARS JAN
MONTH 12 9-1400
TIME (L.S.T.)
ALL WEATHER
CLIM
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	.2	.5										1.5	3.5
NNE	1.2	.4										1.6	2.8
NE	1.1	.5										1.9	3.1
ENE	.2	1.5										2.4	3.9
E	.7	1.2	.3									2.2	4.1
ESE	1.4	2.0										5.4	3.1
SE	5.1	4.2	.4									9.7	3.3
SSE	2.7	2.8	.3									5.8	3.8
S	2.4	2.4	.1									5.0	3.8
SSW	1.2	2.4	1.9	.1								5.7	5.5
SW	.3	2.7	1.6	.1								5.3	5.9
WSW	1.3	3.8	4.3	.9	.3							11.1	7.0
W	.0	3.1	6.1	1.9	.8							12.8	8.5
WNW	.9	1.1	3.1	1.2		.3						6.6	8.7
NW	.7	1.6	2.7	.3	.1							4.7	7.0
NNW	.7	.5	.3	.3								1.8	5.2
VARBL			.5	.3								.8	1.5
CALM												15.9	
	25.7	30.9	20.9	5.1	1.2	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

107715 HJHNFELS AAF GF 75-84 JAN
STATION STATION NAME YEARS
ALL WEATHER
CLAS
500-1700
MOON (L E F)

SPEED (KNTS) DIR.	1 - 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									2.4	3.4
NNE	.7	.8										1.5	3.7
NE	1.1	.4										1.5	3.0
ENE	.9	1.0										1.8	3.4
E	1.7	.9	.1									2.6	3.4
ESE	2.2	1.7	.1									3.3	3.1
SE	6.3	3.1	.9									9.8	3.3
SSE	1.1	1.1										6.1	2.8
S	2.5	2.0	.3									4.7	3.5
SSW	2.5	2.0	1.3									5.9	4.4
SW	2.4	3.3	1.5	.1								7.4	4.4
WSW	1.4	4.5	1.5	.3								7.7	5.3
W	2.0	4.3	5.4	2.0	.4	.3	.3					14.6	8.2
WNW	.5	3.3	1.4	.6	.1							6.0	6.3
NW	1.2	1.1	2.0	.4								4.5	6.7
NNW	.9	.4	.4									1.7	4.2
VARBL			.1									.1	10.0
CALM												18.3	
	32.6	29.8	14.8	3.3	.6	.3	.3					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1715 HOFENFELD AAF GE 75-84 JAN 1975
STATION STATION NAME YEARS MONTH
ALL WEATHER ALL
CLAS HOUSE (L.S.V.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.4	.2									1.5	3.4
NNE	.6	.4										1.1	3.3
NE	1.1	.4										1.4	3.0
ENE	.2	1.0	.7									1.8	3.7
E	1.2	.9	.1									2.0	3.4
ESE	2.4	1.3	.1									4.1	3.2
SE	5.2	3.0	.6	.0								8.8	3.5
SSE	3.6	1.6	.1									5.3	3.2
S	2.2	1.7	.1									4.0	3.4
SSW	2.0	2.1	1.3	.1								5.6	4.9
SW	1.7	2.6	1.6	.1	.1							6.2	5.5
WSW	1.3	3.4	2.6	.4	.1							9.3	6.1
W	1.9	3.4	6.2	2.6	.9	.1	.1					15.5	8.6
WNW	1.2	2.0	2.4	1.0	.1	.1						6.7	7.2
NW	1.4	1.0	1.2	.3	.1							4.0	5.8
NNW	1.3	.5	.3	.1								2.2	4.0
VARBL		.1	.3	.2			.0					.6	11.1
CALM												21.4	
	29.5	25.6	17.1	4.9	1.2	.2	.1					100.1	4.3

TOTAL NUMBER OF OBSERVATIONS 3038

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 177715 HOHENFELS AAF GE YEARS 75-84 FE8
DATE 1600-0800
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	.9										3.6	2.5
NNE	1.5	1.5	.1									3.1	3.5
NE	1.5	.9	.7									2.8	3.5
ENE	.5	.9										1.5	4.3
E	1.5	.8	.1									2.4	3.3
ESE	2.2	.9										3.9	2.8
SE	1.3	2.4	.3									5.5	3.6
SSE	1.6	.9	.7									2.8	3.5
S	3.7	1.6		.1								5.5	2.9
SSW	1.3	.9										2.3	3.3
SW	.5	1.6	.5									2.7	5.3
WSW	1.2	1.9	.9									4.3	5.0
W	2.7	2.3	1.7	.1								6.2	5.2
WNW	2.5	2.5	.9									5.4	4.0
NW	2.0	1.2	.7	.1								5.2	3.6
NNW	5.7	1.7										6.7	2.7
VARBL			.4	.7								1.1	12.4
CALM												36.3	
	33.9	22.6	6.2	1.1								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

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

1715 HOFENFELS AAF GE 75-84 FEB
STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CORRECTION
1970-1970
MOON (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.3										3.8	4.9
NNE	1.7	2.0	.7									4.2	4.4
NE	1.7	2.1	.8									3.7	4.1
ENE	.7	2.4	.5									4.2	4.7
E	1.4	1.9	.9									4.4	4.5
ESE	1.7	2.6	.5									6.5	3.7
SE	4.4	2.6	.4									7.4	3.4
SSE	2.6	3.3	.7									5.2	4.1
S	2.3	1.6	.7									5.2	3.3
SSW	1.1	.9	.3									2.3	4.0
SW	.3	1.5	1.7									3.4	5.6
WSW	.9	2.5	.0									4.4	5.2
W	1.9	2.9	2.5	.8								7.7	5.8
WNW	.5	1.5	.8	.1								3.0	5.5
NW	1.2	1.2	.8	.1	.4							3.7	6.4
NNW	1.3	1.2	.1									3.6	3.3
VARBL			.5	.5								1.1	11.6
CALM												25.4	
	29.9	32.1	11.0	1.2	.4							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 10715 HOFENFELS AAF GE STATION NAME YEARS 75-84 MONTH FEB
ALL WEATHER CLASS 1700-1800 HOURS (C.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 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	1.7	.1									2.9	3.5
NNE	1.4	3.4	1.7									6.5	5.2
NE	2.1	3.4	1.5									7.0	4.8
ENE	1.7	4.4	1.0									7.0	4.7
E	2.2	3.1	1.5									6.9	4.8
ESE	3.4	3.4	.8									8.0	4.0
SE	4.5	3.5	1.3									9.8	3.9
SSE	5.2	3.2	1.7									9.4	3.6
S	2.2	2.7	.4									6.0	3.7
SSW	1.4	1.3	.6	.1								3.4	4.6
SW	.8	.8	1.3									2.9	5.5
WSW	1.0	2.2	1.1	.1								4.5	5.3
W	1.4	2.4	2.9	1.0								7.7	6.9
WNW	.6	1.4	1.7	1.0								4.6	7.9
NW	.8	.8	1.4	.4	.3							3.8	7.8
NNW	.1	1.0	.1									1.3	5.3
VARBL		.1	.7	.8								1.7	10.3
CALM												6.9	
	31.5	38.5	19.2	3.5	.3							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 712

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 10715 STATION NAME HOFENFEL AAF GE YEARS 75-84 MONTH FEB DATE 15-0-1700
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.5	.7									5.7	3.7
NNE	3.5	4.3	1.7									8.9	4.1
NE	7.0	2.9	2.0									6.8	5.3
ENE	2.0	4.1	1.7									7.4	4.7
E	2.5	1.5	1.2									5.1	4.4
ESE	2.3	2.9	.4									5.7	3.9
SE	4.9	3.9	.5									9.5	3.8
SSE	4.1	2.9										7.0	3.1
S	3.5	1.6	.7									5.4	3.2
SSW	.9	1.2	.1	.1								2.3	4.8
SW	1.5	1.5	.7	.3								3.9	5.1
WSW	2.2	1.5	.4									4.1	3.9
W	1.7	2.8	1.7	.7								7.2	6.0
WNW	.6	1.5	2.0	.3								4.4	6.9
NW	.6	.9	1.3	.7								3.5	7.2
NNW	1.7	.4	.4									2.6	3.6
VARBL			.1	.6								.7	13.0
CALM												10.0	
	37.1	36.0	14.1	2.5								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

17715 HOFENFELS AAF GE 75-94 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
ALL
MONTH (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.4	.1									4.0	3.2
NNE	1.2	2.7	.9									5.5	4.8
NE	1.2	2.3	1.0									5.0	4.6
ENE	1.1	3.0	.7									5.0	4.7
E	1.2	1.8	.9									4.7	4.8
ESE	1.0	2.6	.4									6.0	3.7
SE	4.2	3.1	.6									7.8	3.7
SSE	3.3	2.6	.4									6.3	3.6
S	3.4	1.9	.2	.0								5.5	3.3
SSW	1.2	1.1	.2	.1								2.6	4.2
SW	.9	1.3	.9	.1								3.2	5.8
WSW	1.3	2.0	.9	.2								4.2	4.9
W	1.9	2.6	2.2	.6								7.1	6.0
WNW	1.1	1.6	1.3	.3								4.3	6.0
NW	1.4	1.2	1.2	.3	.2							4.0	6.0
NNW	2.3	1.1	.2									3.6	3.3
VARBL		.1	.4	.7								1.1	11.5
CALM												20.0	
	33.1	32.1	12.5	2.1	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

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

SURFACE WINDS

1975 MOHENTZ AAF GE 74-81 MAR
STATION STATION NAME YEAR MONTH
ALL WEATHER
CLASS
0600-0800
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	.9	.2									3.6	3.2
NNE	.7	1.5	.3									2.5	4.6
NE	.5	.9	.3									1.7	4.7
ENE	.7	.6	.3									1.5	3.9
E	1.2	.3	.1									1.6	3.1
ESE	.7	.6										1.3	3.1
SE	2.5	1.6										4.2	3.1
SSE	1.7	.6	.1									1.7	3.1
S	1.7	1.4	.1									2.5	3.7
SSW	1.5	1.9	.9									4.3	4.6
SW	1.5	3.5	.9	.1								6.5	4.9
WSW	2.3	3.2	1.2	.2								7.0	4.9
W	3.9	4.3	1.4	.7								11.3	4.8
WNW	1.4	1.9	2.0	.5								5.7	6.7
NW	3.2	1.3	.9	.2								5.7	4.1
NNW	6.3	1.2	.2									7.6	2.7
VARB			.1		.1							.2	12.5
CALM												32.4	
	30.9	25.5	9.3	1.7	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

107715 HOFENFELS AAF GE 74-83 YEAR 1980-1980
STATION NAME MAP DATE
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	.7	1.3	1.1									3.1	5.8
NNE	1.5	2.3	.9									4.7	8.8
NW	.9	1.7	.9									3.6	5.2
ENE	1.4	2.6	.9									4.9	8.8
E	2.3	1.5	.7									4.5	3.8
ESE	2.4	2.2	.7									5.5	3.9
SE	3.2	3.6	1.0									7.8	4.1
SSE	2.0	2.1	.5									4.5	8.0
S	2.1	1.5	.5									4.0	3.8
SSW	1.4	2.8	1.7									5.5	5.8
SW	.5	2.6	2.1									5.2	6.2
WSW	.7	4.1	2.6	.5								7.9	6.3
W	.9	4.3	5.5	1.3	.1							12.1	7.7
WNW	.6	1.5	2.0	1.1								5.6	8.2
NW	.2	.9	1.3	.2								2.6	7.2
NNW	.9	1.4	.1									2.5	4.3
VARBL		.2	.0	.3								1.8	9.8
CALM												14.5	
	21.7	36.2	29.0	3.8	.1							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17715 HOFENFELS AAF GE 74-83 MAR
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1700-1800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.9	.5									3.8	4.6
NNE	1.7	2.3	1.1	.2								4.6	5.4
NE	.5	2.1	1.1	.1								3.7	6.1
ENE	1.5	1.7	1.7	.2								4.4	4.9
E	2.4	2.7	1.1									6.2	4.4
ESE	2.1	3.1	.6									5.8	4.4
SE	1.5	2.8	.8									5.2	4.4
SSE	1.7	3.3	1.1									6.3	4.9
S	1.9	4.7	.8									7.5	4.7
SSW	.9	3.0	2.1	.2								6.2	6.0
SW	1.7	2.4	2.9	.5								6.7	6.5
WSW	1.2	3.7	4.7	.2								9.9	6.8
W	.5	3.3	6.3	1.9								11.9	8.1
WNW	.6	1.1	4.0	1.0								6.7	8.1
NW	.4	1.2	1.8	.4								3.7	7.1
NNW	.6	1.7	.4	.4	.1							3.1	6.5
VARB			1.2	.6	.1							1.9	10.5
CALM												2.9	
	18.6	41.0	31.6	5.7	.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 1775 HOFENFELS AAF GE STATION NAME 74-81 YEARS MAP 1500-1700
DATE 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	2.5	2.1	.4									5.0	3.8
NNE	.6	2.5	1.7	.3								4.4	5.6
NE	1.4	1.5	1.1									4.0	5.0
ENE	.7	2.3	.4	.1								4.8	4.1
E	2.1	1.9	.5									4.5	4.4
ESE	.1	2.5	.4									5.2	3.9
SE	1.2	3.9	.6									5.3	4.5
SSE	2.1	2.9	.8									5.8	4.4
S	.7	2.6	.5									5.2	4.5
SSW	.2	2.8	1.3									4.8	5.3
SW	.5	4.4	2.1	.3								6.9	6.1
WSW	1.1	4.4	2.5	.5								8.7	6.1
W	1.1	4.2	6.2	1.0	.3							13.3	7.2
WNW	.1	2.4	4.4	1.1								8.2	8.7
NW	.2	1.8	1.1	.1								3.9	5.9
NNW	.2	2.7	.3									3.4	4.6
VARBL		.1	1.5	.4								2.4	9.1
CALM												4.3	
	22.9	43.7	25.1	3.8	.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 0715 HUFENFELS AAF GE STATION NAME 74-93 YEARS MAR MONTH
ALL WEATHER CLASS ALL MOSES (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.5	.5									3.8	4.2
NNE	.9	2.1	.9	.1								4.1	5.2
NE	.9	1.5	.9	.7								3.2	5.3
ENE	1.4	1.3	.7	.1								3.9	4.5
E	.9	1.6	.5									4.2	4.5
ESE	1.9	2.1	.4									4.4	4.6
SE	2.3	2.9	.4									5.9	4.1
SSE	1.7	2.2	.7									4.5	4.3
S	1.8	2.5	.5									4.9	4.3
SSW	.1	2.5	1.5	.1								5.2	5.4
SW	.0	3.1	2.7	.2								6.2	5.9
WSW	1.7	3.3	2.7	.4								8.3	6.1
W	1.7	4.1	4.2	1.2	.1							11.9	7.0
WNW	.2	1.6	3.2	.9								6.5	7.6
NW	1.2	1.7	1.3	.2								4.0	5.8
NNW	2.1	1.5	.3	.1	.7							4.1	4.0
VARBL		.1	.9	.3	.1							1.4	9.8
CALM												13.8	
	23.5	36.4	22.3	3.6	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3356

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1715 HEMFELS AAF GE STATION NAME 74-82 YEARS ADD
CLASS ALL WE 2 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	5.2	2.3	.4									8.5	3.3
NNE	1.7	2.1	.7									4.1	4.3
NE	.7	2.4	.9									2.5	4.7
ENE	.7	.8	.1									1.6	3.9
E	.2	.5	.1									1.5	3.2
ESE	.1	.4										1.4	2.8
SE	.1	.9										2.5	3.0
SSE	1.4	.6										.2	2.6
S	2.7	.5										3.2	2.5
SSW	1.7	.9	.5	.2								2.8	4.8
SW	1.2	1.1	1.7									3.5	5.0
WSW	1.4	2.3	.9									5.1	4.7
W	2.7	3.3	2.7	.6		.1						9.3	5.8
WNW	2.1	2.5	1.2	.1	.1							5.5	5.1
NW	3.7	2.1	.7	.1	.1							6.8	4.2
NNW	7.2	4.3	.5	.1								12.6	3.5
VARBL			.5									.5	8.8
CALM												26.5	
	35.2	25.8	10.3	1.2	.2	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 857

FEDERAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 1715 HCHENFELS AAF GF STATION NAME 74-83 YEAR APR MONTH 933-1126 NUMBER (L & F)

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 - 53	≥ 54	%	MEAN WIND SPEED
N	2.2	3.5	1.7	.1								7.1	4.8
NNE	1.0	4.5	1.2									2.2	5.0
NE	1.7	2.7	1.3	.1								5.3	5.2
ENE	1.2	3.7	1.7	.2								6.3	5.4
E	1.5	3.1	2.2									6.9	5.4
ESE	1.5	3.0	1.4									5.9	5.1
SE	1.5	2.9	1.5									6.0	4.9
SSE	1.4	1.6	.1									3.1	3.8
S	1.0	1.2	.6									2.8	4.3
SSW	1.0	1.0	.2									2.9	4.5
SW	.9	2.7	1.4									4.9	5.5
WSW	1.6	3.4	2.4									7.4	5.6
W	.9	3.3	4.5	.9		.1						9.7	7.4
WNW	.1	2.2	2.6	.6		.1						5.8	7.4
NW	.7	1.5	1.4	.7	.1							4.4	7.1
NNW	1.5	2.1	1.0	.1								5.6	5.4
VARBL			3.3									3.3	8.2
CALM												5.3	
	20.2	42.4	29.1	2.8	.1	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 860

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 7715 HCHENFELS AAF GF STATION NAME YEARS 74-83 MONTHS APR
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	4.6	1.6									7.9	5.3
NNE	.9	4.2	2.3	.1								7.5	5.6
NE	.2	2.1	1.5									4.8	5.4
ENE	1.5	3.1	2.3									7.1	5.8
E	1.3	3.0	1.4									6.6	5.2
ESE	.7	1.9	1.4									4.2	5.7
SE	.7	2.6	1.2	.1								4.6	5.6
SSE	.7	2.4	.7									3.8	5.2
S	1.1	1.7	.1									2.9	4.1
SSW	.5	2.3	1.5	.1								4.1	5.7
SW	.2	1.7	1.3	.6								4.5	6.4
WSW	1.1	3.8	1.9	.1	.1							7.0	5.9
W	.7	4.2	3.5	1.3								9.6	7.1
WNW	.7	2.3	2.6	1.5	.2	.1						7.8	8.8
NW	.9	2.1	2.5	.2								5.0	6.3
NNW	.8	1.6	1.6	.5								4.5	6.8
VARBL			4.5	.1								4.6	8.6
CALM												3.7	
	15.3	44.6	31.2	4.6	.1	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 715 HEMFELS AAF GE STATION NAME 74-83 YEARS APP MONTH 1500-1700 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.4	1.3									6.6	4.8
NNE	1.3	4.1	1.9									7.4	5.3
NE	1.6	2.9	2.7	.2								6.4	5.9
ENE	1.5	1.4	1.5									4.5	5.1
E	1.7	2.6	1.7									5.3	4.8
ESE	1.3	2.8	1.9	.1								6.0	5.5
SE	1.4	2.2	1.7									4.8	5.0
SSE	.9	1.5	.7									3.1	4.7
S	1.3	1.6	.5									3.5	4.2
SSW	1.7	2.7	.5	.1								3.6	4.7
SW	.5	2.1	1.7									3.8	5.6
WSW	.3	3.7	1.6	.3								5.3	6.4
W	.7	4.4	4.1	.9	.3							10.5	7.3
WNW	.9	2.2	5.7	.1	.1							8.4	7.2
NW	.5	1.4	2.1	.3	.2							4.7	7.5
NNW	1.7	2.4	2.1	.3								6.6	5.8
VARB	.1	.3	3.4	.6								4.9	8.5
CALM												4.4	
	19.0	40.3	32.4	3.1	.7							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 860

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 1715 HCHENFELS AAF GE STATION NAME 74-83 YEARS APP 00078
ALL WEATHER CLASS ALL MONTH (C.Y.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.2	3.5	1.1	.0								7.6	4.6
NNE	1.3	3.7	1.5	.0								6.6	5.2
NE	1.0	2.3	1.7	.1								8.7	5.8
ENE	1.7	2.7	1.3	.1								4.9	5.2
E	1.4	2.5	1.2									5.1	5.6
ESE	.1	2.0	1.2	.0								4.8	5.2
SE	1.3	2.2	1.0	.0								4.5	4.9
SSE	.2	1.5	.4									3.1	4.3
S	1.5	1.3	.3									3.1	3.8
SSW	.2	1.5	.7	.1								3.3	5.0
SW	.9	1.9	1.3	.1								4.2	5.6
WSW	1.1	3.3	1.7	.1	.2							6.2	5.7
W	1.2	3.2	3.7	.9	.1	.1						9.8	6.9
WNW	1.7	2.2	2.8	.6	.1	.1						6.8	7.1
NW	1.5	1.7	1.5	.3	.1							5.2	6.1
NNW	2.9	2.6	1.6	.3								7.3	4.8
VARBL	.7	.1	3.0	.2								3.3	8.8
CALM												10.0	
	22.5	38.3	25.8	2.9	.3	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

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

SURFACE WINDS

STATION 1715 STATION NAME HOHENFELS AAF GE YEARS 74-83 MONTH MAY
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	3.3	2.2										6.5	3.0
NNE	2.1	2.2	.7	.1								4.7	4.4
NE	1.4	2.0	.8									4.1	4.6
ENE	.9	1.5	.3									2.8	4.4
E	2.2	.2	.1									2.5	2.5
ESE	2.6	1.0	.1	.1								3.9	3.3
SE	1.0	.9	.1									4.0	2.7
SSE	1.4	.8										2.2	2.9
S	2.2	.7	.1									3.0	3.1
SSW	1.7	1.7	.1									2.9	4.0
SW	1.7	2.6	.5									4.1	4.7
WSW	1.5	1.4	.5	.1								3.6	4.5
W	2.6	3.2	1.4	.5								7.7	5.2
WNW	2.2	2.8	.7									5.6	4.2
NW	1.0	1.5	.2									4.7	3.5
NNW	1.4	1.4										6.8	2.5
VARB.			.1									.1	7.0
CALM												31.3	
	36.2	25.9	5.9	.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 871

REGIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

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

SURFACE WINDS

STATION 715 HOMERFIELD AFB GE STATION NAME 74-81 YEARS MAY
CLASS ALL WEATHER 0900-1800
CONDITION 0000-1800

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	.5									3.2	4.3
NNE	1.5	2.9	1.9	.5								6.2	5.8
NE	1.4	1.7	2.7	.3								5.8	6.2
ENE	1.4	3.2	.8	.5								5.8	5.5
E	1.7	2.3	1.2									6.2	4.6
ESE	3.5	4.1	2.1									9.8	4.6
SE	2.7	3.0	1.8									7.1	5.0
SSE	1.5	2.5	.3									4.3	4.3
S	1.1	2.3	.3									3.7	4.3
SSW	1.4	2.1	.8									4.3	4.8
SW	.8	1.5	1.8									4.1	6.0
WSW	.9	2.5	1.9	.2								5.9	5.9
W	1.6	5.3	3.5	.5								10.8	6.0
WNW	.6	3.3	2.0									5.9	5.9
NW	.9	2.1	.6									3.5	4.6
NNW	1.5	2.1	.3									4.0	4.2
VARB		.1	.7	.7								1.5	9.6
CALM												8.9	
	21.3	43.3	22.1	2.6								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1715 HEMFELS AAF GE 74-83 MAY
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	1.1	2.4	1.1									4.6	5.0
NNE	1.5	3.0	1.6	.2								6.3	5.6
NE	.9	1.1	1.8	.5								4.3	6.4
ENE	.9	1.5	1.1	.3								3.7	6.2
E	1.7	2.5	1.4	.2								5.7	5.0
ESE	1.4	3.9	2.1	.1								7.4	5.2
SE	1.4	3.2	1.7	.2								6.4	5.6
SSE	.9	3.7	1.1									5.6	5.2
S	1.4	2.4	.8									4.5	4.5
SSW	.9	2.7	.9	.1								4.4	5.3
SW	.7	1.8	1.6	.2								4.3	6.1
WSW	1.0	3.7	1.9	.1								7.1	5.5
W	.6	5.7	3.7	.6								9.8	6.4
WNW	1.1	4.7	3.3	.6								9.7	6.1
NW	1.2	2.3	.9	.1								4.5	5.3
NNW	1.1	2.9	.5									4.6	4.7
VARBL			2.7	.6								3.3	8.9
CALM												3.7	
	17.7	46.6	28.2	3.8								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17715 HAHNFELS AAF GF 74-83 MAY
STATION STATION NAME YEAR
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.6	1.2									5.0	4.5
NNE	1.2	4.3	1.4	.1								6.9	5.3
NE	1.5	2.6	2.6	.9								7.7	6.8
ENE	.7	1.5	2.1	.1								4.4	6.2
E	.9	1.5	.9	.1								3.3	5.0
ESE	1.7	2.9	1.7									5.6	4.9
SE	1.4	2.5	2.3	.3								6.9	5.7
SSE	1.4	1.4	.7									3.4	4.6
S	2.4	2.4	.5									4.9	4.0
SSW	1.2	2.4	.7									4.3	4.5
SW	.9	2.1	.9	.1								4.7	5.4
WSW	1.2	2.5	1.6	.1								5.4	5.5
W	1.7	3.4	4.5	.1								10.5	6.7
WNW	.3	4.3	4.7	.3	.1							1.3	6.8
NW	1.2	2.5	1.2	.1	.1							5.4	5.8
NNW	1.2	3.3	1.4	.1								5.8	5.3
VARBL			1.0	.8								1.8	10.5
CALM												5.8	
	21.2	45.9	28.6	4.1	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 7715 HOFENFELS AAF GE STATION NAME 74-83 YEAR MAY
CLASS ALL WEATHER MONTH ALL
CONDITION ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.9	.7									4.7	4.1
NNE	1.5	3.1	1.2	.2								6.2	5.2
NE	1.7	1.7	1.4	.4								5.2	6.2
ENE	.9	1.9	1.1	.2								4.2	5.6
E	1.4	1.9	.9	.1								4.4	4.5
ESE	2.3	3.0	1.4	.1								6.7	4.7
SE	2.1	2.4	1.5	.1								6.1	5.0
SSE	1.2	2.1	.5									3.9	4.5
S	1.7	1.9	.4									4.0	4.0
SSW	1.1	2.2	.6	.7								4.0	4.7
SW	.4	2.0	1.2	.1								4.1	5.6
WSW	1.7	2.5	1.5	.1								5.4	5.5
W	1.6	4.2	3.3	.6								9.7	6.1
WNW	1.2	3.8	2.7	.2	.0							7.9	6.0
NW	1.5	2.1	.7	.1	.0							4.4	4.8
NNW	2.2	2.4	.6	.0								5.3	4.1
VARBL		.0	1.1	.5								1.7	9.5
CALM												12.3	
	24.4	39.1	21.2	2.8	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

7715 HONOLULU AAF GE 74-83 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0600-0800
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	4.4	1.8	.3									6.6	3.0
NNE	1.3	1.4	.1									2.9	3.5
NE	.9	.9										1.8	3.1
ENE	.8	.5										1.3	2.9
E	1.4	.5										1.8	2.7
ESE	1.5	.6	.1									2.2	2.8
SE	1.5	.8										2.3	2.8
SSE	2.3	.5	.1									2.9	2.8
S	1.7	.6	.1									2.4	2.6
SSW	.6	1.7	.2									1.8	4.4
SW	.7	1.4	.5									2.5	4.8
WSW	2.7	2.5	.7									5.2	4.6
W	3.1	5.4	3.3	.1								12.0	5.2
WNW	1.3	4.2	2.8	.2								8.9	5.5
NW	2.5	2.4	1.3	.1								6.3	4.5
NNW	5.7	1.8	.8									7.6	3.3
VARL			.2	.2								.5	11.3
CALM												31.0	
	31.6	26.2	10.6	.7								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 868

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 1715 HCHENFEL AAF GE 74-83 YEARS JUN 1980
STATION NAME
ALL WEATHER CLASS
CONDITION
1980-1980
MOON (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.4	.9									5.0	4.6
NNE	1.5	2.5	.9									5.3	4.8
NE	1.2	1.5	.3									3.6	4.0
ENE	1.3	1.5										2.8	3.7
E	2.3	2.3	.5									5.1	3.9
ESE	2.2	2.7	.3									5.9	3.9
SE	2.4	4.	.3									6.8	4.2
SSE	2.2	1.7	.1									4.7	3.5
S	1.5	2.1	.3									4.7	3.7
SSW	1.5	1.7	.6									3.8	4.3
SW	.9	1.7	.5									3.2	4.8
WSW	2.1	4.8	2.8	.1								9.8	5.9
W	1.4	4.5	5.5	1.2								12.6	6.9
WNW	1.0	3.5	3.6	.5								8.5	6.6
NW	1.4	2.4	1.8	.3								6.2	6.0
NNW	1.3	2.7	.7	.1								4.7	5.0
VARBL			2.2	.5								2.7	9.9
CALM												6.0	
	27.4	42.5	21.5	2.7								100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 866

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1715 1715 AAF GE 74-83 1111
STATION STATION NAME YEAR MONTH
ALL WEATHER 1200-1800
CLASS HOUR (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	1.1									5.5	5.0
NNE	0.8	3.8	1.1									5.8	5.3
NE	0.7	0.7	0.1	0.1								1.6	4.8
ENE	0.5	2.1	0.5									3.1	4.9
E	1.5	3.0	0.1									4.6	3.9
ESE	0.6	2.9	0.8									4.2	4.9
SE	1.1	3.2	0.5	0.1								5.0	4.8
SSE	1.3	2.0										4.1	4.4
S	1.3	2.0	0.1									4.2	4.1
SSW	1.0	2.6	1.0									4.7	5.4
SW	0.8	2.3	1.3									4.3	5.7
WSW	1.5	3.0	2.1	0.3								7.0	5.6
W	1.5	5.9	7.3	0.3								15.2	6.7
WNW	1.1	3.7	4.5	0.7	0.1							11.1	7.0
NW	1.0	3.1	1.5	0.3								6.2	5.7
NNW	1.0	3.8	1.0	0.1								6.6	5.1
VARBL			2.9	1.3	0.1							4.2	10.4
CALM												3.5	
	18.1	48.8	26.1	3.3	0.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 875

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 715 STATION NAME WICHENFELS AAF GE YEARS 74-83 MONTH JUN
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.0	1.7									5.9	4.8
NNE	1.1	3.0	1.6									5.7	5.2
NE	.7	2.2	.5									3.3	4.8
ENE	.2	.8	.6	.1								2.4	4.8
E	.7	2.2	.1									4.2	3.8
ESE	.1	1.4	.1									2.8	4.4
SE	1.4	2.0	.7									4.0	4.5
SSE	.2	1.1	.2									2.2	4.1
S	.2	2.1	.1									3.1	4.1
SSW	.2	2.2	.3	.1								3.4	4.8
SW	.2	2.4	1.1									5.4	4.7
WSW	.1	.4	1.4	.1								7.6	4.7
W	.2	5.4	4.9	.6								13.8	6.0
WNW	2.5	4.7	7.1	.2								13.9	6.2
NW	1.4	3.8	3.3	.3								8.8	6.1
NNW	1.4	3.2	.9	.1								5.6	5.0
VARBL			2.7	.7								2.6	9.8
CALM												5.2	
	23.3	42.7	26.5	2.3								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 871

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 7.5 H. HENEFEL AAF GE STATION NAME YEARS 78-83
ALL WEATHER CLIM
CONDITION
JUN 1983
ALL 11 HOURS (L.S.V.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.5	.9									5.7	4.3
NNE	1.2	2.8	1.2									4.9	4.8
NE	.7	1.3	.2	.5								2.4	4.2
ENE	.9	1.2	.3	.5								2.4	4.2
E	1.8	2.2	.2									3.9	3.7
ESE	1.5	1.9	.4									3.8	4.1
SE	1.6	2.5	.4	.5								4.5	4.2
SSE	1.7	1.6	.1									3.5	3.7
S	1.4	1.9	.2									3.8	3.8
SSW	1.8	1.9	.5	.5								3.4	4.8
SW	1.1	2.7	.9									3.9	5.0
WSW	1.7	3.6	1.7	.1								7.4	5.1
W	2.2	5.3	5.3	.5								13.8	6.2
WNW	1.5	3.8	4.5	.4	.5							11.3	6.8
NW	1.6	2.9	2.0	.3								6.8	5.8
NNW	2.3	2.9	.9	.1								6.1	4.5
VARBL			1.0	.7	.5							2.5	10.0
CALM												11.4	
	25.1	4.1	21.2	2.2	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

1715 1715 HOFENFEL AAF GF 74-93 1001
STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	3.3	1.2										5.0	2.6
NNE	.3	.6	.1									1.0	4.0
NE	.7	.2										.9	2.8
ENE	1.1	.9										1.9	3.1
E	1.4	.2										1.6	2.3
ESE	1.7	.1										1.4	2.5
SE	1.7	.3	.7									2.3	2.7
SSE	1.4	.6										2.0	2.9
S	1.1	1.1	.1									2.2	3.7
SSW	1.2	1.1	.3									2.6	3.9
SW	1.7	1.6	.3									3.3	4.2
WSW	2.4	3.6	1.2	.1								7.3	4.5
W	4.4	6.4	3.3									14.1	4.9
WNW	1.1	2.8	3.1									9.0	5.1
NW	2.6	1.7	1.0	.1								5.5	4.2
NNW	4.0	2.2	.7									7.7	3.4
VARBL			.7									.2	6.5
CALM												32.0	
	32.6	24.6	10.6	.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17.5 HCHENFELS AAF GF STATION NAME 74-83 YEARS ALL
CLIM 1960-1980
HOURS (LST) ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.4	.6									5.2	3.7
NNE	1.3	2.2	.2									3.8	4.1
NE	1.7	1.7	.1									2.1	3.8
ENE	2.2	1.9	.1									4.2	3.4
E	2.5	1.9	.4									4.8	3.6
ESE	4.2	2.1										6.3	3.1
SE	1.2	1.5	.7									3.8	4.7
SSE	2.7	1.6										3.6	3.2
S	1.7	1.9	.4									4.0	4.2
SSW	.3	2.5	.9									4.2	5.2
SW	.9	2.0	1.1									4.0	4.8
WSW	1.3	4.9	2.8									9.1	5.7
W	2.7	7.4	6.4	.8								16.6	6.8
WNW	1.5	3.9	5.6	.2								11.4	6.6
NW	.4	2.2	2.0	.6								5.1	6.5
NNW	.9	2.7	1.1									4.6	5.2
VARB		.1	.9	.3								1.3	9.5
CALM												6.2	
	26.3	42.1	23.5	1.9								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 2715 HCHENFEL AAF GF STATION NAME 74-83 YEARS JUL
ALL WEATHER CLASS 17.0-1400
 CONDITION NOON (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.5	.2									3.3	3.9
NNE	2.9	2.0	.4									4.8	3.9
NE	.2	.6	.2									1.6	4.0
ENE	1.7	1.7	.9									4.3	4.6
E	1.9	2.4	.2									4.4	4.0
ESE	2.1	1.2	.1									3.5	3.5
SE	.7	1.5	.2									2.9	4.6
SSE	1.7	2.4	.1									4.2	3.8
S	1.3	1.3	.6									3.3	4.5
SSW	.2	1.7	.7	.1								3.4	5.4
SW	.2	1.2	1.7									3.5	5.5
WSW	1.2	4.2	3.5									8.9	6.0
W	1.9	7.1	6.6	.9								16.5	6.5
WNW	1.7	6.3	7.1	1.0	.1							16.2	6.7
NW	.9	3.3	3.7	.6								8.4	6.6
NNW	.6	3.7	1.8	.2								5.6	6.1
VARBL	.2	2.4	.2	.1								2.9	8.6
CALM												3.1	
	22.1	41.4	10.1	3.0	.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17.5 HCHENFELS AAF GE STATION NAME 78-83 YEARS 111 MONTHS
CLASS ALL WEATHER HOURS (L.S.T.) 15,0-1700
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	1.5	2.3	1.1									5.0	4.7
NNE	.3	1.4	1.2	.1								3.5	5.4
NE	.7	1.2	.1									2.2	3.7
ENE	.7	2.0	.2									2.9	4.4
E	1.5	1.3	.1									2.9	3.6
ESE	1.4	1.2	.1									3.4	4.1
SE	.7	1.9	.1									2.9	4.2
SSE	1.5	1.4	.2									3.2	3.8
S	1.5	1.4	.2									3.2	3.6
SSW	1.1	1.8	.7									3.5	4.4
SW	.7	1.9	1.6									4.4	5.5
WSW	1.0	3.6	2.3	.1								4.4	5.5
W	1.5	7.0	6.1	.5								15.2	6.3
WNW	1.1	6.1	6.9	.6								14.6	6.7
NW	.2	5.6	3.2	.1								9.7	6.0
NNW	1.0	4.2	2.3									8.1	5.5
VARBL			1.2	.8								2.0	4.8
CALM												5.3	
	19.9	44.9	27.7	2.2								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 155

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

1715 HOFENFELS AAF GE 74-83 JUL
STATION MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	1.9	.5									4.6	3.7
NNE	1.2	1.6	.5	.0								3.3	4.3
NE	.9	.7	.1									1.7	3.7
ENE	1.4	1.6	.7									2.3	4.0
E	1.8	1.5	.2									3.5	3.6
ESE	2.3	1.3	.1									3.7	3.4
SE	1.1	1.3	.3									2.7	4.1
SSE	1.7	1.5	.1									3.2	3.5
S	1.4	1.4	.3									3.2	4.0
SSW	1.0	1.7	.7	.0								3.4	4.8
SW	1.0	1.7	1.1									3.8	5.0
WSW	1.7	4.1	2.5	.1								8.3	5.5
W	2.5	7.0	5.6	.5								15.6	6.1
WNW	1.9	4.8	5.7	.5	.0							12.8	6.4
NW	1.2	3.1	2.5	.3								7.2	5.9
NNW	1.9	3.0	1.5	.1								6.5	5.0
VARBL		.1	1.2	.3	.0							1.6	9.2
CALM												11.5	
	25.2	38.3	23.0	1.9	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3499

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

SURFACE WINDS

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

107715 HCHENFELS AAF GE 78-83 AUG
STATION MONTH YEAR
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	1.4	.1									5.1	2.9
NNE	.2	1.0	.1									1.9	3.8
NE	.2	.1	.1									.6	3.8
ENE	.9	.3	.1									1.3	3.3
E	1.1	.5										1.6	2.5
ESE	1.1	.9	.1									2.1	3.3
SE	.3	.2										1.0	2.7
SSE	1.5	.2										1.7	2.3
S	1.4	.3	.2									1.9	2.9
SSW	1.1	.5										1.6	2.9
SW	1.1	.9	.1									2.1	3.3
WSW	2.1	1.1	.1									3.3	3.3
W	5.7	4.2	1.3	.1								10.6	3.9
WNW	3.2	3.3	1.1	.1								7.6	4.3
NW	3.5	2.4	.9	.1								6.8	4.2
NNW	4.9	1.1										6.1	2.6
VABSL													
CALM												44.8	
	32.3	18.5	4.1	.3								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

STATION 17715 STATION NAME HOHENFELS AAF GF YEARS 74-83 MONTH AUG
ALL WEATHER
 CLASS
 CONDITION

1900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.9	.1									5.0	3.9
NNE	2.3	2.7	.3									4.7	3.8
NE	1.2	.6	.7									2.7	3.5
ENE	2.2	2.0	.3									4.6	3.9
E	5.0	4.1	.3									9.5	3.4
ESE	4.1	3.3	.7									8.1	3.7
SE	2.7	3.7	.7									7.0	4.2
SSE	2.3	1.6	.1									4.0	3.4
S	1.4	.9	.2									2.6	3.3
SSW	1.2	1.8	.2									3.2	4.2
SW	1.4	2.2	.7									3.9	4.7
WSW	2.6	3.4	1.1									7.1	4.4
W	1.9	5.3	2.7	.6								10.5	5.4
WNW	1.9	3.1	2.7	.3								8.0	6.0
NW	1.7	2.2	1.7	.1								5.0	5.8
NNW	.9	1.3	.3									2.6	4.1
VARB		.1	.4	.2								.8	8.7
CALM												10.9	
	34.5	40.5	12.9	1.2								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

107715 HCHENFELS AAF GF 74-83 AUC
STATION STATION NAME YEARS MONTH
ALL WEATHER 12-0-1400
CLAS HOURS (L.S.T.)
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	1.9	2.7	.4									4.9	4.2
NNE	1.3	2.9	.8									4.9	4.6
NE	.9	.7	.7									2.2	4.7
ENE	1.3	2.2	.6									4.5	4.2
E	1.1	2.9	.9	.1								7.0	4.3
ESE	2.5	3.1	.9									6.4	4.2
SE	.9	3.9	.9									5.6	5.0
SSE	2.9	2.8	.3									5.9	3.8
S	2.2	2.3	.2									4.8	3.9
SSW	1.5	2.3	.2	.1								4.2	4.4
SW	1.1	1.1	.1	.2								2.5	4.6
WSW	1.2	2.3	2.5									6.7	5.3
W	2.3	4.9	4.4	.3								11.8	6.2
WNW	.7	4.6	4.9	.4								10.6	6.9
NW	.4	2.4	2.5	.1								5.5	6.2
NNW	1.7	2.0	.7									4.3	4.1
VARBL			1.7	.3								1.3	4.8
CALM												6.7	
	26.9	42.8	21.9	1.7								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/HAC

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

SURFACE WINDS

STATION 107715 HOFENFELS AAF GE STATION NAME 74-83 YEARS AUG MONTH 1500-1700
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.7	1.0									6.1	4.3
NNE	1.3	2.3	.7									4.8	4.4
NE	1.4	1.6	.2									3.2	4.0
ENE	1.3	2.2	.3	.1								3.9	4.5
E	2.4	3.3	.8									6.5	4.3
ESE	1.9	3.6	.5									6.0	4.3
SE	1.1	2.1	.3									3.6	4.0
SSE	2.2	1.9	.1									4.2	3.5
S	.0	1.4	.3									2.6	4.0
SSW	1.1	1.7	.3									3.2	4.2
SW	1.1	2.1	.5									3.7	4.4
WSW	2.2	3.0	1.5	.1								6.8	4.9
W	1.4	6.3	3.6	.6								11.8	6.1
WNW	2.4	6.6	4.6	.2		.1						14.0	6.0
NW	.7	3.4	2.3	.2								6.6	6.1
NNW	2.5	2.5	.7									5.7	4.2
VARBL			1.0									1.0	8.3
CALM												6.3	
	26.8	46.7	18.8	1.3		.1						120.0	4.6

TOTAL NUMBER OF OBSERVATIONS 873

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17715 HCHENFELS AAF GF STATION NAME 74-83 YEARS 1977
ALL WEATHER CLASS ALL
 CONDITION NOV 80 (L.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.4	.8									5.3	3.8
NNE	1.6	2.7	.5									4.1	4.2
NE	1.1	.7	.3									2.2	4.0
ENE	1.5	1.7	.3	.0								3.6	4.1
E	2.9	2.7	.5	.0								6.2	3.8
ESE	2.4	2.7	.5									5.7	4.0
SE	1.4	2.5	.5									4.3	4.3
SSE	2.2	1.6	.1									4.0	3.4
S	1.2	1.2	.3									3.0	3.6
SSW	1.7	1.6	.2	.0								3.1	4.1
SW	1.1	1.5	.3	.1								3.0	4.8
WSW	2.2	2.5	1.7	.7								6.0	4.6
W	2.6	5.1	3.0	.4								11.2	5.5
WNW	2.0	4.4	3.3	.3		.0						15.0	5.9
NW	1.4	2.6	1.9	.1								6.0	5.5
NNW	2.5	1.7	.4									4.6	3.6
VARBL		.7	.6	.1								.8	4.6
CALM												17.1	
	30.1	37.2	14.5	1.1		.0						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 3554

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17715 MOENFELS AAF GE STATION NAME 74-83 YEARS SEP MONTH 1600-0800 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	4.0	1.5	.1									5.6	2.8
NNE	1.2	.1										1.3	1.9
NE	.2											.2	2.0
ENE	.4	.2										.6	2.8
E	.9											.9	2.4
ESE	1.2	.2										1.5	2.4
SE	2.4	.2										2.7	2.6
SSE	1.1	.5										1.6	2.5
S	2.2	.9	.4									3.4	3.1
SSW	1.3	1.1										2.4	3.3
SW	1.5	1.3	.6									3.4	4.2
WSW	1.8	2.2	1.7									5.0	4.7
W	2.4	2.6	1.8	.1								7.9	5.1
WNW	2.4	2.9	2.2	.4								7.9	5.3
NW	3.7	1.7	.4									4.8	3.0
NNW	1.7	.6	.1									4.4	2.6
VARBL													
CALM												48.0	
	29.5	15.4	6.6	.5								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 715 HOFENFEL AAF GF STATION NAME 74-83 YEARS SEP 2000
CLASS ALL WEATHER
HOURS (L E V.) 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	1.5	.8									4.1	4.0
NNE	.7	1.3	.1									2.3	3.8
NE	1.7	.7	.3									2.7	3.6
ENE	1.7	1.3	.3									3.3	3.8
E	1.3	1.5	.2									5.0	3.0
ESE	4.3	3.3	.7									8.1	3.5
SE	3.7	4.6	.5	.1								8.8	4.0
SSE	2.4	3.2	.7									5.9	4.0
S	2.4	1.7	1.3									5.4	4.5
SSW	1.9	1.8	.6									4.2	4.2
SW	.7	2.1	1.9									4.7	5.8
WSW	.1	3.4	2.4	.1								8.1	5.5
W	1.6	3.4	3.0	.5								8.4	6.3
WNW	.6	2.5	3.2	.2								6.5	6.8
NW	1.1	1.1	1.3									3.5	5.2
NNW	1.4	.9	.6									2.7	3.9
VARBL			.7	.1								.8	8.7
CALM												15.5	
	31.5	34.1	17.8	1.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 7715 HOFENFELS AAF GE YEARS 74-83 SFP SEP
STATION NAME ALL WEATHER MONTH 12-0-1400
CLIM CLIM HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1-3	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	.5									3.4	4.1
NNE	1.7	2.1	.7									3.4	4.1
NE	1.7	1.6	.1									2.3	4.0
ENE	1.1	1.4										2.5	3.6
E	2.3	2.1	.7									4.0	3.5
ESE	2.2	2.9	.5									6.3	3.8
SE	1.7	3.7	.9									7.1	4.0
SSE	2.2	3.1	.9									7.1	4.0
S	1.9	4.1	1.0									7.0	4.7
SSW	1.7	2.4	1.4	.1								5.8	4.8
SW	.9	1.3	1.9	.1								6.1	5.7
WSW	1.4	3.9	3.1	.1								8.7	5.9
W	.9	5.7	1.9	.6								10.3	6.5
WNW	1.7	3.7	3.5	.9								9.1	6.2
NW	.9	2.2	1.7	.2								4.9	6.0
NNW	.7	1.3	.3									2.3	4.7
VARBL			1.7	.5								2.2	9.0
CALM												7.1	
	26.1	42.4	21.9	2.5								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 1715 HAHNFEELS AAF GE STATION NAME 74-83 YEARS SEP MONTH 15-0-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	.2									3.3	3.6
NNE	.6	1.4										2.1	4.1
NE	1.5	1.8	.5									4.1	4.3
ENE	1.5	1.7	.1									3.4	3.5
E	1.1	.6										3.7	2.6
ESE	2.5	2.2	.1									4.8	3.5
SE	2.4	3.4	.4									6.1	3.9
SSE	3.5	3.1	.5									7.1	3.8
S	2.2	2.2	1.5									6.6	4.5
SSW	1.4	1.7	.6									3.7	4.3
SW	1.7	2.3	1.2	.1								5.3	4.9
WSW	1.4	3.5	1.2	.2								7.1	5.5
W	2.7	4.8	4.6	.7								12.8	6.1
WNW	1.7	4.6	3.1	.6								9.9	6.1
NW	1.0	3.6	1.4									7.1	4.8
NNW	1.4	1.2	.8									4.1	4.8
VARBL			.0		.1							.5	10.0
CALM												9.2	
	31.7	4.6	16.7	1.7	.1							110.0	4.3

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1975 HCHENFELS AAF GE 74-83 SEP
STATION MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.3	.4									4.1	3.5
NNE	.9	1.2	.1									2.3	3.7
NE	1.2	.9	.7									2.3	3.9
ENE	1.2	1.1	.1									2.5	3.6
E	2.4	1.1	.1									3.6	3.0
ESE	2.4	2.2	.7									5.2	3.5
SE	2.9	2.8	.4	.7								6.2	3.8
SSE	2.5	2.5	.4									5.5	3.8
S	2.1	2.4	.9									5.5	4.3
SSW	1.5	1.8	.6	.7								4.1	4.3
SW	1.1	2.3	1.4	.1								4.9	5.2
WSW	1.7	3.3	2.1	.1								7.2	5.5
W	1.9	4.7	3.3	.5								9.6	6.1
WNW	1.4	3.4	3.7	.5								8.3	6.3
NW	1.7	2.0	1.2	.1								5.4	4.8
NNW	1.7	1.1	.5									3.3	3.8
VARBL			.7	.1	.7							.9	9.1
CALM												19.6	
	29.7	33.3	15.9	1.4	.0							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 3402

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 107715 Hohenfels AAF GE 74-83 YEAR OCT 6:00-0800
STATION NAME ALL WEATHER CLAS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	.6										4.4	2.3
NNE	2.2	.7	.1									3.0	2.8
NE	1.5	1.0										2.4	3.8
ENE	.7	.7										1.5	3.8
E	1.5	.2										1.7	2.3
ESE	2.7	.6	.1									3.4	2.8
SE	1.7	1.7	.5									3.3	3.9
SSE	1.9	.4										2.3	2.5
S	2.5	1.0										3.5	2.8
SSW	1.6	2.3	.7	.2								4.9	5.1
SW	1.2	1.9	1.6	.2								5.0	5.5
WSW	2.2	2.9	1.2	.1								6.4	4.8
W	3.9	2.4	1.2									7.4	4.0
WNW	1.7	2.3	.2	.1								4.4	4.8
NW	2.7	1.0	.2									3.9	3.0
NNW	4.0	.5	.2									4.7	2.6
VARBL			.4	.2	.1							.7	10.7
CALM												37.0	
	35.6	19.6	6.7	1.0	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

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

SURFACE WINDS

1715 STATION NAME MOHNFELS AAF GE YEARS 74-83 MONTH OCT
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	1.7	1.2										2.5	3.8
NNE	2.2	1.4	.6									4.2	4.1
NE	1.9	1.1	.4									3.3	3.8
ENE	1.3	1.8	.4									4.0	3.9
E	2.5	.7	.6									3.9	3.5
ESE	2.5	3.0										5.5	3.9
SE	3.4	3.9	.7									8.0	4.0
SSE	2.9	2.0	.4									5.2	3.5
S	4.3	1.9	.5									5.7	3.6
SSW	1.9	1.3	.4	.1								4.2	4.8
SW	1.4	2.8	1.7	.1								6.0	5.4
WSW	2.2	2.7	2.4	.2								8.1	5.8
W	2.9	4.3	3.1	.2								10.6	5.4
WNW	.3	1.8	.6	.1								3.4	5.3
NW	1.2	1.1	.4									3.1	4.7
NNW	1.8	1.3	.7									3.4	3.8
VARBL		.1	.4	.2								1.2	9.4
CALM												17.8	
	33.9	32.8	14.5	1.1								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 107715 HUGHENFELD AAF GF STATION NAME 74-83 YEARS 067
ALL WEATHER CLASS 12.0-14.00
CONDITION

SPEED (KNTS) DIR.	1 - 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									3.0	3.6
NNE	2.3	1.3	.4									4.0	3.7
NE	.9	1.4	1.2	.1								3.5	5.6
NNE	1.4	2.7	.5									4.6	4.5
E	2.7	1.7	.6									5.0	3.8
ESE	3.7	4.9	.3									8.9	3.6
SE	4.2	4.2	.9									9.1	4.1
SSE	2.5	2.6	.5									5.6	4.1
S	2.7	2.8										5.1	3.8
SSW	2.2	2.3	.9	.1								5.5	4.5
SW	.9	2.8	2.7	.4								6.8	6.5
WSW	1.2	5.6	3.3	.8								11.9	6.3
W	1.4	3.6	3.6	.9								9.5	6.5
WNW	1.7	1.5	1.3									3.9	5.5
NW	.9	2.1	.4	.3								3.6	5.5
NNW	2.1	1.3	.1	.1								3.6	3.7
VARB			1.1	.3								1.3	10.1
CALM												6.2	
	11.3	41.7	17.8	3.0								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 779

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIP WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 7715 STATION NAME HOHENFELS AAF GF YEARS 74-83 OCT
DATE
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.1	.1									3.5	3.1
NNE	2.1	2.1	.3									4.5	3.7
NE	1.5	1.1	.8									3.3	4.3
ENE	.9	1.7	.9									3.6	5.1
E	3.2	1.5	.3	.1								5.1	3.1
ESE	3.7	2.4										6.1	3.1
SE	3.5	3.1	.7									7.2	3.7
SSE	2.9	2.4										5.3	3.1
S	2.9	1.7	.3									4.9	3.3
SSW	2.7	2.1	.8									4.5	4.0
SW	1.7	2.3	1.7									5.7	5.0
WSW	.9	4.1	2.4	.1								7.6	5.9
W	2.9	3.7	2.7	.3								9.6	5.3
WNW	1.3	3.3	1.9	.1								6.7	5.5
NW	1.9	1.6	.7	.1								4.3	4.6
NNW	2.7	1.1	.3									3.3	3.5
VARB			.5	.3								.8	10.5
CALM												13.9	
	35.9	35.3	13.9	1.1								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 77715 HOFENFELS AAF GF STATION NAME 74-83 YEARS OCT OCT
ALL WEATHER CLIM ALL
CONDITON

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.0	.1									3.3	3.1
NNE	2.2	1.4	.3									3.9	3.6
NE	1.4	1.1	.5	.0								3.1	3.3
ENE	1.2	1.7	.4									3.4	3.3
E	2.5	1.0	.4	.0								3.9	3.3
ESE	2.1	2.7	.1									5.9	3.3
SE	2.1	3.0	.7									6.9	3.9
SSE	2.5	1.8	.2									4.6	3.5
S	2.9	1.8	.2									4.8	3.3
SSW	1.9	2.0	.7	.1								4.8	3.6
SW	1.3	2.5	1.9	.2								5.9	3.6
WSW	1.5	3.9	2.4	.3								8.2	3.8
W	2.3	3.5	2.6	.3								9.3	3.3
WNW	1.2	2.2	1.0	.1								4.5	3.2
NW	1.7	1.4	.5	.1								3.7	3.8
NNW	2.5	1.0	.2	.0								3.8	3.3
VARB		.0	.7	.3	.0							1.0	10.1
CALM												19.0	
	34.2	32.2	13.1	1.5	.0							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 7141

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION NO. 07715 STATION NAME HOHENFELS AAF GE YEARS 74-83 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	2.2	.7	.1									3.0	3.0
NNE	1.7	1.7	.4									3.8	3.7
NE	.5	.8	.5	.1								2.0	5.4
ENE	.1	.1										.3	3.0
E	1.7	.4	.1									2.4	3.0
ESE	2.5	.8										3.3	2.7
SE	3.7	1.3	.1									5.2	3.0
SSE	2.9	1.5	.3									4.6	3.2
S	1.7	1.3	.1									3.2	3.3
SSW	1.6	1.7	.7									4.0	4.0
SW	1.1	4.0	.9									6.0	5.0
WSW	.5	2.5	2.1	.1								5.3	6.3
W	3.6	4.4	2.9	.4	.1							11.4	5.4
WNW	2.6	2.8	2.5	.5	.1							8.6	5.7
NW	2.1	.9	.7	.1								3.8	4.2
NNW	2.2	1.1	.3									3.6	3.4
VARBL			.9	.1	.1							.7	11.4
CALM												29.0	
	31.1	25.9	12.2	1.5	.4							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 756

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

107715 STATION 74-81 NOV 1900-1900
HCHENFELS AAF GE STATION NAME YEARS MONTHS
ALL WEATHER CLIM
CONDITION

SPEED (KNTS) DIR	1 - 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	1.3										4.0	3.8
NNE	1.3	2.0	.9	.1								4.3	4.2
NE	.7	1.7	1.0									2.7	5.5
ENE	.8	.9	.5									2.1	4.6
E	2.3	.9	.7									3.8	2.8
ESE	1.3	.8										4.0	2.6
SE	2.5	1.5										6.0	3.7
SSE	4.6	2.7	.1									7.4	3.8
S	2.5	1.7	.7									4.9	3.7
SSW	1.7	1.6	1.3									4.2	5.8
SW	.9	2.3	1.6									4.7	5.8
WSW	1.7	1.6	2.0	.1								7.4	5.8
W	1.9	4.3	4.2	1.0								11.8	6.5
WNW	2.0	2.9	2.6									7.4	5.4
NW	1.4	1.4	1.2									4.0	5.0
NNW	1.7	1.0										2.7	3.2
VARB			.1	.7								.8	11.7
CALM												17.2	
	30.3	34.3	15.7	2.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 17715 HOFENFELS AAF GE STATION NAME 74-83 YEARS NOV MONTHS 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	.1									5.6	3.6
NNE	1.1	2.2	1.1									4.4	4.8
NE	1.0	1.2	1.0									3.2	5.1
ENE	1.5	.6	1.0	.1								3.2	4.7
E	2.9	1.5	.3									4.7	3.4
ESE	1.7	2.1	.1									6.0	3.2
SE	1.8	3.3	.6									5.7	4.3
SSE	1.7	3.5	.3									5.4	4.1
S	2.6	2.8	.4									5.8	3.8
SSW	.1	2.5	1.0									5.6	4.4
SW	.5	3.1	2.1	.6								6.2	6.9
WSW	2.1	3.5	2.9	.3								8.7	5.7
W	1.1	6.5	4.4	1.2								13.3	6.7
WNW	1.5	1.5	1.7	1.0	.1							5.8	6.8
NW	1.0	2.2	.8	.1								4.2	5.5
NNW	.7	1.9	.1									2.8	4.5
VARBL		.3	1.4	.3								1.9	8.6
CALM												7.4	
	28.6	41.0	19.3	3.6	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

107715 HCHHEEELS AAF GE 74-83 YEARS NOV
STATION NAME
ALL WEATHER CLASS
15:00-1700 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	2.3	2.7										4.3	3.4
NNE	1.4	1.4	1.7									3.9	4.5
NE	1.6	1.4	.7	.4								4.2	5.0
NNE	2.2	.3										2.5	2.0
E	2.7	1.2	.1									4.0	2.9
ESE	2.5	1.4	.4									4.3	3.4
SE	2.9	3.9										6.6	3.6
SSE	2.7	1.6	.1									3.8	3.3
S	4.5	3.9	.1									8.5	3.4
SSW	2.7	2.2	.6									4.8	4.2
SW	1.5	2.5	1.3	.1								5.5	5.0
WSW	1.7	2.6	2.3	.1								6.9	5.6
W	3.0	4.9	3.3	1.9								13.9	6.1
WNW	2.7	2.3	1.7	.4								5.8	5.1
NW	1.2	1.9	.6	.1								3.8	4.9
NNW	1.5	1.9	.4									3.9	4.1
VARBL			.6									.6	9.3
CALM												12.8	
	36.2	35.1	12.7	3.2								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

SURFACE WINDS

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

10/7/15 HOFENFELS AAF GF 74-83 NOV
STATION NAME YEARS
ALL WEATHER
CLASS
ALL
MOON (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	2.3	2.7	.1									4.5	3.5
NNE	1.5	1.8	.7	.1								4.1	4.3
NE	.9	1.1	.8	.1								3.2	5.2
ENE	1.1	.4	.4	.7								2.2	3.8
E	2.5	1.7	.2									3.6	3.0
ESE	1.7	1.3	.1									4.4	3.0
SE	2.7	3.7	.2									5.9	3.6
SSE	2.3	2.3	.2									5.3	3.5
S	2.9	2.3	.3									5.5	3.5
SSW	1.7	2.0	.9									4.6	4.5
SW	1.7	3.0	1.5	.2								5.6	5.6
WSW	1.5	3.1	2.3	.2								7.1	5.7
W	2.5	5.1	3.7	1.1	.0							12.6	6.2
WNW	2.7	2.4	2.7	.5	.1							6.9	5.8
NW	1.4	1.6	.8	.1								3.9	4.9
NNW	1.6	1.5	.2									3.2	3.8
VARBL		.1	.5	.3	.7							1.0	9.8
CALM												16.8	
	31.5	34.7	15.0	2.5	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2938

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION NO. 100715 STATION NAME HOMEFELS AAF GE YEARS 78-83 REF REF
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	1.1	.9	.1									2.1	3.1
NNE	.3	.9										1.6	3.3
NE	.3	1.0										1.8	3.3
ENE	.4	.3										.7	3.4
E	1.5	.7										2.3	2.7
ESE	1.5	1.0										2.6	3.1
SE	4.5	2.6	.1									7.3	3.1
SSE	1.5	2.5	.3									4.7	3.9
S	2.2	1.5	.5									4.2	3.8
SSW	1.5	2.1	1.1									4.7	4.6
SW	.3	3.3	1.6	.1								5.9	5.7
WSW	1.5	2.7	2.5	.1								7.1	5.6
W	2.5	4.0	3.8	1.2								11.5	6.8
WNW	2.2	2.7	2.3	.7								7.9	6.2
NW	1.5	1.2	.9	.1								3.7	4.7
NNW	1.6	1.1	.1	.1								3.0	3.5
VARBL				.5								.5	12.3
CALM												28.4	
	25.0	26.2	13.6	3.0								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 730

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 107715 STATION NAME Hohenfels AAF GE YEARS 74-83 MONTH DEC
CLASS ALL WEATHER HOURS 1980-1970
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	1.1	1.1	.1									2.5	3.7
NNE	1.1	.9										2.0	3.3
NE	1.1	1.1	.7									2.4	3.9
ENE	.2	.4										1.6	2.6
E	.1	1.1										3.2	3.0
ESE	.1	1.1										4.1	2.7
SE	3.5	2.9	.3									6.7	3.5
SSE	1.9	2.3	.4									4.5	4.0
S	7.7	1.9	.1									5.7	3.3
SSW	1.3	2.3	1.2									4.8	4.9
SW	1.3	2.9	2.4									6.7	5.6
WSW	2.4	2.7	3.6	.9								9.6	6.5
W	7.3	4.7	4.1	1.2	.1							13.5	6.1
WNW	1.2	1.9	1.9	.5								6.1	5.8
NW	1.5	.7	1.1	.1								3.3	4.8
NNW	.9	.9										1.6	3.3
VARBL		.1	.5	.4								1.1	9.6
CALM												20.5	
	31.5	28.7	16.0	3.2	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 750

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

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

SURFACE WINDS

STATION 127715 HOHENFELS AAF GS 74-83 YEARS DEC
STATION NAME
CLASS ALL WEATHER
MOUSE (L.S.T.) 1260-1400
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	.1									2.0	4.5
NNE	1.1	1.7	.3									3.1	4.4
NE	2.5	.7	.7									4.0	3.8
ENE	1.1	2.0	.1									3.3	3.7
E	2.1	1.1										3.3	2.8
ESE	2.0	2.1	.1									4.8	3.5
SE	1.2	4.6	.7									9.3	3.9
SSE	2.0	3.7	.4									7.0	3.7
S	1.1	3.1	.6									6.8	3.9
SSW	.9	2.4	1.1									4.6	5.4
SW	1.4	2.8	1.4	.3								6.1	5.6
WSW	1.7	3.7	3.4	.7								9.5	6.4
W	2.3	5.8	5.1	1.9	.1							15.6	6.6
WNW	.6	1.7	1.9	1.4								5.6	7.8
NW	.4	1.2	1.1	.1								2.7	6.3
NNW	1.1	.6										1.9	2.8
VARBL		.1	.3	.1								.6	9.5
CALM												9.7	
	29.2	38.7	17.7	4.6	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 122

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 715 HOFENFEL AAF GE STATION NAME 74-87 YEARS DEC MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5										2.2	3.4
NNE	1.9	1.8										3.6	3.5
NE	1.1	1.0										2.4	3.3
ENE	1.0	.7	.3									2.5	3.5
E	2.4	.7										3.1	2.5
ESE	2.7	1.9										4.6	3.1
SE	4.3	3.7	.4									7.8	3.5
SSE	2.9	3.0	.1									6.0	3.5
S	2.9	1.8	.1									5.8	2.9
SSW	2.4	2.1	1.0									5.5	4.3
SW	2.1	2.8	1.6	.6								7.2	5.4
WSW	2.4	3.4	1.8	.3								7.9	5.2
W	5.4	4.8	4.0	1.5	.4							17.2	6.2
WNW	2.1	2.4	1.5	.6								6.6	5.5
NW	.9	1.2	.4									2.5	4.9
NNW	.7	.9										1.6	3.5
VARBL			.4	.1								.6	8.3
CALM												13.0	
	37.9	32.7	12.8	3.1	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 670

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 1715 HOFENFELS AAF GF STATION NAME 74-83 YEARS DEC
CLASS ALL MOVER (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 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									2.2	3.7
NNE	1.2	1.3	.1									2.6	3.7
NE	1.4	.9	.2									2.6	3.6
ENE	1.1	.8	.1									2.0	3.4
E	2.1	.9										3.1	2.8
ESE	2.5	1.5	.1									4.0	3.1
SE	4.1	3.3	.4									7.7	3.5
SSE	2.3	2.9	.1									5.5	3.8
S	1.2	2.1	.4									5.6	3.5
SSW	1.5	2.2	1.2									4.9	3.8
SW	1.4	3.7	1.8	.2								6.5	5.6
WSW	2.1	3.1	2.0	.5								8.6	6.0
W	3.5	4.8	4.5	1.4	.2							14.4	6.3
WNW	1.7	2.2	1.9	.8								6.6	6.3
NW	1.1	1.7	.9	.1								3.1	5.1
NNW	1.1	.8	.0	.7								2.0	3.3
VARBL		.1	.3	.3								.7	9.9
CALM												18.1	
	31.2	32.0	15.7	3.5	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2852

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

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

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

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

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

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLE FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	5	≥ 4	≥ 3	≥ 2 1/2	2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 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 #1 - Value 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 1.4, obtained by subtracting 97.4 from 100.0.

EXAMPLE #2 - 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."

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NUMBER 77715 STATION NAME Hohenfels AAF GF

75-84

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-7800
HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >160	26 GE9	25 GE8	24 GE6	23 GE48	22 GE4	21 GE32	21 GE24	21 GE20	21 GE16	21 GE12	21 GE10	21 GE8	2516 GE05	21 GE4	20 GE0
20000		4.7	6.1	9.8	11.2	11.3	12.8	13.9	14.7	15.8	15.9	16.5	16.5	16.6	16.8	16.8
18000		5.2	6.7	10.5	11.9	12.1	14.2	15.2	16.1	17.3	17.4	18.0	18.0	18.2	18.3	18.3
16000		5.3	6.9	10.7	12.1	12.2	14.4	15.4	16.3	17.4	17.5	18.2	18.2	18.3	18.4	18.4
14000		5.5	7.1	13.8	12.2	12.3	14.5	15.5	16.4	17.5	17.7	18.3	18.3	18.4	18.6	18.6
12000		6.0	7.5	11.3	12.7	12.8	15.0	16.0	16.9	18.0	18.2	18.8	18.8	18.9	19.1	19.1
10000		6.5	8.0	11.8	13.2	13.3	15.8	16.8	17.7	18.8	18.9	19.6	19.6	19.7	19.8	19.8
9000		6.6	8.1	11.9	13.5	13.6	16.1	17.2	18.0	19.2	19.3	19.9	19.9	20.1	20.2	20.2
8000		7.1	8.8	12.7	14.6	15.1	17.7	18.7	19.6	20.7	20.8	21.5	21.5	21.6	21.7	21.7
7000		7.9	9.8	13.9	15.9	16.4	19.1	20.1	21.0	22.1	22.2	22.9	22.9	23.0	23.1	23.1
6000		7.9	9.8	13.9	15.9	16.4	19.2	20.2	21.1	22.2	22.4	23.0	23.0	23.1	23.3	23.3
5000		8.4	10.4	14.9	17.2	17.5	20.3	21.3	22.2	23.4	23.5	24.1	24.1	24.3	24.4	24.4
4500		8.5	10.7	15.2	17.7	18.2	21.0	22.0	22.9	24.0	24.1	24.8	24.8	24.9	25.0	25.0
4000		8.5	10.7	15.5	18.2	18.7	21.5	22.6	23.5	24.7	24.8	25.4	25.4	25.7	25.8	25.8
3500		8.5	10.9	16.8	19.4	19.9	23.1	24.3	25.2	26.4	26.6	27.2	27.2	27.4	27.6	27.6
3000		10.5	13.9	21.2	25.3	25.9	29.2	30.5	31.4	32.8	32.9	33.5	33.5	33.8	33.9	33.9
2500		11.8	15.1	23.6	28.8	29.6	33.2	34.4	35.3	36.7	36.8	37.5	37.5	37.7	37.9	37.9
2000		14.6	18.4	28.3	34.2	34.9	39.4	40.9	41.8	44.0	44.1	44.7	44.7	45.0	45.1	45.1
1800		15.1	19.6	30.2	36.2	37.0	41.6	43.8	44.7	47.1	47.3	47.9	47.9	48.2	48.3	48.3
1600		16.6	22.7	35.2	42.2	43.1	48.7	52.0	53.0	55.7	55.8	56.4	56.4	56.7	56.8	56.8
1400		17.8	24.4	38.0	46.4	47.4	54.8	58.7	60.0	63.2	63.3	64.0	64.0	64.5	64.7	64.7
1200		18.0	25.4	40.4	49.9	51.3	59.6	64.7	66.5	69.9	70.0	71.4	71.4	71.9	72.0	72.0
1000		18.2	25.5	40.5	50.6	52.0	61.6	67.3	69.3	72.8	72.9	74.3	74.3	75.0	75.1	75.1
900		18.3	25.8	41.4	51.8	53.2	63.8	70.8	72.9	77.6	77.8	79.2	79.2	79.8	79.9	79.9
800		18.3	25.9	41.8	52.2	53.6	64.9	72.7	75.7	81.7	82.2	84.2	84.2	84.5	85.6	85.6
700		18.4	26.0	41.9	52.4	53.7	65.3	73.1	76.1	82.1	82.8	85.0	85.4	86.4	86.5	86.5
600		18.4	26.0	41.9	52.5	53.9	65.4	74.0	77.3	84.1	85.1	87.3	88.2	89.6	89.7	89.7
500		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.0	87.2	90.0	90.7	92.2	92.4	92.4
400		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.1	87.4	90.5	91.4	94.2	94.3	94.3
300		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.1	87.4	90.5	91.9	95.3	96.1	96.2
200		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.1	87.4	90.6	92.1	95.9	97.3	99.1
100		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.1	87.4	90.6	92.1	95.9	97.3	100.0
0		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.1	87.4	90.6	92.1	95.9	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 787

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715
YEAR

MOHENFEL AAF GE
STATION NAME

75-84
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																OP (HUNDREDS OF METERS)													
	GE0	GE2	GE4	GE6	GE8	GE10	GE12	GE14	GE16	GE18	GE20	GE22	GE24	GE26	GE28	GE30	GE0	GE2	GE4	GE6	GE8	GE10	GE12	GE14	GE16	GE18	GE20	GE22	GE24	GE26
10000	5.4	6.4	9.7	11.1	11.2	12.6	14.3	14.9	15.4	15.4	15.7	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
8000	6.7	7.8	11.5	13.3	13.4	14.9	16.9	17.7	18.2	18.2	18.4	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
6000	6.9	8.1	12.0	13.8	13.9	15.4	17.4	18.2	18.7	18.7	18.9	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
4000	7.3	8.5	12.4	14.1	14.3	15.8	17.8	18.6	19.1	19.1	19.3	19.4	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
2000	7.8	9.1	13.0	14.8	14.9	16.4	18.6	19.3	19.8	19.8	20.1	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
1000	8.6	10.0	14.0	15.8	15.9	17.4	19.6	20.3	20.8	20.8	21.1	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
800	8.8	10.2	14.3	16.2	16.3	17.8	19.9	20.7	21.3	21.3	21.6	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
600	11.0	11.9	16.2	18.2	18.3	19.8	22.3	23.2	23.9	23.9	24.1	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
400	10.9	12.8	17.0	19.4	19.7	21.3	23.9	24.7	25.4	25.4	25.9	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
200	11.7	12.9	17.2	19.6	19.8	21.8	24.4	25.3	25.9	25.9	26.4	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
100	11.5	13.5	17.9	20.3	20.6	22.6	25.1	26.0	26.6	26.6	27.1	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
80	11.6	13.6	18.3	20.7	21.0	23.0	25.5	26.4	27.0	27.0	27.5	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
60	12.6	15.2	19.8	22.3	22.6	24.9	27.4	28.5	29.4	29.4	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
40	13.1	15.7	20.8	23.4	23.6	26.3	28.9	31.1	30.9	30.9	31.7	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
20	14.4	17.7	24.7	28.3	28.8	31.8	34.6	35.7	36.7	36.7	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
10	16.2	19.4	26.9	31.7	32.3	35.5	38.3	39.4	40.5	40.5	41.3	41.4	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	41.7	41.7
5	17.7	21.3	29.7	35.4	36.1	39.8	42.8	44.2	45.5	45.5	46.2	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
0	18.3	22.1	30.8	36.6	37.2	41.2	44.2	45.6	46.8	46.8	47.6	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
0	20.7	25.0	35.6	42.6	43.2	47.9	51.9	53.3	54.8	54.8	55.6	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
0	21.8	26.6	38.6	47.2	48.2	53.3	57.6	59.3	61.1	61.1	62.0	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
0	22.7	28.2	40.7	50.6	52.3	58.8	63.5	65.4	67.8	67.9	68.9	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0	23.0	28.4	41.0	51.8	53.4	60.4	65.7	67.7	70.3	70.3	71.6	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
0	23.4	29.7	42.3	53.8	55.4	63.6	69.6	72.3	76.1	76.3	77.4	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
0	23.7	29.4	42.7	55.3	57.2	65.8	73.4	76.9	82.1	82.6	84.6	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
0	23.7	29.4	42.8	55.4	57.3	66.4	74.4	78.4	84.2	84.8	87.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0	23.7	29.4	42.8	55.6	57.6	66.8	75.4	79.8	86.9	87.8	90.3	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
0	23.7	29.4	42.8	55.6	57.6	66.9	75.5	80.1	87.8	88.8	92.0	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
0	23.7	29.5	42.9	55.7	57.7	67.0	75.6	80.2	88.0	89.1	92.6	94.4	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	96.0	96.0	96.0	96.0	96.0
0	23.7	29.5	42.9	55.7	57.7	67.0	75.6	80.2	88.0	89.1	92.6	94.4	96.5	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0	23.7	29.5	42.9	55.7	57.7	67.0	75.6	80.2	88.0	89.1	92.7	94.7	97.2	98.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0	23.7	29.5	42.9	55.7	57.7	67.0	75.6	80.2	88.0	89.1	92.7	94.7	97.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 792

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 HOMERFELS AAF GE

75-84

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-1400

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	>6	5	4	3	2.5	2	1.5	1	.75	.5	.25	.125	.0625	.03125	.015625	.0078125
1000	6.9	7.8	11.7	14.2	14.2	15.5	16.6	17.1	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
800	9.4	10.4	14.8	17.7	17.7	19.1	20.9	21.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
600	9.6	10.5	15.2	18.1	18.1	19.5	21.6	22.5	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
400	9.7	10.6	15.4	18.3	18.3	19.9	22.0	22.9	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
200	9.8	10.8	15.5	18.5	18.5	20.1	22.1	23.0	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
100	10.2	11.3	16.4	19.7	19.7	21.4	23.5	24.4	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
50	10.4	11.5	16.7	19.9	19.9	21.7	24.0	24.9	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
25	11.7	13.5	18.7	22.5	22.5	24.3	26.5	27.5	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
12.5	12.7	14.4	19.7	23.7	23.7	25.5	28.2	29.1	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
6.25	12.7	14.4	19.7	23.7	23.7	25.5	28.3	29.2	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
3.125	13.5	15.5	20.9	24.9	24.9	27.0	29.8	30.7	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
1.5625	13.9	15.9	21.3	25.3	25.3	27.4	30.2	31.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
.78125	14.6	17.0	23.0	27.1	27.1	29.1	31.9	33.4	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
.390625	15.8	18.9	25.2	29.4	29.4	31.4	34.2	35.7	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
.1953125	18.2	21.7	29.2	34.9	35.0	37.2	40.2	41.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
.09765625	20.6	24.3	31.9	37.9	38.0	40.6	43.5	45.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
.048828125	23.9	29.0	36.9	43.5	43.8	47.0	50.3	52.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
.0244140625	24.5	29.7	38.4	45.7	45.3	48.5	51.8	53.5	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2
.01220703125	26.0	30.9	41.9	50.3	50.7	55.1	58.6	60.4	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.2
.006103515625	28.0	33.7	46.2	56.3	56.9	61.7	65.5	67.8	70.6	70.8	71.7	71.7	71.7	71.7	71.7	71.7
.0030517578125	30.9	36.8	50.0	62.7	62.8	69.0	74.0	76.8	80.5	80.6	80.9	81.1	81.3	81.3	81.3	81.3
.00152587890625	31.7	37.9	51.6	64.6	65.8	73.0	78.4	81.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
.000762939453125	31.7	37.9	51.6	66.0	67.3	74.8	81.4	85.6	90.6	90.7	91.2	91.5	91.8	91.8	91.8	91.8
.0003814697265625	31.7	37.9	51.6	66.2	67.4	75.1	82.2	86.7	91.9	92.3	92.9	93.1	93.4	93.4	93.4	93.4
.00019073486328125	31.7	37.9	51.6	66.3	67.5	75.2	82.3	87.1	92.9	93.4	94.5	95.7	95.6	95.6	95.6	95.6
.000095367431640625	31.7	37.9	51.6	66.3	67.5	75.2	82.5	87.2	93.5	94.3	95.8	97.2	97.8	97.8	97.8	97.8
.0000476837158203125	31.7	37.9	51.6	66.3	67.5	75.2	82.5	87.2	93.5	94.5	96.2	97.6	98.7	98.7	99.1	99.1
.00002384185791015625	31.7	37.9	51.6	66.3	67.5	75.2	82.5	87.2	93.5	94.5	96.2	97.6	98.8	99.2	99.9	99.9
.000011920928955078125	31.7	37.9	51.6	66.3	67.5	75.2	82.5	87.2	93.5	94.5	96.2	97.6	98.9	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 HOFENFELS AAF GE

75-84

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

VISIBILITY (STATUTE MILES)	OR (HUNDREDS OF METERS)															
	GE0	GE20	GE40	GE60	GE80	GE100	GE120	GE140	GE160	GE180	GE200	GE220	GE240	GE260	GE280	GE300
1000	9.1	11.9	15.9	18.6	18.6	18.1	19.4	19.4	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
900	11.2	13.9	19.2	21.6	21.6	22.7	23.4	23.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
800	11.2	13.9	19.5	21.9	21.9	22.3	24.0	24.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
700	11.2	13.9	19.5	21.9	21.9	22.3	24.0	24.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
600	11.6	14.8	20.4	22.7	22.7	23.2	24.8	24.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
500	11.9	15.1	20.6	23.0	23.0	23.4	25.1	25.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
400	12.6	15.8	21.5	24.7	24.7	24.4	26.2	26.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
300	12.8	16.0	21.8	24.3	24.3	24.7	26.5	26.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
200	14.5	17.9	23.8	26.9	26.9	27.3	29.6	29.6	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
100	15.2	18.5	25.2	29.7	29.7	29.4	32.2	32.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
50	15.3	18.7	25.4	29.1	29.1	29.6	32.4	32.4	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
20	16.3	19.7	26.4	30.5	30.5	31.2	34.0	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
10	16.3	19.7	26.4	30.5	30.5	31.2	34.0	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
5	17.7	21.2	28.1	32.5	32.5	33.2	36.1	36.1	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
2	18.5	22.3	29.4	33.9	33.9	34.6	37.5	37.5	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
1	21.2	25.4	33.3	37.5	37.5	39.6	40.7	40.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
0.5	23.9	28.2	36.4	43.3	43.3	44.6	47.7	47.7	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
0.2	26.8	31.4	40.3	47.3	47.3	49.5	52.9	52.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
0.1	27.5	32.1	41.7	49.0	49.0	51.2	54.5	54.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
0.05	27.1	31.3	40.5	47.3	47.3	49.5	52.9	52.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
0.02	30.4	36.1	48.7	58.6	58.6	59.1	62.1	62.1	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
0.01	31.9	38.1	51.3	61.9	61.9	63.3	66.4	66.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.005	33.2	39.3	52.6	64.2	64.2	65.8	69.9	69.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
0.002	33.3	39.9	53.1	65.4	65.4	67.2	72.2	72.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.001	33.9	40.6	54.4	67.4	67.4	69.2	74.5	74.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0005	34.2	40.9	54.8	68.2	68.2	70.0	75.5	75.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
0.0002	34.2	40.9	54.8	68.2	68.2	70.0	75.5	75.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
0.0001	34.2	40.9	54.8	68.2	68.2	70.0	75.5	75.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
0.00005	34.2	40.9	54.8	68.2	68.2	70.0	75.5	75.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
0.00002	34.2	40.9	54.8	68.2	68.2	70.0	75.5	75.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
0.00001	34.2	40.9	54.8	68.2	68.2	70.0	75.5	75.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 1715
STATION

HOHENFELS AAF GE

75-84

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
MONTH

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
100	6.5	8.0	11.7	13.5	13.6	14.7	15.9	16.5	17.2	17.2	17.4	17.5	17.5	17.6	17.6	17.6
200	8.1	9.5	13.8	15.9	16.3	17.4	18.9	19.6	20.3	20.4	20.6	20.7	20.7	20.8	20.8	20.8
300	8.1	9.7	14.2	16.3	16.3	17.7	19.4	20.1	20.9	20.9	21.2	21.2	21.3	21.3	21.3	21.3
400	8.3	9.8	14.3	16.4	16.5	17.9	19.6	20.2	21.0	21.0	21.3	21.3	21.4	21.4	21.4	21.4
500	8.4	10.1	14.6	16.7	16.8	18.2	19.9	20.6	21.4	21.4	21.7	21.7	21.8	21.8	21.8	21.8
600	8.4	10.5	15.0	17.1	17.1	18.6	20.3	21.0	21.8	21.8	22.1	22.1	22.2	22.2	22.2	22.2
700	9.4	11.7	15.8	18.0	18.1	19.6	21.4	22.0	22.8	22.8	23.1	23.1	23.2	23.2	23.2	23.2
800	9.6	11.4	16.0	18.3	18.4	19.9	21.8	22.4	23.2	23.3	23.5	23.6	23.6	23.7	23.7	23.7
900	10.7	12.9	17.7	20.4	20.5	22.1	24.1	24.8	25.7	25.7	26.0	26.0	26.1	26.1	26.1	26.1
1000	11.6	13.8	18.8	21.8	22.0	23.7	25.9	26.6	27.5	27.5	27.8	27.9	27.9	28.0	28.0	28.0
1100	11.6	13.8	18.9	21.9	22.1	23.9	26.1	26.8	27.7	27.7	28.1	28.1	28.2	28.2	28.2	28.2
1200	11.3	14.6	19.8	23.0	23.2	25.1	27.4	28.1	29.0	29.0	29.4	29.4	29.5	29.5	29.5	29.5
1300	12.5	14.8	20.1	23.4	23.6	25.5	27.7	28.4	29.5	29.5	29.8	29.9	29.9	30.0	30.0	30.0
1400	13.2	15.9	21.4	24.8	25.4	27.0	29.3	30.4	31.7	31.8	32.2	32.2	32.3	32.3	32.3	32.3
1500	13.9	16.8	22.9	26.3	26.5	28.7	31.0	32.1	33.5	33.5	33.9	33.9	34.0	34.1	34.1	34.1
1600	15.9	19.5	27.0	31.8	32.1	34.6	37.0	38.1	39.7	39.8	40.2	40.2	40.4	40.4	40.4	40.4
1700	17.9	21.6	29.5	35.1	35.5	38.3	40.8	41.9	43.5	43.5	43.9	44.0	44.2	44.2	44.2	44.2
1800	20.5	24.6	33.6	39.9	40.4	43.7	46.5	47.8	49.7	49.8	50.2	50.4	50.5	50.6	50.6	50.6
1900	21.2	25.5	35.1	41.5	42.0	45.4	48.4	49.7	51.7	51.8	52.3	52.4	52.6	52.6	52.6	52.6
2000	22.9	28.3	39.4	47.1	47.7	52.1	55.7	57.1	59.3	59.4	59.9	60.1	60.3	60.3	60.3	60.3
2100	24.3	30.0	42.7	51.9	52.7	57.8	61.8	63.5	66.1	66.2	66.8	67.0	67.2	67.2	67.2	67.2
2200	25.6	31.8	45.3	55.6	56.9	62.9	67.5	69.7	72.9	73.1	73.9	74.2	74.5	74.5	74.5	74.5
2300	26.1	32.3	45.8	56.9	58.3	65.0	70.1	72.3	75.7	75.8	76.7	77.0	77.3	77.3	77.3	77.3
2400	26.4	32.9	46.9	58.7	60.2	68.0	73.9	76.6	80.8	80.9	81.9	82.2	82.6	82.6	82.6	82.6
2500	26.7	33.2	47.4	60.0	61.6	69.9	76.9	80.6	85.8	86.1	87.6	88.1	88.6	88.6	88.6	88.6
2600	26.8	33.3	47.6	60.3	61.8	70.4	77.7	81.7	87.1	87.7	89.3	89.8	90.3	90.4	90.4	90.4
2700	26.8	33.3	47.6	61.4	62.0	70.5	78.3	82.5	88.8	89.5	91.5	92.3	93.0	93.0	93.0	93.0
2800	26.8	33.3	47.6	60.4	62.0	70.7	78.6	82.9	89.7	90.6	93.2	94.5	95.4	95.4	95.4	95.4
2900	26.8	33.3	47.6	60.4	62.1	70.7	78.7	82.9	89.8	90.9	93.6	95.1	96.9	96.9	97.1	97.1
3000	26.8	33.3	47.6	60.4	62.1	70.7	78.7	82.9	89.8	90.9	93.6	95.2	97.3	97.8	98.1	98.1
3100	26.8	33.3	47.6	60.4	62.1	70.7	78.7	82.9	89.8	90.9	93.7	95.3	97.7	98.5	99.6	99.6
3200	26.8	33.3	47.6	60.4	62.1	70.7	78.7	82.9	89.8	90.9	93.7	95.3	97.7	98.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1038

CEILING VERSUS VISIBILITY

FEB

0600-0800

TOTAL NUMBER OF OBSERVATIONS 147

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12715

HOHENFELS AAF GF

75-84

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-1980

		VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
		20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
CEILING	FEET	GE97	GF81	GE54	GE48	GE4	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE0	GE0
1000		1.2	15.2	19.5	24.6	26.7	27.2	28.7	29.3	30.7	31.7	31.4	31.4	31.5	31.5	31.7	
900		12.6	15.9	20.3	25.9	27.2	28.5	30.3	30.9	32.6	32.8	33.2	33.2	33.4	33.4	33.5	
800		12.7	16.7	20.4	26.0	27.3	28.6	30.5	31.0	32.7	33.0	33.4	33.4	33.5	33.5	33.6	
700		12.7	16.2	20.5	26.1	27.4	28.7	30.6	31.1	32.8	33.1	33.5	33.5	33.6	33.6	33.8	
600		12.7	16.2	20.8	26.4	27.7	29.0	30.9	31.4	33.1	33.4	33.8	33.8	33.9	33.9	34.0	
500		12.8	16.3	20.9	26.5	27.8	29.1	31.1	31.7	33.4	33.6	34.0	34.0	34.2	34.2	34.3	
400		13.0	16.4	21.7	27.4	28.7	30.3	32.6	33.1	34.8	35.1	35.5	35.5	35.6	35.6	35.8	
300		13.0	16.8	21.7	27.5	28.9	30.6	32.8	33.4	35.1	35.4	35.9	35.9	36.0	36.0	36.2	
200		13.6	17.5	22.6	28.9	30.2	32.3	34.8	35.8	37.6	37.9	38.4	38.4	38.5	38.5	38.7	
100		14.4	18.5	24.1	31.5	31.8	34.2	36.6	37.6	39.5	39.7	40.3	40.3	40.4	40.4	40.5	
50		14.4	18.5	24.4	30.7	32.1	34.3	36.8	37.9	39.7	40.0	40.5	40.5	40.7	40.7	40.8	
0		14.7	18.8	24.6	31.1	32.5	34.7	37.2	38.3	40.1	40.4	40.9	40.9	41.1	41.1	41.2	
1000		15.0	19.3	25.2	31.7	33.0	35.2	37.7	38.8	40.7	40.9	41.5	41.5	41.6	41.6	41.7	
900		15.1	19.5	25.6	32.7	34.0	36.3	39.2	40.3	42.1	42.4	42.9	42.9	43.0	43.0	43.2	
800		15.4	19.9	26.5	35.1	36.4	38.9	41.9	42.9	44.8	45.0	45.6	45.6	45.7	45.7	45.8	
700		16.7	21.6	29.1	39.3	40.7	43.3	46.8	47.8	49.7	49.9	50.5	50.5	50.6	50.6	50.7	
600		17.5	22.5	30.3	41.9	42.3	44.9	48.7	49.9	51.8	52.1	52.6	52.6	52.7	52.7	52.8	
500		19.1	24.4	32.7	43.8	45.2	48.7	53.0	54.3	56.3	56.6	57.1	57.1	57.2	57.2	57.4	
400		19.3	24.8	33.5	44.6	46.0	49.5	53.8	55.2	57.2	57.5	58.0	58.0	58.1	58.1	58.3	
300		20.1	26.0	35.2	47.5	49.0	53.7	57.4	58.8	60.8	61.1	61.6	61.6	61.7	61.7	61.9	
200		21.4	26.6	36.6	49.8	51.3	56.4	61.5	62.9	65.4	65.7	66.2	66.2	66.4	66.4	66.5	
100		21.5	28.1	38.1	52.5	54.2	60.3	66.5	68.5	71.8	72.1	72.6	72.6	72.7	72.7	72.8	
50		21.5	28.1	38.1	52.6	54.3	61.1	68.1	70.2	73.6	73.9	74.4	74.4	74.6	74.6	74.7	
0		21.7	28.6	38.7	53.6	55.4	63.0	72.5	76.0	79.9	80.4	80.9	80.9	81.1	81.1	81.2	
1000		22.0	28.9	38.9	54.7	55.9	64.1	73.6	78.0	82.3	83.2	84.2	84.4	84.9	84.9	85.0	
900		22.0	28.9	38.9	54.0	55.9	64.2	74.6	78.9	84.4	85.4	87.0	87.3	87.8	87.8	87.9	
800		22.0	28.9	38.9	54.0	55.9	64.6	75.2	79.9	86.6	88.5	90.6	91.3	92.8	92.8	93.0	
700		22.0	28.9	38.9	54.7	55.9	64.6	75.2	79.9	86.8	88.7	91.0	92.1	94.0	94.0	94.4	
600		22.0	28.9	38.9	54.7	55.9	64.6	75.2	79.9	86.9	88.9	91.3	92.5	95.6	95.9	97.1	
500		22.0	28.9	38.9	54.0	55.9	64.6	75.2	79.9	86.9	88.9	91.3	92.7	97.0	97.4	98.7	
400		22.0	28.9	38.9	54.7	55.9	64.6	75.2	79.9	86.9	88.9	91.3	92.7	97.1	98.1	99.9	
300		22.0	28.9	38.9	54.7	55.9	64.6	75.2	79.9	86.9	88.9	91.3	92.7	97.1	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 755

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 1715 HENFELD AAF GE

75-84

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1400

VISIBILITY STATUTE MILES	CEILING (HUNDREDS OF FEET)															
	GE0	GE2	GE4	GE6	GE8	GE10	GE12	GE14	GE16	GE18	GE20	GE22	GE24	GE26	GE28	GE30
1/8	23.7	25.0	28.7	31.7	32.7	34.4	34.8	35.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
1/4	22.8	25.7	29.6	31.0	34.0	35.9	36.2	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
1/2	23.0	26.0	29.9	33.3	34.3	36.1	36.5	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
3/4	23.2	26.1	30.1	33.4	34.4	36.2	36.7	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
1	23.2	26.3	30.2	33.8	34.8	36.7	37.1	37.6	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
1 1/4	23.6	27.1	30.9	34.7	35.7	38.1	38.6	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
1 1/2	23.7	27.1	31.0	35.0	36.0	38.3	38.9	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
1 3/4	24.7	28.4	32.6	37.5	38.6	41.2	42.4	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
2	25.8	29.8	34.3	39.6	41.2	43.8	45.1	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
2 1/4	26.4	30.3	34.8	40.7	42.3	44.9	46.2	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
2 1/2	26.4	31.3	35.0	41.9	42.4	45.1	46.3	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
2 3/4	26.8	31.2	36.2	42.6	44.1	46.8	48.2	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
3	27.8	32.3	37.4	44.1	45.6	48.3	49.7	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
3 1/4	29.8	35.0	40.9	48.7	50.3	53.2	54.6	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
3 1/2	31.0	36.2	42.7	51.3	52.8	56.2	57.6	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
3 3/4	32.6	39.9	46.1	55.8	57.3	61.7	62.5	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
4	33.8	41.3	47.6	58.7	59.6	63.2	64.7	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
4 1/4	36.1	42.9	51.4	62.5	64.0	67.7	69.9	70.5	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1
4 1/2	37.1	44.5	53.2	66.4	68.1	72.3	75.1	75.7	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
4 3/4	37.4	44.8	54.4	68.1	70.1	74.3	77.1	78.2	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
5	37.6	45.1	54.8	68.7	70.6	75.1	78.2	79.5	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0
5 1/4	37.6	45.1	54.8	69.8	72.2	78.5	82.6	84.7	87.1	87.9	88.1	88.1	88.1	88.1	88.1	88.1
5 1/2	37.9	45.5	55.2	70.4	72.8	79.1	83.8	86.2	89.0	89.9	90.4	90.6	90.6	90.6	90.6	90.6
5 3/4	37.9	45.5	55.2	71.4	72.8	79.2	84.6	86.9	91.0	92.0	92.6	92.7	93.0	93.0	93.0	93.0
6	37.9	45.5	55.3	70.6	73.2	80.3	85.7	88.2	92.6	94.2	94.8	95.2	95.6	95.6	95.6	95.6
6 1/4	37.9	45.5	55.3	70.8	73.3	80.5	85.8	88.6	93.1	94.8	95.8	96.6	97.5	97.5	97.5	97.5
6 1/2	37.9	45.5	55.3	71.8	73.3	80.5	85.8	88.6	93.1	94.8	95.8	96.9	98.5	98.6	99.2	99.2
6 3/4	37.9	45.5	55.3	70.8	73.3	80.5	85.8	88.6	93.1	94.8	95.8	97.1	98.9	99.4	100.0	100.0
7	37.9	45.5	55.3	71.8	73.3	80.5	85.8	88.6	93.1	94.8	95.8	97.1	98.9	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 712

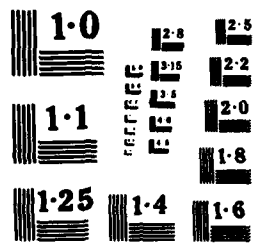
USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

UNCLASSIFIED

HOHENFELS AFB GERMANY LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LISCS)(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. AUG 84
USAFETAC/US 84/025 SRI-AD-E850 753 F/G 4/2

NI

[illegible]



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715

HOFENFELS AAF GF

75-84

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115
10000	25.7	27.2	32.5	35.5	36.0	36.4	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
9000	25.3	29.1	34.8	38.4	38.9	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
8000	26.5	30.4	36.4	40.6	41.0	41.6	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
7000	26.6	30.6	36.5	40.9	41.2	41.9	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
6000	26.8	30.7	36.7	41.2	41.5	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
5000	26.9	30.9	36.8	41.2	41.6	42.4	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
4000	27.1	31.3	37.3	41.9	42.4	43.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
3000	27.5	31.7	37.8	42.8	43.4	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
2000	29.0	33.6	39.9	45.9	46.9	48.3	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
1000	30.1	34.9	41.9	48.3	49.8	52.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
500	31.1	36.0	42.9	49.5	50.9	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
200	31.1	36.0	42.9	49.5	50.9	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
100	32.2	37.1	44.8	51.7	53.1	55.6	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
50	33.5	38.7	46.9	54.1	55.6	58.1	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
20	36.2	42.2	50.7	59.1	60.6	63.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
10	37.8	44.1	53.3	62.9	64.3	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
5	39.0	45.4	55.2	65.4	66.8	69.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
2	39.4	45.9	55.7	65.9	67.4	70.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
1	41.2	47.7	58.1	68.6	70.3	72.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
0.5	41.5	48.0	59.4	70.9	72.6	76.4	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
0.2	41.8	49.3	60.7	72.9	75.0	78.7	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
0.1	41.9	49.5	61.0	73.4	75.5	79.6	82.0	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
0.05	42.1	49.6	61.3	74.5	76.9	81.8	84.9	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
0.02	42.1	49.8	61.6	74.8	77.1	82.4	85.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
0.01	42.2	49.9	61.9	75.1	77.7	83.7	86.9	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
0.005	42.2	49.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.002	42.2	49.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.001	42.2	49.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.0005	42.2	49.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.0002	42.2	49.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.0001	42.2	49.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9

TOTAL NUMBER OF OBSERVATIONS 687

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12715 HOFENFELS AAF GF

75-84

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
20000	16.3	19.8	24.1	27.2	29.0	30.3	31.5	32.1	33.2	33.3	33.6	33.6	33.6	33.6	33.7	
18000	17.1	20.8	25.2	29.6	30.5	31.9	33.2	33.9	35.1	35.2	35.5	35.5	35.5	35.5	35.6	
16000	17.6	21.3	25.9	30.5	31.4	32.9	34.3	34.9	36.1	36.2	36.5	36.5	36.5	36.5	36.6	
14000	17.7	21.4	26.1	30.7	31.6	33.1	34.4	35.1	36.3	36.4	36.7	36.7	36.7	36.7	36.8	
12000	17.8	21.5	26.2	30.9	31.7	33.2	34.6	35.2	36.4	36.5	36.8	36.8	36.8	36.8	37.0	
10000	17.8	21.6	26.3	31.0	31.9	33.4	34.8	35.4	36.6	36.8	37.1	37.1	37.1	37.1	37.2	
8000	18.0	22.0	26.8	31.7	32.6	34.3	35.8	36.5	37.7	37.8	38.1	38.1	38.1	38.1	38.2	
6000	18.1	22.2	27.0	32.0	32.9	34.7	36.2	36.8	38.1	38.2	38.5	38.5	38.5	38.5	38.6	
4000	19.0	23.3	28.3	33.9	35.0	37.1	39.0	39.7	41.0	41.1	41.5	41.5	41.5	41.5	41.6	
2000	19.8	24.4	29.7	35.6	36.9	39.4	41.3	42.1	43.4	43.5	43.9	43.9	43.9	43.9	44.1	
1000	19.8	24.4	29.9	35.7	37.1	39.5	41.5	42.3	43.5	43.6	44.0	44.0	44.1	44.1	44.2	
500	20.3	25.0	30.4	36.5	37.8	40.3	42.3	43.1	44.3	44.5	44.8	44.8	44.9	44.9	45.0	
400	20.4	25.2	30.6	36.8	38.1	40.6	42.6	43.4	44.6	44.7	45.1	45.1	45.2	45.2	45.3	
300	20.9	25.8	31.7	38.2	39.5	42.0	44.2	45.0	46.2	46.4	46.7	46.7	46.8	46.8	46.9	
200	21.6	26.7	32.9	40.0	41.3	44.7	46.2	46.9	48.2	48.3	48.7	48.7	48.7	48.7	48.9	
100	23.5	29.2	36.3	44.7	46.1	48.8	51.2	52.1	53.5	53.7	54.1	54.1	54.2	54.2	54.3	
50	24.4	30.3	38.3	47.3	48.6	51.6	54.1	55.0	56.5	56.6	57.0	57.0	57.1	57.1	57.3	
30	25.8	32.1	40.9	50.7	52.1	55.3	58.2	59.3	61.1	61.3	61.7	61.7	61.7	61.7	61.9	
20	26.3	32.7	41.7	51.7	53.1	56.4	59.4	60.5	62.3	62.5	62.9	62.9	62.9	62.9	63.1	
10	27.7	34.4	43.9	54.9	56.4	60.0	63.4	64.5	66.6	66.8	67.2	67.2	67.3	67.3	67.5	
5	28.2	35.3	45.7	57.8	59.4	64.2	68.1	69.3	71.9	72.1	72.6	72.6	72.7	72.7	72.8	
2	28.6	35.9	46.9	59.6	61.4	66.7	71.2	72.7	75.8	76.1	76.6	76.7	76.7	76.7	76.9	
1	28.7	36.0	47.1	60.0	61.9	67.7	72.6	74.2	77.6	77.9	78.6	78.6	78.7	78.7	78.8	
0	28.9	36.2	47.3	61.0	63.1	70.0	76.2	79.2	83.2	83.8	84.5	84.6	84.7	84.7	84.9	
2000	29.0	36.4	47.5	61.4	63.5	70.7	77.5	80.9	85.4	86.1	87.1	87.2	87.5	87.5	87.8	
1800	29.0	36.4	47.6	61.5	63.6	70.9	78.2	81.7	87.0	87.9	89.2	89.3	89.6	89.6	89.9	
1600	29.0	36.4	47.7	61.6	63.8	71.5	78.9	82.5	88.6	89.9	91.5	92.2	93.1	93.1	93.4	
1400	29.0	36.4	47.7	61.7	63.8	71.5	79.0	82.7	89.0	90.6	92.4	93.5	94.8	94.8	95.2	
1200	29.0	36.4	47.7	61.7	63.9	71.6	79.1	82.8	89.2	90.7	92.6	93.9	96.0	96.2	97.3	
1000	29.0	36.4	47.7	61.7	63.9	71.6	79.1	82.8	89.2	90.8	92.7	94.1	97.0	97.4	98.7	
800	29.0	36.4	47.7	61.7	63.9	71.6	79.1	82.8	89.2	90.8	92.7	94.1	97.1	97.7	99.4	
600	29.0	36.4	47.7	61.7	63.9	71.6	79.1	82.8	89.2	90.8	92.7	94.1	97.1	97.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 2931

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 1715 HOFENFELS AAF GE

74-83

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0070

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	26 GE9	25 GE8	24 GE6	23 GE4	22 GE4	21 GE32	20 GE24	19 GE20	18 GE16	17 GE12	16 GE10	15 GE08	14 GE05	13 GE04	12 GE0
≥20000		8.3	11.1	14.3	18.3	19.2	21.1	22.4	22.8	24.1	24.2	24.6	25.1	25.5	25.6	26.2
≥18000		1.5	13.9	18.2	23.3	24.2	26.1	27.3	27.8	29.8	29.9	30.2	32.9	31.4	31.6	32.4
≥16000		1.7	14.1	18.4	23.5	24.4	26.3	27.6	28.0	30.0	30.1	30.5	31.2	31.6	31.9	32.7
≥14000		1.7	14.1	18.4	23.5	24.4	26.3	27.6	28.0	30.0	30.1	30.5	31.2	31.6	31.9	32.7
≥12000		1.7	14.1	18.4	23.5	24.4	26.3	27.6	28.0	30.0	30.1	30.5	31.2	31.6	31.9	32.7
≥10000		1.7	14.1	18.4	23.5	24.4	26.3	27.6	28.0	30.0	30.1	30.5	31.2	31.6	31.9	32.7
≥8000		1.2	15.4	20.3	25.8	26.8	28.7	30.0	30.6	32.6	32.7	33.0	33.7	34.2	34.4	35.2
≥6000		1.5	15.6	20.6	26.2	27.1	29.1	30.4	30.9	32.9	33.0	33.4	34.1	34.5	34.8	35.6
≥4000		1.2	17.3	22.6	28.4	29.3	31.3	32.8	33.4	35.5	35.6	36.0	36.8	37.4	37.7	38.5
≥2000		13.1	17.5	24.3	31.2	31.2	34.0	35.5	36.2	38.4	38.5	38.9	39.9	40.6	40.8	41.7
≥1000		13.1	17.6	24.4	30.4	31.3	34.1	35.6	36.3	38.5	38.6	39.0	40.0	40.7	40.9	41.8
≥500		13.6	18.4	25.4	31.3	32.3	35.1	36.6	37.3	39.5	39.6	40.1	41.0	41.7	41.9	42.9
≥250		14.6	20.7	27.6	33.6	34.6	37.4	38.9	39.6	41.8	41.9	42.4	43.3	44.0	44.3	45.2
≥150		15.5	21.8	29.9	36.3	37.4	40.4	41.9	42.6	45.1	45.2	45.7	46.6	47.4	47.7	48.7
≥100		16.2	22.7	31.1	37.5	38.7	41.7	43.3	44.0	46.7	46.8	47.3	48.2	49.0	49.4	50.3
≥50		18.2	25.4	35.2	42.4	43.6	47.0	49.5	50.4	53.7	53.8	54.3	55.3	56.1	56.7	57.6
≥25		18.9	26.3	37.8	45.9	47.2	50.6	53.8	54.9	58.4	58.5	59.2	60.1	61.0	61.5	62.5
≥10		21.1	29.9	43.9	49.5	50.9	54.8	58.3	59.6	63.4	63.5	64.2	65.2	66.0	66.6	67.6
≥5		21.6	29.3	41.6	51.3	51.7	56.7	59.4	60.7	64.5	64.7	65.4	66.4	67.2	67.8	68.7
≥2		22.9	31.2	44.7	53.7	55.0	59.6	63.3	64.7	68.7	68.8	69.5	70.6	71.4	72.0	72.9
≥1		23.8	32.7	46.6	56.1	57.6	63.0	67.4	68.8	73.2	73.3	74.0	75.1	75.9	76.5	77.4
≥0		24.1	32.3	46.9	57.7	59.3	65.1	69.8	71.1	75.8	75.9	76.8	78.0	79.0	79.6	80.5
≥0.5		24.1	32.6	47.3	58.1	59.7	65.6	70.3	72.0	77.1	77.2	78.1	79.3	80.3	80.9	81.8
≥0.25		24.1	32.7	47.6	58.9	60.8	67.0	72.2	74.7	80.8	80.9	81.8	83.0	84.0	84.6	85.5
≥0.1		24.1	32.7	47.9	59.1	61.1	67.3	72.8	75.9	82.7	82.9	84.7	85.9	87.0	87.7	88.6
≥0.05		24.1	32.7	47.9	59.1	61.1	67.3	73.2	76.4	83.8	84.1	86.0	87.4	88.6	89.7	90.7
≥0.025		24.1	32.7	47.9	59.1	61.1	67.4	73.5	76.7	84.6	84.9	87.1	88.8	90.2	91.2	92.2
≥0.01		24.1	32.7	47.9	59.1	61.1	67.4	73.5	76.7	84.7	85.3	88.1	89.8	91.9	93.3	94.7
≥0.005		24.2	32.8	48.0	59.2	61.2	67.6	73.6	76.8	84.8	85.4	88.4	90.2	92.4	94.3	97.0
≥0.0025		24.2	32.8	48.0	59.2	61.2	67.6	73.7	76.9	84.9	85.5	88.5	90.3	92.5	95.2	99.3
≥0.001		24.2	32.8	48.0	59.2	61.2	67.6	73.7	76.9	84.9	85.5	88.5	90.3	92.5	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 863

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

715

HOMENFELS AAF GF

74-83

MAR

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	5/8	3/8	2/8	1/8	3/4	2/4	1/4	3/8	2/8	1/8	3/4	2/4	1/4	3/8	2/8	1/8
1000	12.8	15.1	19.4	24.4	24.5	25.4	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
900	16.9	19.4	24.8	30.7	30.8	31.8	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
800	17.2	19.8	25.2	31.0	31.1	32.2	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
700	17.5	20.0	25.4	31.3	31.4	32.4	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
600	17.6	20.3	26.1	32.1	32.2	33.2	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
500	17.7	20.6	26.8	32.8	32.9	33.9	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
400	18.7	22.1	28.9	35.3	35.4	36.6	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
300	19.2	22.5	29.3	35.7	35.9	37.0	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
200	20.8	24.6	31.8	38.4	38.6	39.9	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
100	21.5	25.9	33.8	40.3	40.6	42.2	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
5000	21.6	26.1	34.0	40.6	40.8	42.8	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
4000	22.3	26.8	35.4	42.4	42.6	44.6	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
3000	23.1	27.7	36.6	43.6	43.8	45.7	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
2000	23.9	28.9	38.5	45.5	45.7	48.0	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
1500	25.2	30.1	40.3	47.4	47.6	49.9	50.7	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
1000	28.2	33.8	45.2	52.6	52.9	55.3	56.8	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
500	29.4	35.2	48.0	56.2	56.4	58.9	60.8	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
200	32.8	39.0	52.8	62.0	62.2	65.2	67.7	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
100	35.3	41.7	56.9	66.4	67.0	70.6	73.4	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
5000	36.1	43.0	58.5	69.0	69.3	73.2	76.3	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
4000	37.1	44.0	60.1	71.6	72.1	76.3	79.8	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
3000	37.1	44.1	61.6	72.8	73.2	77.8	81.6	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
2000	37.1	44.3	60.8	73.8	74.5	79.4	83.8	84.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
1500	37.1	44.4	60.9	74.3	75.1	80.1	85.5	86.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
1000	37.1	44.4	61.1	74.5	75.3	80.7	86.6	88.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
500	37.1	44.4	61.1	74.5	75.3	80.8	86.8	88.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
200	37.1	44.4	61.1	74.5	75.3	80.8	86.8	88.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
100	37.1	44.4	61.1	74.5	75.3	80.8	86.8	88.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
50	37.1	44.4	61.1	74.5	75.3	80.8	86.8	88.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
0	37.1	44.4	61.1	74.5	75.3	80.8	86.8	88.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2

TOTAL NUMBER OF OBSERVATIONS 870

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1715
STATION

MOHENTELS AAF GE

STATION NAME

74-83

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1700-1800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025				
NO FILING	>16	GE97	GE87	GE50	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE8	GE5	GE0	GE0				
≥20000		19.2	21.2	24.9	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7				
≥18000		24.8	26.8	31.7	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2				
≥16000		25.6	27.9	33.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9				
≥14000		25.8	28.1	33.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7				
≥12000		26.0	28.3	33.9	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4				
≥10000		26.6	28.9	34.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4				
≥9000		27.1	29.9	35.9	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8				
≥8000		27.6	30.6	36.8	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8				
≥7000		29.7	32.8	39.5	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9				
≥6000		30.8	34.3	41.7	45.1	45.1	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6				
≥5000		30.8	34.5	41.8	45.2	45.2	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7				
≥4500		31.8	35.7	43.5	47.3	47.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8				
≥4000		32.2	36.7	44.3	48.7	48.7	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5				
≥3500		34.2	39.5	47.7	50.9	50.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4				
≥3000		36.3	40.7	49.8	53.8	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3				
≥2500		41.5	45.5	55.4	59.6	59.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2				
≥2000		45.2	50.8	61.2	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5				
≥1800		48.1	54.1	64.7	69.6	69.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7				
≥1600		49.8	55.9	66.6	72.1	72.1	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0				
≥1400		53.7	60.5	72.3	78.5	78.5	80.5	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1				
≥1200		55.4	63.2	76.1	82.7	83.2	85.4	86.7	86.7	86.9	86.9	87.1	87.1	87.1	87.1	87.1				
≥1000		55.9	64.0	77.8	84.8	85.4	88.0	89.7	89.7	90.0	90.0	90.1	90.1	90.1	90.1	90.1				
≥900		56.1	64.3	78.4	85.7	86.3	89.0	90.9	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4				
≥800		56.1	64.7	79.2	87.1	87.8	90.9	93.5	93.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9				
≥700		56.1	64.7	79.2	87.5	88.3	92.0	95.4	95.9	97.3	97.3	97.5	97.5	97.5	97.5	97.5				
≥600		56.1	64.7	79.2	87.5	88.3	92.0	95.6	96.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9				
≥500		56.1	64.7	79.2	87.5	88.3	92.0	95.6	96.5	98.1	98.2	98.3	98.3	98.4	98.4	98.4				
≥400		56.1	64.7	79.2	87.5	88.3	92.0	95.6	96.5	98.3	98.4	98.7	98.7	98.9	98.9	98.9				
≥300		56.1	64.7	79.2	87.5	88.3	92.0	95.6	96.5	98.4	98.5	98.9	98.9	99.0	99.0	99.0				
≥200		56.1	64.7	79.2	87.5	88.3	92.0	95.6	96.5	98.4	98.5	98.9	98.9	99.0	99.0	99.0				
≥100		56.1	64.7	79.2	87.5	88.3	92.0	95.6	96.5	98.4	98.5	98.9	98.9	99.0	99.0	99.0				
≥0		56.1	64.7	79.2	87.5	88.3	92.0	95.6	96.5	98.4	98.5	99.0	99.0	99.2	99.2	99.2				

TOTAL NUMBER OF OBSERVATIONS 827

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715 Hohenfels AAF GE

74-83

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

150-1770

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
27000	23.9	26.3	28.8	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
24000	7.8	34.7	37.7	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
21000	31.4	34.7	39.1	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
18000	11.7	34.9	39.3	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
15000	72.2	35.4	39.8	41.2	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
12000	73.3	36.7	41.7	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
9000	35.2	38.6	43.8	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
7000	36.1	39.4	44.7	46.6	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
6000	40.5	43.8	49.6	52.0	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
5000	41.5	44.8	51.4	54.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
4500	41.5	45.2	51.6	54.4	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
4000	42.3	45.1	52.8	55.4	55.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
3500	42.5	46.4	53.4	56.4	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
3000	45.7	49.1	56.5	59.8	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
2500	46.2	51.5	58.7	61.9	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
2000	71.5	56.8	65.6	69.0	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
1800	56.9	62.4	72.4	75.9	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
1500	58.9	64.7	75.3	79.3	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
1200	59.3	65.5	76.3	80.8	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1000	61.8	68.5	79.6	85.3	85.8	86.6	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
900	63.1	71.6	82.4	88.4	89.2	90.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
800	63.6	71.4	83.4	89.8	90.6	91.6	93.1	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
700	63.6	71.7	83.9	90.7	91.6	92.6	94.1	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
600	63.6	71.7	83.9	91.3	92.2	93.3	95.2	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
500	63.6	71.7	83.9	91.6	92.5	93.7	96.1	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
400	63.6	71.7	83.9	91.6	92.5	93.7	96.2	96.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
300	63.6	71.7	83.9	91.6	92.5	93.7	96.2	96.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
200	63.6	71.7	83.9	91.6	92.5	93.7	96.2	96.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
100	63.6	71.7	83.9	91.6	92.5	93.7	96.2	96.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0	63.6	71.7	83.9	91.6	92.5	93.7	96.2	96.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 796

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715 WOHNFELS AAF GF

74-83

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

ELEVATION FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)													
	>10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
>10000	15.9	18.2	21.7	24.6	24.9	25.6	26.1	26.2	26.5	26.5	26.7	26.9	27.0	27.1	27.3															
2 18000	2.5	23.3	27.9	31.6	31.9	32.7	33.1	33.3	33.8	33.8	33.9	34.2	34.3	34.9	34.7															
2 16000	11.0	23.0	28.8	32.5	32.8	33.6	34.0	34.1	34.7	34.7	34.8	35.1	35.2	35.3	35.5															
2 14000	11.1	24.0	28.9	32.7	32.9	33.7	34.2	34.3	34.8	34.8	35.0	35.2	35.3	35.4	35.7															
2 12000	11.3	24.3	29.3	33.2	33.5	34.2	34.7	34.8	35.3	35.4	35.5	35.8	35.9	36.0	36.2															
2 10000	21.9	24.9	3.3	34.1	34.4	35.2	35.7	35.8	36.3	36.3	36.5	36.7	36.8	36.9	37.2															
2 8000	22.8	26.2	31.9	36.1	36.4	37.3	37.8	37.9	38.4	38.5	38.6	38.9	39.0	39.1	39.3															
2 6000	23.3	26.8	32.6	36.8	37.1	38.0	38.5	38.6	39.2	39.2	39.3	39.6	39.7	39.8	40.0															
2 4000	25.6	29.3	35.6	4.1	40.4	41.4	42.0	42.1	42.6	42.7	42.8	43.1	43.3	43.4	43.6															
2 2000	26.4	30.3	37.5	42.2	42.5	43.8	44.4	44.6	45.1	45.2	45.4	45.6	45.8	45.9	46.2															
2 1000	26.4	30.5	37.7	42.4	42.7	44.1	44.7	44.9	45.4	45.5	45.6	45.9	46.1	46.2	46.5															
2 500	27.1	31.4	38.9	43.8	44.2	45.6	46.2	46.5	47.0	47.1	47.2	47.5	47.7	47.8	48.1															
2 400	27.7	32.2	40.1	45.1	45.5	47.0	47.6	47.8	48.3	48.4	48.5	48.8	49.0	49.1	49.4															
2 300	29.3	34.2	42.7	47.9	48.2	49.9	50.4	50.7	51.3	51.3	51.5	51.8	52.0	52.1	52.4															
2 200	3.6	35.7	44.6	49.9	50.3	51.9	52.5	52.7	53.5	53.5	53.7	54.0	54.2	54.3	54.6															
2 100	34.2	40.0	50.0	55.6	56.0	57.9	58.8	59.1	60.0	60.1	60.3	60.6	60.8	61.0	61.3															
2 500	17.1	43.2	54.4	60.6	61.0	62.4	64.1	64.5	65.5	65.5	65.8	66.1	66.3	66.4	66.7															
2 200	39.6	46.0	57.7	64.4	64.9	67.0	68.6	69.0	70.1	70.1	70.4	70.7	70.9	71.1	71.4															
2 100	40.4	46.9	58.9	65.9	66.4	68.7	70.4	70.8	71.9	71.9	72.2	72.5	72.7	72.9	73.2															
2 500	42.9	50.0	63.0	70.7	71.3	74.0	76.0	76.4	77.6	77.6	77.9	78.2	78.4	78.6	78.9															
2 200	44.1	51.7	65.4	73.7	74.4	77.6	80.2	80.7	82.0	82.1	82.4	82.8	83.0	83.2	83.5															
2 100	44.7	52.4	66.6	75.6	76.5	79.9	82.8	83.0	85.0	85.0	85.5	85.9	86.2	86.4	86.7															
2 500	44.7	52.7	67.1	76.4	77.3	80.9	84.0	84.7	86.4	86.4	87.0	87.4	87.7	87.8	88.1															
2 200	44.7	52.8	67.4	77.4	78.5	82.4	85.9	86.9	89.5	89.5	90.1	90.5	90.8	90.9	91.2															
2 100	44.7	52.9	67.5	77.7	78.8	83.0	87.2	88.5	91.6	91.7	92.5	93.1	93.4	93.6	93.9															
2 500	44.7	52.9	67.6	77.8	78.9	83.1	87.6	89.1	92.6	92.7	93.5	94.2	94.5	94.8	95.1															
2 200	44.7	52.9	67.6	77.8	78.9	83.2	87.8	89.4	93.5	93.8	95.2	96.3	97.3	97.9	98.0															
2 100	44.8	52.9	67.6	77.8	78.9	83.2	87.8	89.5	93.6	93.8	95.2	96.4	97.4	98.3	99.7															
2 500	44.8	52.9	67.6	77.8	78.9	83.2	87.8	89.5	93.6	93.8	95.2	96.4	97.4	98.3	100.0															

TOTAL NUMBER OF OBSERVATIONS 1154

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 7715 HCHENFELS AAF GE

74-83

APD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-2800
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025
≥2000	15.5	21.5	3.0	33.5	34.0	35.0	35.9	35.9	36.2	36.5	37.2	37.6	37.8	38.2	38.4	
1800	16.3	25.3	34.5	38.9	39.4	40.7	41.8	41.8	42.2	42.7	43.4	43.8	44.1	44.5	44.7	
1600	18.6	25.6	34.9	39.2	39.8	41.1	42.1	42.1	42.6	43.1	43.8	44.1	44.5	44.8	45.0	
1400	18.6	25.7	35.3	39.3	39.9	41.2	42.2	42.2	42.7	43.2	43.9	44.2	44.6	44.9	45.2	
1200	18.7	25.8	35.5	39.8	40.4	41.7	42.8	42.8	43.3	43.8	44.5	44.8	45.2	45.6	45.9	
1000	19.0	26.1	36.1	40.5	41.1	42.6	43.8	43.8	44.2	44.7	45.4	45.7	46.1	46.6	46.8	
800	19.6	26.8	37.7	42.2	42.8	44.3	45.5	45.6	46.1	46.6	47.3	47.6	48.0	48.4	48.7	
600	19.7	27.4	38.9	43.5	44.1	45.6	46.9	47.0	47.6	48.1	48.8	49.2	49.7	50.2	50.6	
400	21.2	28.9	41.3	46.0	46.6	48.2	49.8	49.9	50.5	51.0	51.7	52.2	52.9	53.3	53.8	
200	22.6	30.6	42.9	48.3	48.9	50.8	52.6	52.7	53.4	53.9	54.6	55.1	56.0	56.5	56.9	
100	23.2	32.0	44.5	50.1	50.8	52.7	54.6	54.7	55.5	56.0	56.7	57.2	58.1	58.6	59.0	
50	23.2	32.0	45.0	51.0	51.8	53.9	55.8	55.9	56.8	57.3	58.0	58.5	59.4	59.9	60.3	
25	24.5	34.3	48.3	55.2	56.0	58.2	60.1	60.2	61.3	61.7	62.4	62.9	63.8	64.3	64.8	
12.5	25.3	35.4	49.6	57.2	58.0	60.2	62.2	62.3	63.4	63.8	64.5	65.0	65.9	66.4	67.0	
6.25	27.5	38.3	53.2	61.7	62.7	65.0	67.6	67.7	68.7	69.2	69.9	70.4	71.3	71.8	72.3	
3.125	28.6	39.3	54.8	63.4	64.3	67.1	69.9	70.0	71.1	71.5	72.2	72.7	73.6	74.1	74.7	
1.5625	29.9	40.7	56.6	66.2	67.1	70.6	73.6	73.7	75.0	75.6	76.4	76.9	77.8	78.3	78.9	
0.78125	30.0	41.0	56.8	66.7	67.7	71.4	74.4	74.6	75.8	76.4	77.2	77.7	78.6	79.1	79.7	
0.390625	30.1	41.2	57.6	68.1	69.7	74.0	77.5	77.6	79.0	79.6	80.4	80.9	81.8	82.3	82.8	
0.1953125	30.5	41.7	58.8	69.7	71.2	76.4	80.5	80.7	82.1	82.7	83.5	84.0	84.9	85.4	86.1	
0.09765625	31.0	42.6	60.1	71.4	73.0	78.3	82.6	83.2	85.1	85.8	86.7	87.2	88.1	88.6	89.3	
0.048828125	31.7	43.4	61.3	72.6	74.2	79.8	84.4	84.9	86.9	87.6	88.6	89.0	90.0	90.4	91.1	
0.0244140625	32.2	44.0	62.1	73.7	75.4	81.0	85.6	86.2	88.2	88.9	89.8	90.3	91.2	91.7	92.4	
0.01220703125	32.2	44.0	62.2	73.9	75.6	81.4	86.8	87.7	90.2	91.0	92.2	92.6	93.6	94.0	94.7	
0.006103515625	32.2	44.0	62.2	73.9	75.6	81.7	87.2	88.1	91.0	91.8	93.2	93.7	94.7	95.2	95.9	
0.0030517578125	32.2	44.0	62.2	74.0	75.7	81.9	87.4	88.3	91.4	92.2	93.6	94.0	95.1	95.6	96.3	
0.00152587890625	32.2	44.0	62.2	74.0	75.7	81.9	87.4	88.3	91.6	92.4	94.0	94.6	95.8	96.3	97.0	
0.000762939453125	32.2	44.0	62.3	74.1	75.8	82.0	87.5	88.4	91.7	92.5	94.2	94.7	96.1	96.6	97.3	
0.0003814697265625	32.2	44.0	62.3	74.1	75.8	82.0	87.5	88.4	91.7	92.5	94.2	94.7	96.1	96.7	97.4	
0.00019073486328125	32.2	44.0	62.3	74.1	75.8	82.0	87.5	88.4	91.7	92.5	94.2	94.7	96.6	97.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 857

CEILING VERSUS VISIBILITY

7715

HOMENFELS AAF GE

74-83

AP9

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1130

		VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)															
		20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0					
		20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0					
1	1000	25.7	26.5	32.5	34.7	34.8	34.9	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3					
2	800	29.3	30.1	37.0	39.6	39.8	40.0	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4					
3	600	30.0	30.8	37.7	40.3	40.5	40.7	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1					
4	400	30.2	31.0	38.0	40.5	40.8	40.9	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3					
5	200	30.4	31.2	38.3	40.9	41.1	41.2	41.6	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	41.7	41.7	41.7	41.7					
6	100	31.1	31.9	39.6	42.3	42.6	42.7	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2					
7	50	31.7	33.1	41.2	44.0	44.4	44.5	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9					
8	25	31.8	33.2	41.3	44.1	44.5	44.6	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2					
9	12.5	34.3	35.9	44.7	47.7	48.1	48.2	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8					
10	6.25	35.1	36.7	46.2	49.4	49.7	49.8	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4					
11	3.125	35.4	37.1	46.6	49.7	50.1	50.2	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8					
12	1.5625	36.4	38.3	48.2	51.6	51.9	52.0	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7					
13	0.78125	36.8	39.0	49.0	52.4	52.7	52.8	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5					
14	0.390625	38.1	40.7	52.3	56.3	56.7	56.8	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6					
15	0.1953125	39.4	41.9	54.5	58.8	59.1	59.2	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2					
16	0.09765625	43.8	47.3	62.4	67.6	68.1	68.2	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8					
17	0.048828125	46.0	51.8	68.1	73.6	74.1	75.0	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4					
18	0.0244140625	51.2	55.4	72.1	78.0	78.6	79.6	80.6	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	81.0	81.0	81.0	81.0	81.0	81.0	81.0					
19	0.01220703125	52.3	56.7	73.4	79.8	80.4	81.3	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	82.7	82.7	82.7	82.7	82.7	82.7					
20	0.006103515625	54.4	59.0	76.7	84.2	84.9	86.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6					
21	0.0030517578125	55.5	60.4	78.5	86.3	87.0	88.6	90.1	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8					
22	0.00152587890625	55.7	60.6	79.4	87.7	88.6	90.2	92.1	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0					
23	0.000762939453125	55.9	61.0	79.8	88.2	89.1	91.2	93.0	93.5	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	94.1	94.1	94.1	94.1					
24	0.0003814697265625	56.1	61.2	80.5	89.1	90.1	92.5	94.7	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7					
25	0.00019073486328125	56.1	61.2	80.6	89.5	90.9	93.3	95.9	96.7	97.7	97.9	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4					
26	9.5367431640625E-05	56.1	61.2	81.6	89.7	91.2	93.6	96.4	97.3	98.6	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3					
27	4.76837158203125E-05	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
28	2.384185791015625E-05	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
29	1.1920928955078125E-05	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
30	5.9604644775390625E-06	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
31	2.98023223876953125E-06	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
32	1.490116119384765625E-06	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
33	7.450580596923828125E-07	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
34	3.7252902984619140625E-07	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
35	1.86264514923095703125E-07	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
36	9.31322574615478515625E-08	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
37	4.656612873077392578125E-08	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
38	2.3283064365386962890625E-08	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
39	1.16415321826934814453125E-08	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
40	5.82076609134674072265625E-09	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
41	2.910383045673370361328125E-09	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
42	1.4551915228366851806640625E-09	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
43	7.2759576141834259033203125E-10	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5					
44	3.63797880709171295166015625E-10	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5																			

TOTAL NUMBER OF OBSERVATIONS 261

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 715 HCHENFELS AAF GE

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1700-1400

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	GE90	GE80	GE60	GE40	GE20	GE10	GE5	GE2	GE1	GE0.5	GE0.25	GE0.1	GE0.05	GE0.025	GE0.01
≥2000	28.7	29.6	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
1800	33.2	34.7	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
1600	34.0	35.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
1400	34.0	35.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
1200	34.4	35.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
1000	35.3	36.8	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
800	36.6	38.3	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
600	37.0	38.8	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
400	38.9	40.7	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
200	39.5	41.3	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
100	39.5	41.3	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
50	40.4	42.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
25	41.6	43.4	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
15	43.7	46.5	51.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
10	49.2	52.7	57.5	57.7	57.8	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
5	54.9	58.5	67.2	67.8	67.9	67.9	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
2	62.4	66.2	75.7	76.3	76.4	76.5	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
1	66.8	71.7	81.6	81.2	81.3	81.5	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
0.5	67.6	71.7	81.6	82.5	82.6	82.8	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.25	71.2	74.8	86.3	87.8	87.9	88.2	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.1	72.1	77.1	89.3	91.1	91.2	91.8	92.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
0.05	73.3	78.5	91.3	93.6	93.7	94.3	95.5	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
0.025	73.4	78.7	91.5	94.1	94.2	95.1	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
0.01	73.4	78.7	91.9	94.5	94.7	95.6	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0.005	73.5	78.9	92.1	94.8	94.9	95.9	97.6	97.7	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.5
0.0025	73.5	78.9	92.1	94.8	94.9	96.1	97.8	97.9	99.3	99.3	99.3	99.4	100.0	100.0	100.0	100.0
0.001	73.5	78.9	92.1	94.8	94.9	96.1	97.8	97.9	99.3	99.3	99.3	99.4	100.0	100.0	100.0	100.0
0.0005	73.5	78.9	92.1	94.8	94.9	96.1	97.8	97.9	99.3	99.3	99.3	99.4	100.0	100.0	100.0	100.0
0.00025	73.5	78.9	92.1	94.8	94.9	96.1	97.8	97.9	99.3	99.3	99.3	99.4	100.0	100.0	100.0	100.0
0.0001	73.5	78.9	92.1	94.8	94.9	96.1	97.8	97.9	99.3	99.3	99.3	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 861

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

7715

HOMENFELS AAF GF

WYATT BAKER

74-83

VEAU

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

TOTAL NUMBER OF OBSERVATIONS 260

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1715 HOHENFEL AAF GF

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

VISIBILITY	OR (HUNDREDS OF METERS)															
	GE0	GE5	GE10	GE15	GE20	GE25	GE30	GE35	GE40	GE45	GE50	GE55	GE60	GE65	GE70	GE75
1000	25.4	27.6	31.6	33.0	33.1	33.4	33.7	33.8	33.8	33.9	34.1	34.2	34.3	34.3	34.4	34.4
900	30.0	32.7	37.2	38.9	39.1	39.5	39.8	39.9	40.0	40.1	40.3	40.4	40.5	40.6	40.7	40.7
800	30.5	33.2	37.9	39.6	39.8	40.2	40.5	40.6	40.7	40.8	41.0	41.1	41.2	41.3	41.3	41.3
700	30.6	33.4	38.1	39.8	40.1	40.3	40.7	40.7	40.8	40.9	41.1	41.2	41.3	41.4	41.5	41.5
600	30.9	33.6	38.4	40.1	40.3	40.7	41.1	41.1	41.2	41.3	41.5	41.6	41.7	41.8	41.9	41.9
500	31.7	34.0	39.5	41.2	41.5	41.9	42.3	42.3	42.4	42.5	42.7	42.8	42.9	43.0	43.1	43.1
400	32.4	35.5	41.0	42.8	43.1	43.5	43.8	43.9	44.0	44.1	44.3	44.4	44.5	44.6	44.7	44.7
300	32.6	35.8	41.5	43.4	43.6	44.0	44.5	44.5	44.7	44.8	45.0	45.1	45.2	45.3	45.5	45.5
200	34.8	37.9	44.1	46.1	46.4	46.9	47.4	47.5	47.6	47.7	47.9	48.0	48.2	48.3	48.5	48.5
100	35.8	39.3	45.9	48.1	48.4	48.9	49.5	49.5	49.7	49.8	50.0	50.1	50.4	50.5	50.6	50.6
50	36.0	39.6	45.1	48.3	48.6	49.1	49.7	49.8	49.9	50.0	50.2	50.4	50.6	50.7	50.9	50.9
20	36.9	40.7	47.9	50.1	50.5	51.0	51.6	51.7	51.9	52.0	52.2	52.3	52.5	52.7	52.8	52.8
10	37.7	41.5	48.9	51.3	51.6	52.2	52.8	52.9	53.1	53.2	53.4	53.6	53.8	53.9	54.1	54.1
5	39.2	43.8	52.3	55.1	55.5	56.0	56.7	56.8	57.0	57.1	57.3	57.5	57.7	57.8	58.0	58.0
2	42.5	47.5	56.6	59.6	60.0	60.5	61.3	61.4	61.6	61.8	61.9	62.1	62.3	62.4	62.6	62.6
1	47.6	53.1	64.5	68.2	68.6	69.4	70.3	70.4	70.7	70.8	71.0	71.2	71.4	71.5	71.7	71.7
0.5	51.9	57.7	69.9	73.7	74.1	75.2	76.2	76.4	76.7	76.8	77.0	77.1	77.4	77.5	77.7	77.7
0.2	54.8	60.8	73.5	77.8	78.2	79.6	80.8	80.9	81.3	81.4	81.7	81.8	82.0	82.1	82.3	82.3
0.1	55.5	61.6	74.3	78.8	79.2	80.7	81.9	82.0	82.4	82.5	82.8	82.9	83.1	83.3	83.4	83.4
0.05	56.2	63.3	76.9	82.2	82.8	84.5	85.8	86.0	86.5	86.7	86.9	87.0	87.3	87.4	87.6	87.6
0.02	58.2	64.8	79.0	84.6	85.2	87.4	89.2	89.3	89.9	90.1	90.3	90.5	90.7	90.9	91.0	91.0
0.01	58.8	65.6	80.4	86.6	87.3	89.5	91.5	91.8	92.6	92.8	93.1	93.2	93.4	93.5	93.7	93.7
0.005	59.1	66.0	81.9	87.2	88.0	90.4	92.5	92.8	93.7	93.9	94.1	94.3	94.5	94.6	94.8	94.8
0.002	59.3	66.2	81.4	87.9	88.7	91.2	93.4	93.7	94.6	94.8	95.1	95.3	95.5	95.6	95.8	95.8
0.001	59.3	66.3	81.7	88.4	89.2	91.9	94.5	95.1	96.5	96.7	97.2	97.6	97.8	97.9	98.1	98.1
0.0005	59.3	66.3	81.7	88.4	89.3	92.0	94.8	95.4	97.0	97.3	97.8	98.2	98.5	98.6	98.8	98.8
0.0002	59.3	66.3	81.7	88.5	89.4	92.1	94.9	95.5	97.2	97.5	98.0	98.4	98.7	98.8	99.0	99.0
0.0001	59.3	66.3	81.7	88.5	89.4	92.1	94.9	95.5	97.2	97.6	98.1	98.5	98.8	99.0	99.2	99.2
0.00005	59.3	66.3	81.7	88.5	89.4	92.2	95.0	95.6	97.3	97.6	98.1	98.6	99.0	99.1	99.3	99.3
0.00002	59.3	66.3	81.7	88.5	89.4	92.2	95.0	95.6	97.3	97.6	98.1	98.6	99.0	99.1	99.3	99.3
0.00001	59.3	66.3	81.7	88.5	89.4	92.2	95.0	95.6	97.3	97.6	98.1	98.6	99.0	99.2	99.5	99.5
0.000005	59.3	66.3	81.7	88.5	89.4	92.2	95.0	95.6	97.3	97.6	98.1	98.6	99.1	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3439

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE /MAC

CEILING VERSUS VISIBILITY

STATION NAME HOHENFELS AAF GF

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
>100	25.2	37.5	36.6	4.4	40.5	41.1	41.4	41.4	41.7	41.8	41.8	41.9	42.6	47.8	43.1	
100	27.1	32.4	39.4	43.4	43.5	44.3	44.7	44.7	45.0	45.1	45.1	45.2	45.9	46.2	46.4	
200	27.6	33.0	40.0	44.0	44.1	44.9	45.2	45.2	45.6	45.7	45.7	45.8	46.5	46.7	47.0	
300	27.8	33.2	40.4	44.4	44.5	45.5	45.8	45.8	46.2	46.3	46.3	46.4	47.1	47.3	47.5	
400	28.6	34.1	41.4	45.5	45.6	46.5	46.8	46.8	47.2	47.3	47.3	47.4	48.1	48.3	48.6	
500	28.7	34.3	41.7	45.8	45.9	46.8	47.2	47.2	47.5	47.6	47.6	47.8	48.5	48.7	48.9	
600	29.5	35.2	42.9	47.1	47.2	48.1	48.5	48.6	48.9	49.0	49.0	49.1	49.8	50.1	50.3	
700	29.1	35.1	44.7	48.9	49.3	50.2	50.5	50.6	51.0	51.1	51.1	51.2	51.9	52.1	52.4	
800	32.0	38.6	49.5	53.7	54.2	55.5	55.9	56.0	56.4	56.5	56.5	56.7	57.4	57.6	57.9	
900	33.4	40.5	52.5	56.9	57.6	59.0	59.5	59.6	59.9	60.0	60.0	60.3	61.1	61.3	61.5	
1000	34.7	41.6	54.4	59.4	60.0	61.4	61.9	62.0	62.3	62.5	62.5	62.7	63.5	63.7	63.9	
1100	35.6	42.5	55.9	60.8	61.5	62.9	63.4	63.5	63.8	63.9	63.9	64.2	65.0	65.2	65.4	
1200	37.1	44.5	59.1	64.9	65.6	67.0	67.7	67.9	68.2	68.3	68.3	68.5	69.3	69.7	69.9	
1300	37.8	45.7	61.1	67.7	68.4	70.0	70.7	70.8	71.2	71.3	71.3	71.5	72.3	72.7	72.9	
1400	40.8	49.3	66.9	74.2	74.9	76.5	77.3	77.4	77.7	77.8	77.8	78.1	78.9	79.2	79.4	
1500	42.1	50.6	69.2	76.7	77.6	79.6	80.4	80.5	80.8	80.9	80.9	81.2	82.0	82.3	82.5	
1600	43.2	51.9	71.7	78.4	79.3	81.3	82.1	82.2	82.5	82.7	82.7	82.9	83.7	84.0	84.3	
1700	44.3	53.3	72.8	81.1	82.0	84.4	85.3	85.8	86.1	86.2	86.2	86.5	87.3	87.6	87.8	
1800	44.9	53.7	74.4	82.8	83.7	86.1	87.1	87.6	87.9	88.1	88.1	88.3	89.1	89.4	89.7	
1900	45.6	54.9	76.2	84.7	85.6	88.2	89.2	89.7	90.0	90.1	90.1	90.4	91.2	91.5	91.7	
2000	45.8	55.1	76.5	85.2	86.1	88.6	89.7	90.1	90.7	90.8	90.8	91.0	91.8	92.2	92.4	
2100	46.3	55.8	77.7	87.0	87.9	90.6	91.6	92.1	92.9	93.0	93.0	93.2	94.0	94.4	94.6	
2200	46.3	55.8	78.0	87.3	88.2	91.2	92.4	92.9	93.9	94.0	94.0	94.3	95.1	95.4	95.6	
2300	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.5	94.8	94.9	94.9	95.2	96.0	96.3	96.6	
2400	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	94.9	95.1	95.1	95.3	96.1	96.4	96.7	
2500	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	95.1	95.2	95.2	95.4	96.2	96.6	96.8	
2600	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	95.1	95.2	95.2	95.4	96.2	96.8	97.2	
2700	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	95.1	95.2	95.2	95.5	96.4	97.0	98.3	
2800	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	95.1	95.2	95.2	95.5	96.4	97.0	99.5	
2900	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	95.1	95.2	95.2	95.5	96.4	97.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 871

CEILING VERSUS VISIBILITY

74-83

MAY

900-1120

TOTAL NUMBER OF OBSERVATIONS _____ 886

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 HOFENFELS AAF GE

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	210	20	25	24	23	22	27	21	21	21	21	21	21	21	21	21	21	21	21	21
210	34.2	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
2000	39.8	47.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
1000	40.1	47.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
500	40.3	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
400	41.3	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
300	42.1	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
200	43.4	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
100	43.8	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
50	47.1	47.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
25	48.8	49.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
10	48.9	49.9	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
5	52.3	53.5	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
2	53.4	54.7	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
1	57.3	59.7	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.5	62.3	64.7	66.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
0.25	73.9	76.5	80.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
0.1	79.3	82.3	86.5	88.0	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
0.05	80.9	84.3	88.6	90.1	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
0.025	82.3	85.8	90.3	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
0.01	84.6	88.3	92.8	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0.005	85.8	89.6	94.6	97.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0025	85.9	91.1	95.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
0.001	85.9	91.2	95.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0.0005	85.9	91.2	95.8	96.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0.00025	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.0001	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.00005	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.000025	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.00001	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.000005	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 888

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

CEILING VERSUS VISIBILITY

MAY

1530-1700

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC 1-100a 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION 7715 Hohenfels AAF GE

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	33.3	35.7	37.5	38.7	38.8	38.9	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.3	39.4
≥20000	37.4	39.4	42.3	43.6	43.6	43.8	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.2	44.3	44.3
≥18000	38.2	40.3	43.1	44.5	44.5	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.2
≥16000	39.4	41.5	43.4	44.7	44.7	45.0	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.4	45.4	45.5
≥14000	39.1	41.2	44.1	45.5	45.5	45.7	45.8	45.8	45.9	45.9	45.9	45.9	45.9	46.1	46.2	46.2
≥12000	39.5	41.7	44.7	46.0	46.1	46.3	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.7	46.8	46.8
≥10000	41.4	42.5	45.7	47.1	47.1	47.4	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.8	47.9	47.9
≥9000	40.9	43.2	46.9	48.3	48.5	48.7	48.8	48.8	48.9	48.9	48.9	48.9	49.0	49.1	49.2	49.2
≥8000	43.8	46.6	51.2	52.8	52.9	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.6	53.8	53.8	53.9
≥7000	46.3	49.2	54.3	56.1	56.3	56.6	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.2	57.2	57.3
≥6000	46.5	49.6	54.9	56.7	56.9	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.6	57.8	57.8	57.9
≥5000	46.3	51.6	57.3	59.3	59.5	59.8	59.9	60.0	60.1	60.1	60.1	60.2	60.4	60.4	60.5	60.5
≥4500	49.5	52.8	58.9	61.0	61.1	61.5	61.6	61.7	61.7	61.8	61.8	61.8	61.8	62.0	62.1	62.1
≥4000	52.6	56.4	63.4	65.6	65.8	66.2	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.8	66.9	66.9
≥3500	55.5	59.6	67.3	70.0	70.3	70.7	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.3	71.3	71.4
≥3000	53.2	69.1	77.4	80.5	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.8	81.8	81.9
≥2500	56.3	71.5	81.3	84.7	85.0	85.4	85.6	85.7	85.8	85.8	85.8	85.9	86.1	86.2	86.2	86.2
≥2000	67.9	73.5	83.8	87.2	87.5	88.0	88.2	88.2	88.3	88.3	88.3	88.4	88.6	88.7	88.7	88.7
≥1800	60.7	74.3	84.8	88.2	88.6	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.8	89.9	89.9	90.0
≥1600	71.4	76.2	86.9	91.7	91.1	91.6	91.9	92.1	92.2	92.2	92.2	92.2	92.4	92.5	92.6	92.6
≥1400	71.5	77.4	88.9	93.0	93.3	93.9	94.3	94.4	94.5	94.5	94.5	94.6	94.8	94.9	94.9	94.9
≥1200	71.8	78.7	89.9	94.2	94.6	95.2	95.7	95.8	95.9	96.0	96.0	96.0	96.2	96.3	96.3	96.3
≥1000	71.9	78.1	91.2	94.6	95.1	95.6	96.1	96.2	96.4	96.4	96.4	96.5	96.7	96.7	96.8	96.8
≥900	72.1	78.4	90.7	95.4	95.7	96.5	96.9	97.1	97.3	97.3	97.3	97.4	97.6	97.7	97.7	97.7
≥800	72.2	78.7	91.1	95.9	96.3	97.1	97.6	97.8	98.1	98.1	98.1	98.2	98.4	98.5	98.5	98.5
≥700	72.2	78.7	91.1	96.0	96.4	97.3	97.9	98.1	98.5	98.5	98.5	98.6	98.8	98.9	98.9	98.9
≥600	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.7	98.7	98.8	99.0	99.1	99.1	99.1
≥500	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	99.0	99.1	99.2	99.2
≥400	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	99.0	99.1	99.2	99.2
≥300	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	99.0	99.1	99.2	99.2
≥200	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	99.0	99.1	99.2	99.2
≥100	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	99.0	99.1	99.2	99.2
≥50	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	99.0	99.1	99.2	99.2
≥20	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	99.0	99.1	99.2	99.2
≥10	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	99.0	99.1	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 1531

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 7715
STATION

HOHENFELS AAF GE
STATION NAME

74-83
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
LOCAL TIME

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	2 1/2	3	4	5	6	7	8	9	10	12	14	16	18	20	25	30
2 1/2	25.3	29.8	38.1	40.1	40.1	40.4	40.8	41.4	41.9	41.9	41.9	41.9	41.9	41.9	42.3	42.5
3	28.1	32.6	41.6	43.9	43.9	44.2	44.6	45.2	45.7	45.7	45.7	45.7	45.7	45.7	46.1	46.5
4	28.2	32.8	41.8	44.2	44.2	44.6	44.9	45.5	46.1	46.1	46.1	46.1	46.1	46.1	46.4	46.9
5	28.2	32.8	41.8	44.4	44.4	44.7	45.0	45.6	46.2	46.2	46.2	46.2	46.2	46.2	46.5	47.0
6	28.2	32.9	42.1	44.6	44.6	44.9	45.3	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.8	47.2
7	28.3	33.1	42.2	44.8	44.8	45.2	45.5	46.1	46.7	46.7	46.7	46.7	46.7	46.7	47.1	47.5
8	29.4	34.7	43.5	46.2	46.2	46.5	46.9	47.5	48.0	48.0	48.0	48.0	48.0	48.0	48.4	49.0
9	30.6	36.1	45.5	48.4	48.4	48.7	49.3	50.0	50.6	50.6	50.6	50.6	50.6	50.6	50.9	51.5
10	32.5	39.8	49.4	53.0	53.1	53.6	54.3	55.0	55.5	55.6	55.6	55.6	55.6	55.6	56.0	56.6
12	34.6	41.4	52.8	56.7	56.9	57.5	58.4	59.1	59.7	59.8	59.8	59.8	59.8	59.8	60.1	60.7
14	34.8	41.7	53.1	57.0	57.3	57.8	58.8	59.4	60.0	60.1	60.1	60.1	60.1	60.1	60.5	61.1
16	35.3	42.9	55.4	59.8	60.1	60.7	61.6	62.3	62.9	63.1	63.1	63.1	63.1	63.1	63.5	64.1
18	36.6	44.6	57.3	62.3	62.7	63.4	64.3	65.0	65.6	65.8	65.8	65.8	65.8	65.8	66.1	66.7
20	38.8	47.9	62.4	68.4	68.8	69.5	70.5	71.2	71.8	72.0	72.0	72.0	72.0	72.0	72.4	72.9
25	40.7	50.3	66.1	72.4	72.7	73.4	74.5	75.2	75.8	76.0	76.0	76.0	76.0	76.2	76.5	77.1
30	42.5	53.0	70.0	77.5	77.9	78.7	79.8	80.5	81.3	81.6	81.6	81.6	81.6	81.7	82.0	82.6
35	43.3	53.9	71.7	79.5	80.1	81.2	82.7	83.4	84.2	84.4	84.4	84.4	84.4	84.6	84.9	85.5
40	44.1	55.1	73.6	81.7	82.3	83.5	85.1	85.8	86.6	86.9	86.9	86.9	86.9	87.0	87.3	87.9
45	44.1	55.1	73.8	82.1	82.8	84.1	85.7	86.4	87.2	87.4	87.4	87.4	87.4	87.6	87.9	88.5
50	44.8	55.9	75.1	83.5	84.1	85.5	87.1	87.8	88.6	88.9	88.9	88.9	88.9	89.1	89.4	90.0
60	45.5	56.9	76.3	85.4	85.9	87.3	89.4	90.1	90.9	91.2	91.4	91.4	91.4	91.6	91.9	92.5
70	45.9	57.3	77.1	86.6	87.2	88.9	91.2	91.9	92.9	93.2	93.3	93.3	93.3	93.5	93.9	94.5
80	45.9	57.4	77.3	86.9	87.4	89.2	91.5	92.3	93.5	94.1	94.2	94.2	94.2	94.5	94.8	95.4
90	45.9	57.5	78.1	87.8	88.4	90.3	92.6	93.4	94.7	95.3	95.4	95.4	95.4	95.6	96.0	96.5
100	46.2	57.8	78.5	88.4	88.9	91.1	93.8	94.6	96.0	96.7	96.9	96.9	96.9	97.1	97.5	98.0
120	46.2	57.8	78.5	88.7	89.3	91.6	94.5	95.3	96.7	97.4	97.7	97.7	97.7	97.9	98.3	98.8
140	46.2	57.8	78.5	88.7	89.3	91.6	94.5	95.3	96.8	97.6	97.9	97.9	97.9	98.2	98.5	99.1
160	46.2	57.8	78.5	88.7	89.3	91.6	94.6	95.4	97.0	97.8	98.2	98.2	98.2	98.5	98.8	99.5
180	46.2	57.8	78.5	88.7	89.3	91.6	94.6	95.4	97.0	97.8	98.2	98.2	98.2	98.5	98.8	99.5
200	46.2	57.8	78.5	88.7	89.3	91.6	94.6	95.4	97.0	97.8	98.2	98.2	98.2	98.5	98.8	99.5
300	46.2	57.8	78.5	88.7	89.3	91.6	94.6	95.4	97.0	97.8	98.2	98.2	98.2	98.5	98.8	99.9
400	46.2	57.8	78.5	88.7	89.3	91.6	94.6	95.4	97.0	97.8	98.2	98.2	98.2	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 858

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1971 HOFENFELS AAF GE

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

VISIBILITY (STATUTE MILES)	OR (HUNDREDS OF METERS)															
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
900	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
800	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
700	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
600	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
500	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
400	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
300	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
200	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
100	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
50	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
25	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
10	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
5	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
1	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	69.3	69.3
0.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
0.25	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
0.1	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
0.05	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
0.025	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
0.01	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
0.005	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
0.0025	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
0.001	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0

TOTAL NUMBER OF OBSERVATIONS 866

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 HOFENFELS AAF GE

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥10	79.7	37.4	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥9	34.6	35.3	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥8	34.7	35.4	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥7	34.9	35.5	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥6	35.5	36.2	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥5	36.0	36.7	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥4	38.2	38.9	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥3	39.4	40.2	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥2	43.9	44.8	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥1	45.1	46.3	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥0	45.5	46.6	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥0	49.4	51.7	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥0	52.2	53.6	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥0	59.1	61.4	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥0	64.9	67.4	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥0	78.6	82.5	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥0	82.1	86.2	90.7	91.2	91.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥0	83.2	87.9	92.9	93.4	93.5	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥0	93.5	88.2	93.3	93.7	93.8	94.2	94.4	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
≥0	94.6	89.4	94.7	95.2	95.3	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥0	95.5	90.6	96.1	96.7	96.8	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥0	95.7	91.2	97.0	97.6	97.7	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥0	95.8	91.3	97.3	97.8	97.9	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥0	95.9	91.7	97.9	98.9	99.0	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0	95.9	91.7	97.9	98.9	99.0	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	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	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	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	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	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	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	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	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	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	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	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 875

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

CEILING VERSUS VISIBILITY

JUN

~~1500-1700~~

TOTAL NUMBER OF OBSERVATIONS all

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715 HOFENFELS AAF GE

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

ELEVATION FEET	VISIBILITY STATUTE MILES															
	210	200	180	160	140	120	100	80	60	40	20	10	5	2	1	0
1000	31.0	32.0	33.7	36.3	36.3	36.4	36.5	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9
900	35.0	36.9	40.1	40.9	40.9	40.9	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.5
800	35.5	37.4	40.7	41.5	41.5	41.6	41.7	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.2
700	35.6	37.5	40.8	41.6	41.6	41.7	41.8	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.3
600	36.0	38.0	41.4	42.2	42.2	42.2	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.8
500	36.6	38.6	42.0	42.8	42.8	42.9	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.5
400	36.4	40.6	44.0	44.9	44.9	45.0	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.6
300	40.0	42.3	45.8	46.8	46.8	46.8	47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.5
200	43.4	46.1	50.1	51.2	51.2	51.3	51.5	51.7	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.1
100	45.1	48.0	52.5	53.9	53.9	54.1	54.3	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.9
0	45.3	48.3	52.8	54.1	54.1	54.3	54.5	54.7	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.1
6000	48.2	51.4	56.6	59.1	58.2	58.3	58.6	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.2
5000	50.7	54.2	59.6	61.2	61.3	61.5	61.8	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.4
4000	55.6	59.7	66.4	69.3	68.4	68.6	68.9	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.5
3000	59.7	64.4	71.8	73.9	74.0	74.3	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.3
2000	57.5	73.5	81.9	84.4	84.5	85.0	85.3	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.8	86.0
1000	69.7	75.7	84.6	87.4	87.6	88.1	88.6	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.3
0	71.1	77.5	86.9	89.8	90.0	90.7	91.1	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.9
900	71.4	77.7	87.2	90.2	90.4	91.1	91.6	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.4
800	72.4	78.9	88.8	92.0	92.2	93.0	93.4	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.3
700	73.7	79.9	89.9	93.5	93.7	94.5	95.1	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.8	96.0
600	73.2	80.3	90.7	94.3	94.5	95.5	96.1	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.9	97.1
500	73.2	80.4	90.9	94.6	94.8	95.7	96.4	96.7	97.0	97.2	97.2	97.2	97.2	97.3	97.4	97.5
400	73.3	80.6	91.6	95.5	95.7	96.8	97.5	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.6
300	73.4	80.7	91.9	95.9	96.1	97.2	98.1	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.2	99.4
200	73.4	80.7	91.9	96.0	96.2	97.4	98.4	98.6	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.7
100	73.4	80.7	91.9	96.0	96.2	97.4	98.4	98.7	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.7
0	73.4	80.7	91.9	96.0	96.2	97.4	98.4	98.7	99.1	99.4	99.5	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3480

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1715

HOHENFELS AAF GE

74-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

260-0820

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	>160	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
>20000	26.2	31.8	39.1	42.8	43.1	43.8	44.2	44.4	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7
20000	27.6	33.9	41.4	45.6	45.9	46.6	47.0	47.0	47.1	47.3	47.4	47.4	47.5	47.5	47.5	47.5
18000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
16000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
14000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
12000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
10000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
8000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
6000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
4000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
2000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
1000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
500	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
200	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
100	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
50	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
20	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
10	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
5	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
2	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
1	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
0	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6

TOTAL NUMBER OF OBSERVATIONS 859

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715

HCHENFELS AAF GF

74-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
>1000	32.3	35.0	39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
2 2000	34.8	37.7	42.5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
2 1800	35.4	38.4	43.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
2 1600	35.4	38.4	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
2 1400	36.0	39.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2 1200	36.4	39.4	44.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
2 1000	36.7	42.2	48.5	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
2 900	39.1	42.6	49.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
2 800	43.2	47.7	54.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2 700	44.3	48.6	56.2	57.8	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
2 600	44.7	48.9	56.6	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
2 500	46.5	52.7	60.0	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
2 450	47.8	53.5	61.8	63.7	63.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
2 400	51.5	57.9	67.9	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
2 350	54.4	61.2	72.3	74.9	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
2 300	59.3	66.5	80.0	83.0	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
2 250	61.5	69.0	83.1	86.5	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
2 200	62.8	70.5	84.9	88.5	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2 180	53.1	71.7	85.4	89.1	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
2 150	64.3	72.2	87.9	92.0	92.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2 120	64.3	72.4	88.5	93.1	93.7	94.4	94.5	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1
2 100	64.5	72.8	89.1	94.7	95.3	96.2	96.5	96.7	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2
2 90	64.7	73.1	89.7	95.8	96.4	97.3	97.8	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
2 80	64.7	73.1	89.9	96.5	97.1	98.0	98.4	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
2 70	64.7	73.1	89.9	96.5	97.1	98.0	98.4	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
2 60	64.7	73.1	89.9	96.7	97.3	98.2	98.7	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8
2 50	64.7	73.1	89.9	96.7	97.3	98.3	98.8	99.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
2 40	64.7	73.1	89.9	96.7	97.3	98.3	98.8	99.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
2 30	64.7	73.1	89.9	96.7	97.3	98.3	98.8	99.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
2 20	64.7	73.1	89.9	96.7	97.3	98.3	98.8	99.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
2 10	64.7	73.1	89.9	96.7	97.3	98.3	98.8	99.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 889

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715 HOHENFELS AAF GE

74-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

ELEVATION FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	210	20	25	24	23	22	27	21	21	21	21	21	21	21	21	20
210	216	GE9	GE8	GE6	GE4	GE3	GE2	GE2	GE2	GE2	GE2	GE2	GE2	GE2	GE2	GE2
2000	31.4	31.2	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
1800	33.7	34.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
1600	33.9	34.6	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
1400	33.2	34.7	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
1200	34.0	34.8	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
1000	34.9	35.8	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
800	36.5	37.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
600	37.5	38.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
400	41.5	43.4	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
200	44.3	46.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
0	48.5	51.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
2000	51.8	54.3	57.9	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
1800	58.7	63.7	67.8	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
1600	63.1	68.9	74.7	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
1400	72.5	79.3	86.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1200	75.1	82.4	89.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
1000	75.6	83.3	91.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
800	75.9	83.5	91.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
600	76.1	84.7	92.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
400	76.5	84.5	93.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
200	76.9	84.8	94.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
2000	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1800	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1600	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1400	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1200	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1000	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
800	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
600	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
400	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
200	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0	76.9	84.8	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 891

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

CEILING VERSUS VISIBILITY

JUL

1500-1720

TOTAL NUMBER OF OBSERVATIONS 855

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

107715 MOHNFEL AAF GF

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

ALL

	VISIBILITY STATUTE MILES																OR IN HUNDREDS OF METERS			
	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	20	22	24	26
1000	30.3	32.7	36.3	37.4	37.4	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
900	32.6	36.3	42.1	41.5	41.6	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0
800	34.1	36.8	44.8	42.0	42.1	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5
700	34.1	36.9	43.9	42.1	42.2	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6
600	34.4	37.1	41.2	42.4	42.5	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9
500	35.2	38.7	42.4	43.6	43.7	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1
400	37.1	40.2	45.4	46.8	46.8	47.0	47.1	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
300	37.8	40.9	46.4	47.9	47.9	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4
200	41.9	46.0	52.1	53.9	53.9	54.1	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
100	44.3	48.7	55.4	57.3	57.4	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
50	44.6	47.7	55.7	57.7	57.8	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
25	47.4	52.8	59.9	62.1	62.2	62.5	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
10	49.9	54.8	62.0	64.3	64.4	64.7	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
5	52.9	61.0	69.6	72.1	72.2	72.6	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1
2	57.2	65.1	74.6	77.4	77.6	78.0	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
1	62.5	71.2	82.1	85.4	85.6	86.0	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.7
0.5	64.2	73.2	84.9	88.5	88.7	89.2	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	90.0
0.25	64.9	74.0	86.0	89.8	90.0	90.7	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
0.1	65.1	74.3	86.3	90.2	90.4	91.1	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
0.05	65.6	74.9	87.8	91.9	92.2	93.1	93.5	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
0.025	65.9	75.4	88.6	93.6	94.0	95.0	95.5	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
0.01	66.0	75.7	89.2	94.3	95.3	96.5	97.0	97.2	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
0.005	66.2	75.9	89.6	95.5	96.0	97.3	98.0	98.2	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
0.0025	66.2	75.9	89.7	95.8	96.3	97.6	98.3	98.6	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
0.001	66.2	75.9	89.7	95.8	96.3	97.6	98.3	98.6	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
0.0005	66.2	75.9	89.7	95.9	96.3	97.7	98.4	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
0.00025	66.2	75.9	89.7	95.9	96.3	97.7	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
0.0001	66.2	75.9	89.7	95.9	96.3	97.7	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
0.00005	66.2	75.9	89.7	95.9	96.3	97.7	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
0.000025	66.2	75.9	89.7	95.9	96.3	97.7	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
0.00001	66.2	75.9	89.7	95.9	96.3	97.7	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 3498

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 WOHNFELS AAF GF

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2500-0800

ELEVATION FEET	VISIBILITY STATUTE MILES															
	00 (HUNDREDS OF METERS)															
	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60
1 UN	14.2	20.3	29.7	36.1	36.2	38.1	40.0	40.6	41.8	41.9	42.3	42.8	43.5	43.9	44.6	44.6
2 2000	15.4	21.6	31.1	38.6	38.7	41.0	43.2	43.9	45.4	45.6	46.1	46.6	47.4	47.9	48.8	48.8
3 1800	15.5	21.7	31.2	38.8	38.9	41.2	43.5	44.1	45.6	45.8	46.3	46.9	47.7	48.1	49.0	49.0
4 1600	15.5	21.7	31.2	38.8	38.9	41.2	43.5	44.1	45.6	45.8	46.3	46.9	47.7	48.1	49.0	49.0
5 1400	15.9	22.2	31.6	39.2	39.4	41.6	43.9	44.6	46.2	46.4	46.9	47.4	48.2	48.7	49.6	49.6
6 1200	16.7	23.1	33.1	41.1	41.2	43.6	45.8	46.5	48.2	48.5	48.9	49.5	50.4	50.9	51.8	51.8
7 1000	17.0	23.4	33.6	42.1	42.3	44.7	47.2	47.9	49.6	49.8	50.3	50.9	51.8	52.2	53.2	53.2
8 900	17.0	23.9	34.2	42.9	43.1	45.5	48.1	48.7	50.4	50.6	51.1	51.6	52.6	53.0	54.0	54.0
9 800	17.9	26.4	38.1	47.4	47.7	50.2	52.7	53.4	55.1	55.3	55.7	56.3	57.3	57.9	59.0	59.0
10 700	19.2	28.2	40.4	50.3	50.5	53.2	55.7	56.5	58.2	58.5	58.9	59.6	60.6	61.2	62.5	62.5
11 600	19.7	28.7	40.8	50.9	51.1	53.8	56.3	57.1	58.8	59.7	59.5	60.2	61.2	61.8	63.0	63.0
12 500	20.4	30.0	42.7	53.4	53.6	56.4	59.2	60.0	61.8	62.0	62.5	63.1	64.3	64.8	66.1	66.1
13 400	21.5	31.5	44.4	55.7	56.0	58.8	61.5	62.3	64.2	64.4	64.8	65.5	66.7	67.2	68.5	68.5
14 300	22.6	33.0	47.2	60.0	60.4	63.9	66.8	67.6	70.0	70.3	70.8	71.4	72.7	73.5	74.7	74.7
15 250	23.7	33.7	48.1	62.1	62.8	66.6	69.5	70.3	72.9	73.4	73.8	74.6	75.9	76.7	77.9	77.9
16 200	24.3	35.4	51.5	67.3	67.8	72.1	75.3	76.1	78.7	79.2	79.6	80.4	81.7	82.5	83.7	83.7
17 150	24.6	36.7	52.2	68.0	68.8	73.4	76.6	77.4	80.0	80.5	81.0	81.8	83.0	83.8	85.1	85.1
18 100	25.1	36.9	53.2	69.3	70.1	74.6	77.9	79.1	82.0	82.7	83.3	84.1	85.3	86.1	87.4	87.4
19 800	25.1	36.9	53.5	69.7	70.6	75.4	78.7	79.9	82.8	83.5	84.1	84.9	86.1	86.9	88.2	88.2
20 700	25.4	37.2	54.0	70.5	71.4	76.3	79.9	81.0	84.0	84.6	85.2	86.0	87.3	88.1	89.3	89.3
21 600	25.7	37.8	55.2	71.8	72.7	78.2	81.9	83.0	86.0	86.7	87.3	88.1	89.3	90.1	91.4	91.4
22 500	26.2	38.2	56.2	73.8	75.0	81.7	84.9	86.1	89.2	89.9	90.4	91.2	92.5	93.3	94.5	94.5
23 400	26.3	38.5	56.7	74.3	75.4	81.5	85.3	86.6	89.9	90.6	91.1	91.9	93.2	94.0	95.2	95.2
24 300	26.5	38.7	57.5	75.1	76.2	82.3	86.1	87.5	90.8	91.5	92.0	92.8	94.1	94.9	96.1	96.1
25 200	26.5	38.8	57.6	75.4	76.6	82.6	86.5	88.1	91.4	92.0	92.8	93.6	94.9	95.7	96.9	96.9
26 100	26.5	38.8	57.6	75.4	76.6	82.6	86.6	88.3	91.6	92.3	93.1	93.9	95.1	95.9	97.2	97.2
27 500	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.7	92.4	93.2	94.1	95.4	96.2	97.5	97.5
28 400	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.9	92.6	93.5	94.5	96.1	96.9	98.2	98.2
29 300	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.9	92.6	93.6	94.7	96.5	97.3	98.6	98.6
30 200	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.9	92.6	93.6	94.7	96.5	97.5	98.4	98.4
31 100	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.9	92.6	93.6	94.7	96.5	97.5	99.9	99.9
32 0	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.9	92.6	93.6	94.7	96.5	97.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 879

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 7715 HOFENFELS AAF GE

74-83

ANG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1130

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	>16	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
>1600	34.2	28.8	37.8	42.2	42.3	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
17000	26.7	31.9	41.6	46.4	46.5	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
18000	26.9	32.1	41.8	46.8	46.9	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
19000	27.1	32.3	41.9	46.9	47.1	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
20000	27.5	32.8	42.5	47.5	47.6	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
21000	28.0	33.5	43.3	48.3	48.4	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
22000	28.9	34.7	45.1	51.2	50.3	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
23000	29.1	35.4	45.7	51.1	51.2	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
24000	32.1	38.6	49.7	55.6	55.7	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
25000	33.5	41.2	51.8	58.0	58.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
26000	33.9	41.6	52.4	58.6	58.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
27000	35.3	42.3	55.6	62.6	62.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
28000	36.2	43.3	56.6	63.6	63.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
29000	36.5	46.9	62.0	69.6	69.7	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
30000	40.8	49.4	65.9	73.9	74.1	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
31000	45.7	54.8	73.1	82.9	83.3	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
32000	46.8	56.1	74.6	84.6	85.1	86.8	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
33000	48.3	57.4	76.5	86.8	87.2	88.9	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
34000	48.5	57.7	77.0	87.3	87.8	89.4	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
35000	49.6	59.3	78.9	89.4	90.1	91.8	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
36000	50.3	60.2	80.3	91.3	92.0	93.9	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
37000	51.6	61.8	81.5	92.5	93.5	96.0	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
38000	51.8	61.1	81.9	92.9	93.9	96.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
39000	51.1	61.3	82.4	93.7	94.7	97.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
40000	51.1	61.3	82.4	93.9	94.9	97.3	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
41000	51.1	61.3	82.4	94.0	95.0	97.4	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
42000	51.1	61.3	82.4	94.0	95.0	97.4	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
43000	51.1	61.3	82.4	94.0	95.0	97.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9
44000	51.1	61.3	82.4	94.0	95.0	97.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
45000	51.1	61.3	82.4	94.0	95.0	97.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 37715 HOHENFELS AAF GF

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-14.00

CEILING FEET		VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
		≥10	GE90	GF80	GE60	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE8	GE6	GE4	GE0
≥2000	2000	31.2	32.9	37.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥1800	1800	33.5	38.5	44.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥1600	1600	35.8	38.8	44.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥1400	1400	36.3	39.3	44.8	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
≥1200	1200	36.6	39.7	45.5	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥1000	1000	38.8	42.0	47.8	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥800	800	39.6	42.8	48.7	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥600	600	42.8	46.2	52.7	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥400	400	44.7	49.3	54.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥200	200	45.0	48.8	55.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥100	100	47.2	51.5	59.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥50	50	49.1	53.5	61.8	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥25	25	54.1	59.2	69.4	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥12.5	12.5	59.0	64.9	76.1	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥6.25	6.25	65.3	72.2	85.6	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥3.125	3.125	66.3	73.3	87.4	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥1.5625	1.5625	67.0	74.3	88.7	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥0.78125	0.78125	67.6	75.0	89.4	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥0.390625	0.390625	68.9	76.4	91.2	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥0.1953125	0.1953125	69.9	77.5	92.7	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥0.09765625	0.09765625	70.2	78.1	93.9	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥0.048828125	0.048828125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0244140625	0.0244140625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.01220703125	0.01220703125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.006103515625	0.006103515625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0030517578125	0.0030517578125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.00152587890625	0.00152587890625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.000762939453125	0.000762939453125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0003814697265625	0.0003814697265625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.00019073486328125	0.00019073486328125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.000095367431640625	0.000095367431640625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0000476837158203125	0.0000476837158203125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.00002384185791015625	0.00002384185791015625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.000011920928955078125	0.000011920928955078125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0000059604644775390625	0.0000059604644775390625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.00000298023223876953125	0.00000298023223876953125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.000001490116119384765625	0.000001490116119384765625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0000007450580596923828125	0.0000007450580596923828125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.00000037252902984619140625	0.00000037252902984619140625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.000000186264514923095703125	0.000000186264514923095703125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0000000931322574615478515625	0.0000000931322574615478515625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.00000004656612873077392578125	0.00000004656612873077392578125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.000000023283064365386962890625	0.000000023283064365386962890625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0000000116415321826934814453125	0.0000000116415321826934814453125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.00000000582076609134674072265625	0.00000000582076609134674072265625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.000000002910383045673370361328125	0.000000002910383045673370361328125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0000000014551915228366851806640625	0.0000000014551915228366851806640625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.00000000072759576141834259033203125	0.00000000072759576141834259033203125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.000000000363797880709171295166015625	0.000000000363797880709171295166015625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0000000001818989403545856475830078125	0.0000000001818989403545856475830078125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.00000000009094947017729282379150390625	0.00000000009094947017729282379150390625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.000000000045474735088646411895751953125	0.000000000045474735088646411895751953125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0000000000227373675443232059478759765625	0.0000000000227373675443232059478759765625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.00000000001136868377216160297393798828125	0.00000000001136868377216160297393798828125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.000000000005684341886080301486968994140625	0.000000000005684341886080301486968994140625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.0000000000028421709430401507434844970703125	0.0000000000028421709430401507434844970703125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.000000000001421085471520075371742248853515625	0.000000000001421085471520075371742248853515625	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.00000000000071054273576003768587112442678125	0.00000000000071054273576003768587112442678125	70.2	78.1	94.1	98.1	98.1	98.5	98.5	98.5	98.5	98.						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 27715 HOFENFELS AAF GE

74-83

AMS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1540-1700

CEILING (FEET)	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	210	24	25	24	23	22	21	21	21	21	21	21	21	21	21	21
2100	37.9	39.6	41.4	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
1800	44.4	45.2	46.9	48.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
1500	45.7	46.5	48.1	49.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
1200	45.9	46.7	48.3	49.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
900	46.2	47.1	48.6	50.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
600	46.3	47.3	48.7	50.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
300	49.1	50.3	51.4	52.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
100	54.6	56.8	58.1	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
0	57.1	59.5	61.0	62.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
2100	57.7	60.1	61.6	63.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
1800	51.7	64.5	66.0	67.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
1500	53.0	66.8	68.3	69.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
1200	67.7	72.2	73.6	75.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
900	74.8	81.7	83.1	84.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
600	76.0	82.3	83.7	85.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
300	76.1	82.7	84.1	85.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
100	76.1	82.7	84.1	85.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
0	76.1	82.7	84.1	85.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
2100	76.9	83.5	84.9	86.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
1800	77.0	83.9	85.3	86.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1500	77.0	83.9	85.3	86.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1200	77.0	83.9	85.3	86.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
900	77.0	83.9	85.3	86.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
600	77.0	83.9	85.3	86.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
300	77.0	83.9	85.3	86.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
100	77.0	83.9	85.3	86.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
0	77.0	83.9	85.3	86.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0

TOTAL NUMBER OF OBSERVATIONS 878

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715

HOFENFELS AAF GE

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

VISIBILITY: STATUTE MILES																	OR (HUNDREDS OF METERS)																
	≥10	GE90	GF80	GE60	GE48	GE40	GE37	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GF24	≥0	GE0	GE90	GF80	GE60	GE48	GE40	GE37	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GF24	≥0	
1000	26.6	30.1	36.6	39.8	39.9	40.5	41.0	41.2	41.5	41.5	41.6	41.7	41.9	42.0	42.2		26.6	30.1	36.6	39.8	39.9	40.5	41.0	41.2	41.5	41.5	41.6	41.7	41.9	42.0	42.2		
900	10.5	34.3	41.4	45.1	45.1	45.8	46.5	46.6	47.0	47.0	47.2	47.3	47.5	47.6	47.8		10.5	34.3	41.4	45.1	45.1	45.8	46.5	46.6	47.0	47.0	47.2	47.3	47.5	47.6	47.8		
800	7.8	34.7	41.8	45.5	45.6	46.3	46.9	47.1	47.4	47.5	47.6	47.8	47.9	48.1	48.3		7.8	34.7	41.8	45.5	45.6	46.3	46.9	47.1	47.4	47.5	47.6	47.8	47.9	48.1	48.3		
700	11.1	34.9	42.0	45.8	45.8	46.5	47.2	47.3	47.7	47.8	47.9	48.0	48.2	48.3	48.5		11.1	34.9	42.0	45.8	45.8	46.5	47.2	47.3	47.7	47.8	47.9	48.0	48.2	48.3	48.5		
600	11.4	35.3	42.4	46.2	46.2	46.9	47.6	47.8	48.1	48.2	48.3	48.5	48.7	48.8	49.0		11.4	35.3	42.4	46.2	46.2	46.9	47.6	47.8	48.1	48.2	48.3	48.5	48.7	48.8	49.0		
500	11.9	35.8	43.2	47.1	47.2	48.0	48.7	48.8	49.3	49.3	49.4	49.6	49.8	49.9	50.1		11.9	35.8	43.2	47.1	47.2	48.0	48.7	48.8	49.3	49.3	49.4	49.6	49.8	49.9	50.1		
400	13.2	37.4	44.9	49.0	49.1	50.0	50.7	50.8	51.3	51.3	51.4	51.6	51.8	51.9	52.2		13.2	37.4	44.9	49.0	49.1	50.0	50.7	50.8	51.3	51.3	51.4	51.6	51.8	51.9	52.2		
300	13.7	38.1	45.8	49.9	50.0	50.9	51.6	51.7	52.2	52.2	52.3	52.5	52.7	52.8	53.1		13.7	38.1	45.8	49.9	50.0	50.9	51.6	51.7	52.2	52.2	52.3	52.5	52.7	52.8	53.1		
200	16.8	42.0	52.6	55.3	55.4	56.3	57.0	57.1	57.6	57.6	57.7	57.9	58.1	58.3	58.5		16.8	42.0	52.6	55.3	55.4	56.3	57.0	57.1	57.6	57.6	57.7	57.9	58.1	58.3	58.5		
100	38.6	44.0	53.0	58.0	58.1	59.0	59.7	59.9	60.3	60.4	60.5	60.7	60.9	61.1	61.4		38.6	44.0	53.0	58.0	58.1	59.0	59.7	59.9	60.3	60.4	60.5	60.7	60.9	61.1	61.4		
000	41.1	44.5	53.5	58.5	58.6	59.6	60.3	60.5	60.9	61.0	61.1	61.2	61.5	61.6	62.0		41.1	44.5	53.5	58.5	58.6	59.6	60.3	60.5	60.9	61.0	61.1	61.2	61.5	61.6	62.0		
900	41.1	47.1	57.2	62.7	62.7	63.7	64.5	64.7	65.1	65.2	65.3	65.5	65.7	65.9	66.2		41.1	47.1	57.2	62.7	62.7	63.7	64.5	64.7	65.1	65.2	65.3	65.5	65.7	65.9	66.2		
800	42.4	48.8	59.1	64.7	64.8	65.8	66.5	66.7	67.2	67.2	67.4	67.5	67.8	67.9	68.3		42.4	48.8	59.1	64.7	64.8	65.8	66.5	66.7	67.2	67.2	67.4	67.5	67.8	67.9	68.3		
700	45.7	52.8	64.5	70.8	70.9	72.1	72.9	73.1	73.7	73.8	73.9	74.1	74.4	74.6	74.9		45.7	52.8	64.5	70.8	70.9	72.1	72.9	73.1	73.7	73.8	73.9	74.1	74.4	74.6	74.9		
600	44.3	56.0	68.4	75.3	75.6	76.9	77.7	77.9	78.6	78.7	78.8	79.0	79.3	79.5	79.8		44.3	56.0	68.4	75.3	75.6	76.9	77.7	77.9	78.6	78.7	78.8	79.0	79.3	79.5	79.8		
500	52.6	61.0	75.0	83.7	83.3	84.9	85.8	86.0	86.7	86.8	86.9	87.1	87.4	87.6	87.9		52.6	61.0	75.0	83.7	83.3	84.9	85.8	86.0	86.7	86.8	86.9	87.1	87.4	87.6	87.9		
400	53.4	62.0	76.5	84.6	85.0	86.7	87.6	87.9	88.5	88.7	88.8	89.0	89.3	89.5	89.8		53.4	62.0	76.5	84.6	85.0	86.7	87.6	87.9	88.5	88.7	88.8	89.0	89.3	89.5	89.8		
300	54.2	62.9	77.7	86.0	86.3	88.1	89.1	89.4	90.2	90.3	90.5	90.7	91.0	91.2	91.5		54.2	62.9	77.7	86.0	86.3	88.1	89.1	89.4	90.2	90.3	90.5	90.7	91.0	91.2	91.5		
200	54.4	63.1	78.1	86.4	86.8	88.6	89.6	89.9	90.7	90.9	91.0	91.2	91.5	91.7	92.0		54.4	63.1	78.1	86.4	86.8	88.6	89.6	89.9	90.7	90.9	91.0	91.2	91.5	91.7	92.0		
100	55.0	63.9	79.4	87.9	88.2	90.2	91.3	91.6	92.4	92.6	92.7	92.9	93.2	93.4	93.7		55.0	63.9	79.4	87.9	88.2	90.2	91.3	91.6	92.4	92.6	92.7	92.9	93.2	93.4	93.7		
000	55.7	64.8	80.6	89.3	89.7	92.0	93.3	93.6	94.4	94.6	94.7	94.9	95.2	95.4	95.7		55.7	64.8	80.6	89.3	89.7	92.0	93.3	93.6	94.4	94.6	94.7	94.9	95.2	95.4	95.7		
900	56.0	65.3	81.7	90.7	91.3	93.9	95.3	95.8	96.5	96.7	96.9	97.0	97.4	97.6	97.9		56.0	65.3	81.7	90.7	91.3	93.9	95.3	95.8	96.5	96.7	96.9	97.0	97.4	97.6	97.9		
800	56.1	65.4	81.9	90.9	91.5	94.1	95.6	96.0	96.8	97.0	97.1	97.3	97.7	97.9	98.2		56.1	65.4	81.9	90.9	91.5	94.1	95.6	96.0	96.8	97.0	97.1	97.3	97.7	97.9	98.2		
700	56.2	65.5	82.3	91.3	92.0	94.6	96.0	96.5	97.3	97.5	97.6	97.8	98.2	98.4	98.7		56.2	65.5	82.3	91.3	92.0	94.6	96.0	96.5	97.3	97.5	97.6	97.8	98.2	98.4	98.7		
600	56.2	65.6	82.3	91.5	92.1	94.7	96.2	96.8	97.6	97.8	98.0	98.2	98.5	98.7	99.0		56.2	65.6	82.3	91.5	92.1	94.7	96.2	96.8	97.6	97.8	98.0	98.2	98.5	98.7	99.0		
500	56.2	65.6	82.3	91.5	92.2	94.8	96.3	96.9	97.8	97.9	98.1	98.3	98.6	98.8	99.2		56.2	65.6	82.3	91.5	92.2	94.8	96.3	96.9	97.8	97.9	98.1	98.3	98.6	98.8	99.2		
400	56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.8	98.0	98.2	98.4	98.6	98.8	99.3		56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.8	98.0	98.2	98.4	98.6	98.8	99.3		
300	56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.3	98.6	98.8	99.1	99.6		56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.3	98.6	98.8	99.1	99.6		
200	56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.3	98.6	98.8	99.1	99.4		56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.3	98.6	98.8	99.1	99.4		
100	56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.3	98.6	98.8	99.1	99.4		56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.3	98.6	98.8	99.1	99.4		
000	56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.3	98.6	98.8	99.1	100.0		56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.3	98.6	98.8	99.1	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 3556

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1715

HOFENFELS AAF GF

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0000

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
2000	10.0	12.7	18.2	22.3	22.8	25.1	26.3	27.6	28.5	29.0	29.9	31.5	33.2	34.5	38.0	32.7
1800	10.0	12.7	18.3	22.4	22.9	25.1	26.5	27.1	28.7	29.1	30.0	31.6	33.3	34.6	38.3	
1600	10.0	12.7	18.5	22.7	23.2	25.4	26.7	27.3	28.9	29.4	30.2	31.9	33.5	34.9	38.5	
1400	10.0	12.7	18.5	22.8	23.3	25.5	26.8	27.4	29.0	29.5	30.4	31.0	33.7	35.0	38.7	
1200	10.2	12.9	18.9	23.2	23.7	25.9	27.2	27.8	29.4	29.9	30.7	31.3	34.0	35.3	39.1	
1000	11.9	13.5	19.9	24.3	24.8	27.0	28.3	28.9	30.7	31.2	32.2	32.9	36.1	37.6	41.7	
800	11.0	13.7	20.4	25.1	25.9	28.7	29.5	30.2	32.2	32.7	33.8	34.5	37.9	39.4	43.5	
600	12.2	15.0	22.9	28.0	28.8	31.7	33.2	33.9	36.3	36.8	37.9	38.7	42.3	43.9	48.2	
400	13.3	16.5	25.4	31.0	31.7	34.1	36.2	37.1	39.9	40.5	41.6	42.3	46.1	47.7	52.1	
200	13.9	17.1	26.1	32.0	32.7	35.1	37.3	38.2	41.0	41.6	42.7	43.4	47.2	48.8	53.2	
100	15.0	18.3	28.2	34.9	35.6	38.0	40.4	41.2	44.0	44.6	45.7	46.5	50.4	52.0	56.3	
50	15.2	18.7	28.8	35.6	36.3	39.0	41.3	42.2	45.0	45.6	46.7	47.4	51.3	52.9	57.3	
25	16.6	21.0	31.5	39.4	40.2	42.9	45.4	46.2	49.1	49.8	51.0	51.8	55.7	57.4	62.0	
12.5	17.2	21.7	33.3	42.0	42.8	45.9	48.3	49.3	52.3	52.9	54.4	55.2	59.1	60.9	65.4	
6.25	19.1	24.4	38.3	48.2	49.1	52.7	55.1	56.1	59.1	59.8	61.3	62.2	66.3	68.0	72.7	
3.125	19.4	24.8	39.5	49.8	50.7	54.5	57.4	58.7	61.7	62.3	63.9	64.8	68.9	70.6	75.2	
1.5625	20.0	25.4	40.5	51.2	52.2	56.0	58.9	60.1	63.7	64.4	66.1	67.0	71.1	72.9	77.6	
0.78125	20.6	26.5	42.1	54.1	55.1	59.1	62.1	63.3	67.0	67.8	69.5	70.4	74.5	76.3	81.0	
0.390625	20.7	26.6	42.6	55.4	56.3	60.4	63.4	64.6	68.5	69.4	71.2	72.4	76.6	78.4	83.0	
0.1953125	20.9	26.7	43.2	56.5	57.4	61.6	64.6	66.0	70.4	71.2	73.0	74.3	78.5	80.5	85.1	
0.09765625	21.0	26.8	43.3	56.8	57.8	62.1	65.5	66.8	71.5	72.3	74.1	75.4	79.6	81.6	86.2	
0.048828125	21.1	27.2	43.7	57.3	58.3	62.7	66.2	67.6	72.3	73.2	75.1	76.3	80.6	82.6	87.2	
0.0244140625	21.1	27.2	43.7	57.4	58.4	62.9	66.6	67.9	72.8	73.7	75.6	77.0	81.5	83.4	88.0	
0.01220703125	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.0	73.9	75.9	77.2	81.7	83.7	88.3	
0.006103515625	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.2	74.0	76.0	77.3	82.1	84.0	88.9	
0.0030517578125	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.2	74.0	76.0	77.3	82.1	84.0	88.9	
0.00152587890625	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.3	74.1	76.1	77.4	83.4	85.1	90.1	
0.000762939453125	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.3	74.1	76.2	77.6	83.7	85.6	90.3	
0.0003814697265625	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.3	74.1	76.2	77.6	84.0	87.1	90.0	

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
7715

STATION NAME
HOFENFELS AAF GF

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	20 1/16	24 3/8	25 5/16	26 1/4	27 3/8	28 1/2	29 5/8	30 3/4	31 7/8	32 1	33 1 1/8	34 1 1/4	35 1 1/2	36 1 3/4	37 1 7/8	38 2
20000	17.0	24.3	32.2	38.4	38.8	40.2	41.6	41.9	42.1	42.1	42.4	42.5	42.6	42.7	42.7	42.7
18000	20.2	24.5	32.5	38.7	39.2	40.5	41.9	42.2	42.5	42.5	42.7	42.8	42.9	43.0	43.0	43.0
16000	20.2	24.5	32.5	38.7	39.2	40.5	41.9	42.2	42.5	42.5	42.7	42.8	42.9	43.0	43.0	43.0
14000	20.3	24.7	32.6	38.8	39.3	40.6	42.0	42.4	42.6	42.6	42.8	42.9	43.0	43.2	43.2	43.2
12000	20.8	25.1	33.1	39.4	39.8	41.2	42.6	42.9	43.2	43.2	43.4	43.5	43.6	43.7	43.7	43.7
10000	21.6	26.0	34.7	41.0	41.4	42.8	44.3	44.6	44.9	44.9	45.1	45.2	45.3	45.4	45.4	45.4
9000	22.0	26.7	35.8	42.2	42.7	44.1	45.5	45.9	46.1	46.1	46.3	46.5	46.6	46.7	46.7	46.7
8000	24.9	37.3	41.1	47.8	48.3	49.7	51.4	51.7	52.1	52.1	52.3	52.4	52.5	52.6	52.6	52.6
7000	26.5	32.4	44.4	51.5	51.9	53.3	55.1	55.5	55.8	55.8	56.1	56.3	56.4	56.5	56.5	56.5
6000	26.8	33.7	45.2	52.3	52.7	54.1	55.9	56.3	56.6	56.6	56.8	57.1	57.2	57.3	57.3	57.3
5000	28.5	34.8	48.1	55.6	56.2	57.8	59.6	59.9	60.3	60.3	60.5	60.7	60.8	61.0	61.0	61.0
4500	29.1	35.6	48.9	56.6	57.2	59.0	60.8	61.2	61.5	61.5	61.8	62.0	62.1	62.2	62.2	62.2
4000	31.6	38.4	52.2	60.7	61.3	63.2	65.2	65.5	66.1	66.1	66.3	66.6	66.7	66.8	66.8	66.8
3500	33.7	41.3	56.2	64.7	65.6	67.7	69.7	70.1	70.8	70.8	71.0	71.2	71.3	71.5	71.5	71.5
3000	36.0	44.6	62.8	70.1	71.0	73.2	75.3	75.8	76.5	76.5	76.7	76.9	77.1	77.2	77.2	77.2
2500	37.4	46.5	63.1	73.2	74.1	76.4	78.5	79.1	79.9	79.9	80.1	80.4	80.5	80.6	80.6	80.6
2000	38.7	47.9	65.2	75.3	76.4	78.7	80.8	81.4	82.4	82.4	82.6	82.9	83.0	83.1	83.1	83.1
1800	38.9	48.2	65.6	75.8	76.8	79.1	81.3	81.8	82.9	82.9	83.1	83.3	83.4	83.6	83.6	83.6
1600	39.8	49.4	67.8	79.2	80.4	82.9	85.5	86.3	87.3	87.3	87.7	87.9	88.0	88.1	88.1	88.1
1400	41.5	51.1	68.6	81.4	81.7	84.2	87.0	87.8	89.0	89.2	89.6	90.0	90.1	90.2	90.2	90.2
1200	40.5	50.1	69.1	81.3	82.8	85.4	88.1	88.9	90.5	90.6	91.6	91.9	92.0	92.2	92.2	92.2
1000	40.5	50.2	69.2	81.5	83.0	85.7	88.8	89.7	91.4	91.6	92.6	92.9	93.0	93.3	93.3	93.3
900	40.6	50.5	69.4	82.2	83.7	86.6	89.7	90.6	92.6	92.7	93.7	94.1	94.2	94.4	94.4	94.4
800	40.6	50.5	69.4	82.5	84.0	87.1	90.8	91.9	94.3	94.4	95.4	95.8	95.9	96.1	96.1	96.1
700	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	96.8	97.5	97.9	98.2	98.2
600	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	96.8	97.5	97.9	98.2	98.2
500	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	96.8	97.5	97.9	98.2	98.2
400	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	96.8	97.5	97.9	98.2	98.2
300	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	96.8	97.5	97.9	98.2	98.2
200	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	96.8	97.5	97.9	98.2	98.2
100	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	96.8	97.5	97.9	98.2	98.2
0	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	96.8	97.5	97.9	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

HOHENFELS AAF GE

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	210	200	180	160	140	120	100	80	60	40	20	10	5	2.5	1.5	1.0
20000	78.5	37.9	34.8	37.4	37.7	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
18000	73.2	36.4	41.9	44.6	44.9	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
16000	34.2	37.6	43.3	46.0	46.2	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
14000	34.2	37.6	43.3	46.0	46.2	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
12000	34.6	38.1	44.1	46.8	47.0	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
10000	34.8	38.5	44.5	47.3	47.5	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
8000	36.4	40.1	46.6	49.3	49.5	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
6000	36.8	40.4	47.0	49.9	50.1	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
4000	41.5	45.5	53.8	56.8	57.1	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
2000	42.2	47.3	56.7	59.9	60.2	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
1000	42.6	47.6	57.1	60.3	60.5	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
500	45.2	50.8	61.5	63.7	63.9	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
400	46.6	52.3	62.2	65.6	65.9	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
300	48.6	54.8	65.6	69.4	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
200	52.3	59.4	70.4	74.3	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
100	59.2	66.3	79.6	84.4	84.7	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
50	61.4	69.5	83.7	88.7	89.0	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
20	63.1	71.3	86.0	91.1	91.4	91.9	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
10	63.2	71.6	86.5	91.7	92.0	92.6	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
5	63.4	71.8	87.6	93.3	93.6	94.3	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2.5	63.7	72.6	88.4	94.2	94.5	95.2	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
1.5	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1.0	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.5	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.25	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.15	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.10	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.05	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.025	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.015	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.010	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.005	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.0025	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.0015	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.0010	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.0005	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.00025	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.00015	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.00010	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.00005	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 876

CEILING VERSUS VISIBILITY

74-83

SFP

1500-1700

TOTAL NUMBER OF OBSERVATIONS 830

USAF ETAC ^{FORM} _{1 JUL 64} 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715

HOWENFELS AAF GE

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY: STATUTE MILES															
	210	200	250	240	230	220	210	200	150	140	130	120	110	100	90	80
21000	22.6	25.3	31.0	33.3	33.6	34.6	35.3	35.4	35.8	35.9	36.1	36.2	36.8	37.2	37.9	37.9
20000	26.9	30.1	35.9	39.6	39.9	40.9	41.6	41.9	42.3	42.4	42.7	42.9	43.5	43.9	44.7	44.7
18000	27.4	30.7	36.7	40.4	40.7	41.7	42.4	42.6	43.1	43.2	43.4	43.6	44.3	44.7	45.5	45.5
16000	27.5	30.8	36.8	40.5	40.8	41.8	42.5	42.7	43.2	43.3	43.6	43.7	44.4	44.8	45.6	45.6
14000	27.8	31.1	37.2	40.9	41.2	42.2	42.9	43.2	43.6	43.7	44.0	44.2	44.9	45.2	46.1	46.1
12000	28.2	31.6	37.9	41.6	41.9	42.9	43.6	43.9	44.3	44.4	44.7	44.9	45.5	45.9	46.8	46.8
10000	29.5	33.0	39.8	43.5	43.8	44.8	45.6	45.8	46.3	46.4	46.7	46.9	47.7	48.1	49.1	49.1
8000	30.0	33.6	40.7	44.6	45.0	46.0	46.8	47.0	47.6	47.7	48.0	48.2	49.1	49.4	50.4	50.4
6000	32.9	37.3	45.7	49.9	50.2	51.3	52.3	52.5	53.2	53.3	53.6	53.9	54.8	55.2	56.2	56.2
4000	34.2	38.9	48.5	52.9	53.2	54.3	55.3	55.6	56.4	56.5	56.8	57.1	58.0	58.4	59.5	59.5
2000	34.6	39.4	49.0	53.5	53.9	54.9	56.0	56.3	57.0	57.2	57.5	57.7	58.7	59.1	60.1	60.1
1000	36.6	41.7	51.9	56.9	57.3	58.4	59.5	59.8	60.5	60.7	61.0	61.2	62.2	62.6	63.7	63.7
500	42.7	42.9	53.4	58.6	58.9	60.2	61.3	61.6	62.3	62.5	62.8	63.0	64.0	64.4	65.5	65.5
200	42.7	46.2	57.3	63.1	63.6	64.8	66.0	66.3	67.1	67.3	67.6	67.9	68.8	69.3	70.4	70.4
100	42.7	49.1	61.2	67.2	67.7	69.1	70.3	70.6	71.5	71.6	72.0	72.3	73.3	73.7	74.8	74.8
50	46.1	53.3	67.2	74.0	74.6	76.1	77.4	77.7	78.6	78.8	79.2	79.5	80.5	81.0	82.1	82.1
25	47.6	55.0	69.6	76.8	77.3	79.0	80.4	80.8	81.7	81.9	82.3	82.6	83.6	84.1	85.2	85.2
12.5	48.7	56.1	71.2	78.6	79.2	80.9	82.3	82.8	83.9	84.1	84.5	84.8	85.8	86.3	87.4	87.4
6.25	48.8	56.3	71.5	79.0	79.5	81.3	82.7	83.2	84.5	84.6	85.1	85.4	86.4	86.9	88.0	88.0
3.125	49.2	56.9	72.7	81.1	81.7	83.5	85.2	85.7	87.0	87.2	87.7	88.0	89.0	89.5	90.6	90.6
1.5625	49.6	57.5	73.5	82.1	82.9	84.7	86.4	87.0	88.5	88.8	89.3	89.7	90.7	91.2	92.3	92.3
0.78125	49.6	57.6	73.8	82.7	83.6	85.6	87.4	88.0	89.7	90.0	90.7	91.0	92.1	92.6	93.7	93.7
0.390625	49.7	57.6	73.9	82.9	83.7	85.8	87.9	88.5	90.4	90.6	91.3	91.7	92.7	93.3	94.4	94.4
0.1953125	49.7	57.8	74.2	83.3	84.2	86.3	88.4	89.2	91.2	91.4	92.1	92.5	93.6	94.1	95.2	95.2
0.09765625	49.7	57.9	74.2	83.5	84.4	86.5	88.8	89.6	91.7	91.9	92.6	93.0	94.2	94.7	95.8	95.8
0.048828125	49.7	57.9	74.2	83.5	84.4	86.6	88.9	89.7	91.9	92.1	92.9	93.3	94.4	94.9	96.0	96.0
0.0244140625	49.7	57.9	74.2	83.6	84.5	86.6	88.9	89.8	92.1	92.4	93.2	93.6	94.8	95.4	96.6	96.6
0.01220703125	49.7	57.9	74.2	83.6	84.5	86.6	88.9	89.8	92.2	92.5	93.3	93.8	95.5	96.3	98.3	98.3
0.006103515625	49.7	57.9	74.2	83.6	84.5	86.6	88.9	89.8	92.2	92.5	93.3	93.8	95.6	96.4	99.0	99.0
0.0030517578125	49.7	57.9	74.2	83.6	84.5	86.6	88.9	89.8	92.2	92.5	93.3	93.8	95.6	96.5	99.3	99.3
0.00152587890625	49.7	57.9	74.2	83.6	84.5	86.6	88.9	89.8	92.2	92.5	93.3	93.8	95.8	96.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715

HOMERFELS AAF GE

74-83

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0800
HOURS

ELEVATION FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)															
	GE16	GE90	GE80	GE60	GE48	GE44	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE02	GE16	GE90	GE80	GE60	GE48	GE44	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE02
20000	5.5	6.9	9.6	11.8	11.9	12.3	13.6	13.7	14.7	14.7	15.1	15.5	16.5	17.0	19.7		6.8	8.5	11.6	14.1	14.2	14.6	16.2	16.4	17.6	17.6	18.0	18.4	19.5	20.1	23.0	
18000	6.9	8.9	11.9	14.5	14.6	15.7	16.5	16.8	18.7	18.0	18.4	19.7	19.8	20.4	23.4		6.9	8.9	11.9	14.5	14.6	15.7	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4	
16000	6.9	8.9	11.9	14.5	14.6	15.7	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4		6.9	8.9	11.9	14.5	14.6	15.7	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4	
14000	6.9	8.9	11.9	14.5	14.6	15.7	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4		6.9	8.9	11.9	14.5	14.6	15.7	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4	
12000	6.9	8.9	11.9	14.5	14.6	15.7	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4		6.9	8.9	11.9	14.5	14.6	15.7	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4	
10000	6.9	8.9	11.9	14.5	14.6	15.7	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4		6.9	8.9	11.9	14.5	14.6	15.7	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4	
8000	7.2	9.4	12.9	15.9	16.1	16.4	18.1	18.4	19.6	19.6	20.0	20.4	21.5	22.1	25.1		7.2	9.4	12.9	15.9	16.1	16.4	18.1	18.4	19.6	19.6	20.0	20.4	21.5	22.1	25.1	
6000	8.9	11.6	15.5	18.9	19.2	19.6	21.8	22.1	23.6	23.6	24.3	24.8	26.2	26.8	29.7		8.9	11.6	15.5	18.9	19.2	19.6	21.8	22.1	23.6	23.6	24.3	24.8	26.2	26.8	29.7	
4000	9.4	12.3	16.7	21.0	21.2	21.9	24.2	24.8	26.4	26.4	27.4	27.9	29.2	29.9	32.8		9.4	12.3	16.7	21.0	21.2	21.9	24.2	24.8	26.4	26.4	27.4	27.9	29.2	29.9	32.8	
2000	9.4	12.3	16.7	21.0	21.2	21.9	24.2	24.8	26.4	26.4	27.4	27.9	29.2	29.9	32.8		9.4	12.3	16.7	21.0	21.2	21.9	24.2	24.8	26.4	26.4	27.4	27.9	29.2	29.9	32.8	
0	9.9	12.8	17.3	21.8	21.9	22.6	24.9	25.5	27.1	27.1	28.1	28.7	30.0	30.8	33.7		9.9	12.8	17.3	21.8	21.9	22.6	24.9	25.5	27.1	27.1	28.1	28.7	30.0	30.8	33.7	
10000	10.1	13.0	17.5	22.1	22.3	23.0	25.3	25.9	27.5	27.5	28.5	29.1	30.4	31.1	34.1		10.1	13.0	17.5	22.1	22.3	23.0	25.3	25.9	27.5	27.5	28.5	29.1	30.4	31.1	34.1	
8000	11.6	15.1	20.8	25.8	25.9	27.5	29.9	30.5	32.1	32.1	33.1	33.7	35.0	35.9	38.8		11.6	15.1	20.8	25.8	25.9	27.5	29.9	30.5	32.1	32.1	33.1	33.7	35.0	35.9	38.8	
6000	12.2	16.2	23.1	28.5	28.6	30.5	33.2	33.8	35.6	35.6	36.6	37.2	38.6	39.4	42.3		12.2	16.2	23.1	28.5	28.6	30.5	33.2	33.8	35.6	35.6	36.6	37.2	38.6	39.4	42.3	
4000	12.8	17.5	25.3	31.3	31.4	33.8	37.0	37.7	39.9	39.9	41.0	41.6	43.1	43.9	46.8		12.8	17.5	25.3	31.3	31.4	33.8	37.0	37.7	39.9	39.9	41.0	41.6	43.1	43.9	46.8	
2000	13.1	18.7	27.6	34.1	34.2	36.7	40.4	41.2	43.7	43.7	44.8	45.5	47.0	47.8	50.7		13.1	18.7	27.6	34.1	34.2	36.7	40.4	41.2	43.7	43.7	44.8	45.5	47.0	47.8	50.7	
0	14.1	20.3	30.4	37.5	37.7	40.8	44.8	45.6	48.1	48.2	49.4	50.2	51.8	52.7	55.6		14.1	20.3	30.4	37.5	37.7	40.8	44.8	45.6	48.1	48.2	49.4	50.2	51.8	52.7	55.6	
10000	14.4	20.6	30.7	37.8	38.1	41.1	45.1	46.0	48.4	48.5	49.9	50.7	52.3	53.2	56.1		14.4	20.6	30.7	37.8	38.1	41.1	45.1	46.0	48.4	48.5	49.9	50.7	52.3	53.2	56.1	
8000	15.1	21.7	33.0	40.6	41.1	44.6	48.9	49.9	52.6	52.7	54.1	55.0	56.6	57.4	60.3		15.1	21.7	33.0	40.6	41.1	44.6	48.9	49.9	52.6	52.7	54.1	55.0	56.6	57.4	60.3	
6000	15.7	22.4	35.2	43.3	43.8	47.7	52.3	53.3	56.1	56.2	58.0	58.9	60.5	61.3	64.2		15.7	22.4	35.2	43.3	43.8	47.7	52.3	53.3	56.1	56.2	58.0	58.9	60.5	61.3	64.2	
4000	16.7	24.1	37.8	46.5	47.0	51.5	56.6	57.7	60.8	60.9	63.0	63.9	65.6	66.4	69.5		16.7	24.1	37.8	46.5	47.0	51.5	56.6	57.7	60.8	60.9	63.0	63.9	65.6	66.4	69.5	
2000	16.8	24.3	38.4	47.1	47.7	52.4	58.0	59.2	62.7	62.8	65.0	65.8	67.5	68.5	71.5		16.8	24.3	38.4	47.1	47.7	52.4	58.0	59.2	62.7	62.8	65.0	65.8	67.5	68.5	71.5	
0	17.3	25.3	39.8	48.7	49.3	54.5	60.3	61.6	65.5	65.6	68.2	69.2	70.9	71.9	75.1		17.3	25.3	39.8	48.7	49.3	54.5	60.3	61.6	65.5	65.6	68.2	69.2	70.9	71.9	75.1	
10000	17.8	25.9	40.5	49.6	50.2	55.5	61.8	63.3	67.6	67.8	70.4	71.7	73.4	74.3	77.5		17.8	25.9	40.5	49.6	50.2	55.5	61.8	63.3	67.6	67.8	70.4	71.7	73.4	74.3	77.5	
8000	17.8	26.2	40.8	50.1	50.9	56.2	62.5	64.1	68.7	68.9	71.8	73.0	75.1	76.2	79.3		17.8	26.2	40.8	50.1	50.9	56.2	62.5	64.1	68.7	68.9	71.8	73.0	75.1	76.2	79.3	
6000	17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.6	70.4	70.6	73.7	75.8	78.0	79.2	82.5		17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.6	70.4	70.6	73.7	75.8	78.0	79.2	82.5	
4000	17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	80.2	82.1	88.6		17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	80.2	82.1	88.6	
2000	17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	80.8	83.6	92.1		17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	80.8	83.6	92.1	
0	17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	81.1	84.2	96.4		17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	81.1	84.2	96.4	

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 MOHENFEL AAF GF

74-83

QCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

		VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)				
		1/8	1/4	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
1000	9.9	11.2	14.5	16.5	16.6	17.5	17.8	17.8	18.2	19.2	18.3	19.3	18.4	18.7	19.3							
900	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
800	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
700	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
600	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
500	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
400	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
300	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
200	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
100	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
50	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
25	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
10	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
5	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
2	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							
1	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1							

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715
STATION

HOHENFELS AAF GF
STATION NAME

74-83
YEAR

067
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	OP (HUNDREDS OF METERS)															
>6	20	GF00	GE00	GE40	GE40	GE20	GE20	GE20	GE10	GF10	GE10	GE00	GE00	GF00	GE00	GE00
1000	15.3	16.6	21.6	23.9	23.9	24.1	24.3	24.3	24.3	24.3	24.3	24.4	24.4	24.5	24.5	24.5
900	16.4	21.5	26.3	29.0	29.1	29.5	29.7	29.7	29.7	29.7	29.7	29.8	29.8	29.9	29.9	29.9
800	16.7	21.2	27.1	29.9	30.0	30.4	30.6	30.6	30.6	30.6	30.6	30.7	30.7	30.8	30.8	30.8
700	16.7	21.2	27.1	29.9	30.0	30.4	30.6	30.6	30.6	30.6	30.6	30.7	30.7	30.8	30.8	30.8
600	16.9	21.3	27.2	30.0	30.2	30.6	30.7	30.7	30.7	30.7	30.7	30.8	30.8	30.9	30.9	30.9
500	16.8	22.2	28.2	31.1	31.2	31.6	31.7	31.7	31.7	31.7	31.7	31.8	31.8	32.0	32.0	32.0
400	17.2	22.6	29.3	32.2	32.3	32.7	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.1	33.1	33.1
300	20.7	23.1	29.8	32.7	32.9	33.2	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.8	33.8	33.8
200	23.1	25.6	33.3	36.3	36.5	37.0	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.6	37.6	37.6
100	25.6	28.2	36.5	41.2	40.3	40.8	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.5	41.5	41.5
000	25.4	29.8	37.0	40.8	40.9	41.5	41.8	41.8	41.8	41.8	41.8	42.0	42.0	42.1	42.1	42.1
1000	26.7	30.2	39.6	42.6	42.7	43.0	43.8	43.8	43.9	43.9	43.9	44.0	44.0	44.2	44.2	44.2
900	27.7	31.2	39.7	43.6	43.8	44.4	44.8	44.8	44.9	44.9	44.9	45.1	45.1	45.2	45.2	45.2
800	30.7	34.3	43.6	47.8	47.9	48.5	48.9	48.9	49.0	49.0	49.0	49.2	49.2	49.3	49.3	49.3
700	33.1	37.1	47.6	51.9	52.0	52.6	53.1	53.1	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5
600	37.9	42.5	54.2	54.8	58.9	59.6	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.5	60.5	60.5
500	41.5	46.6	59.2	54.4	64.6	65.6	66.1	66.1	66.2	66.2	66.2	66.4	66.4	66.5	66.5	66.5
400	43.9	49.0	62.3	67.8	67.9	69.1	69.6	69.6	69.7	69.7	69.7	69.8	69.8	70.0	70.0	70.0
300	45.4	50.6	64.3	70.0	70.1	71.2	71.8	71.9	72.0	72.0	72.0	72.1	72.1	72.3	72.3	72.3
200	44.4	53.4	68.5	74.8	75.0	76.3	76.8	77.1	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4
100	46.8	55.8	71.5	79.6	79.8	81.5	82.4	82.7	82.8	82.8	82.8	82.9	82.9	83.1	83.1	83.1
000	50.3	56.5	73.3	81.8	82.2	84.2	85.9	86.3	86.6	86.6	86.6	86.8	86.8	86.9	86.9	86.9
1000	50.7	57.0	73.9	82.7	83.1	85.2	86.9	87.3	87.8	87.8	87.8	87.9	87.9	88.1	88.1	88.1
900	51.1	57.5	75.4	84.2	84.7	87.0	89.0	89.3	90.0	90.0	90.0	90.1	90.1	90.2	90.2	90.2
800	51.1	57.5	75.4	84.6	85.2	88.2	90.4	91.0	91.9	91.9	91.9	92.0	92.0	92.2	92.2	92.2
700	51.1	57.5	75.4	85.2	85.9	89.0	92.7	93.8	95.9	95.9	95.9	96.0	96.0	96.1	96.1	96.1
600	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.0	97.4	97.4	97.6	97.8	97.9	98.1	98.1	98.1
500	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.0	97.7	97.9	98.1	98.7	99.1	99.2	99.2	99.2
400	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.1	97.8	98.1	98.3	99.0	99.7	99.9	99.9	99.9
300	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.1	97.8	98.1	98.3	99.0	99.7	99.9	99.9	99.9
200	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.1	97.8	98.1	98.3	99.0	99.7	99.9	99.9	99.9
100	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.1	97.8	98.1	98.3	99.0	99.7	99.9	99.9	99.9
000	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.1	97.8	98.1	98.3	99.0	99.7	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 779

CEILING VERSUS VISIBILITY

74-83

OCI

15-0-1720

TOTAL NUMBER OF OBSERVATIONS 750

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

GLOBAL CLIMATOLOGY BRANCH
 SAFETY
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1715
 1715

H. MENFEL AAF GF

74-83

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

		VISIBILITY (STATUTE MILES)										CEILING (HUNDREDS OF FEET)									
		GE0	GE1	GE2	GE3	GE4	GE5	GE6	GE7	GE8	GE9	GE10	GE11	GE12	GE13	GE14	GE15	GE16	GE17	GE18	GE19
1000	1000	12.3	13.9	18.1	20.7	20.8	21.3	21.8	21.8	22.2	22.2	22.3	22.4	22.8	23.0	23.9					
900	900	15.1	17.3	22.1	25.0	25.2	25.7	26.3	26.4	26.8	26.8	27.0	27.1	27.4	27.7	28.6					
800	800	15.5	17.8	22.7	25.7	25.9	26.4	27.0	27.1	27.5	27.5	27.7	27.8	28.1	28.4	29.3					
700	700	15.5	17.9	22.7	25.8	26.0	26.5	27.1	27.1	27.6	27.6	27.7	27.9	28.2	28.5	29.4					
600	600	15.7	18.0	22.9	26.0	26.2	26.7	27.3	27.3	27.8	27.8	27.9	28.1	28.4	28.7	29.6					
500	500	16.2	18.6	23.6	26.8	27.0	27.5	28.1	28.2	28.6	28.6	28.8	28.9	29.3	29.5	30.5					
400	400	16.6	19.0	24.6	28.0	28.3	28.8	29.4	29.5	29.9	29.9	30.1	30.2	30.6	30.8	31.8					
300	300	17.0	19.4	25.1	29.5	28.8	29.3	30.0	30.1	30.5	30.5	30.7	30.8	31.2	31.4	32.3					
200	200	19.4	22.0	28.4	32.3	32.6	33.2	34.2	34.3	34.9	34.9	35.2	35.4	35.8	36.0	37.0					
100	100	20.8	23.9	30.9	35.4	35.6	36.3	37.4	37.6	38.2	38.2	38.6	38.7	39.1	39.4	40.4					
50	50	21.1	24.1	31.2	35.8	36.0	36.7	37.8	37.9	38.6	38.6	39.0	39.1	39.5	39.8	40.7					
25	25	22.0	25.1	32.5	37.2	37.4	38.2	39.2	39.4	40.1	40.1	40.5	40.7	41.1	41.4	42.3					
10	10	22.8	26.0	33.4	38.2	38.4	39.2	40.3	40.5	41.1	41.1	41.5	41.7	42.1	42.4	43.4					
5	5	25.5	29.0	37.4	42.6	42.9	43.9	45.1	45.3	45.9	45.9	46.3	46.5	46.9	47.2	48.2					
2	2	27.4	31.4	40.8	46.1	46.5	47.7	49.0	49.3	50.0	50.0	50.4	50.6	51.0	51.3	52.2					
1	1	30.1	34.7	45.0	50.7	51.1	52.6	54.1	54.4	55.3	55.3	55.7	56.0	56.4	56.7	57.7					
0.5	0.5	32.3	37.3	48.6	54.7	55.1	56.7	58.5	58.8	59.8	59.8	60.2	60.5	60.9	61.2	62.2					
0.25	0.25	33.8	39.0	51.3	57.9	58.4	60.3	62.2	62.5	63.6	63.6	64.1	64.4	64.9	65.2	66.1					
0.1	0.1	34.5	39.8	52.5	59.2	59.7	61.6	63.5	63.8	64.9	65.0	65.5	65.8	66.2	66.6	67.5					
0.05	0.05	36.1	41.9	55.4	60.6	63.2	65.3	67.3	67.8	68.9	69.0	69.6	69.9	70.3	70.6	71.6					
0.025	0.025	37.2	43.4	57.7	66.1	66.7	69.1	71.6	72.1	73.3	73.4	74.1	74.3	74.8	75.1	76.1					
0.01	0.01	37.9	44.3	59.6	66.5	69.2	72.0	75.2	75.8	77.3	77.4	78.2	78.5	79.0	79.3	80.3					
0.005	0.005	38.1	44.6	60.2	69.2	70.0	73.0	76.4	77.0	78.6	78.7	79.5	79.8	80.4	80.7	81.7					
0.0025	0.0025	38.5	45.4	61.8	71.2	72.0	75.2	78.9	79.5	81.5	81.6	82.6	83.0	83.5	83.9	84.9					
0.001	0.001	38.7	45.6	62.0	71.8	72.7	76.2	80.4	81.2	83.4	83.6	84.6	85.0	85.5	85.9	86.9					
0.0005	0.0005	38.7	45.6	62.1	72.1	73.0	76.8	81.5	82.7	85.5	85.7	86.8	87.2	87.9	88.3	89.3					
0.00025	0.00025	38.7	45.6	62.1	72.2	73.1	77.0	81.9	83.7	87.1	87.5	88.9	89.7	90.5	90.9	92.0					
0.0001	0.0001	38.7	45.6	62.1	72.2	73.1	77.0	82.0	83.8	87.5	88.0	89.4	90.5	91.9	92.3	93.6					
0.00005	0.00005	38.7	45.6	62.1	72.2	73.1	77.0	82.0	83.9	87.6	88.1	89.6	90.8	92.9	93.6	95.9					
0.000025	0.000025	38.7	45.6	62.1	72.2	73.1	77.0	82.0	83.9	87.6	88.1	89.6	90.8	93.2	94.3	97.5					
0.00001	0.00001	38.7	45.6	62.1	72.2	73.1	77.0	82.0	83.9	87.6	88.1	89.6	90.8	93.3	94.5	98.9					
0.000005	0.000005	38.7	45.6	62.1	72.2	73.1	77.0	82.0	83.9	87.6	88.1	89.7	90.8	93.5	94.7	100.0					

TOTAL NUMBER OF OBSERVATIONS 3181

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19715 HOFENFELS AAF GF

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

640-0800

CEILING FEET	VISIBILITY - STATUTE MILES OR (HUNDREDS OF METERS)															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
>1600	7.7	8.5	10.3	12.4	12.6	13.9	15.1	15.5	16.1	16.1	16.3	16.5	17.5	17.9	18.8	
1600	7.7	8.5	11.2	13.4	13.4	14.7	16.1	16.7	17.3	17.3	17.6	17.9	18.8	19.2	20.2	
1500	7.8	8.6	11.2	13.4	13.8	15.3	16.8	17.3	18.0	18.0	18.3	18.5	19.4	19.8	20.9	
1400	7.8	8.6	11.2	13.4	13.8	15.3	16.8	17.3	18.0	18.0	18.3	18.5	19.4	19.8	20.9	
1300	7.9	8.7	11.4	13.5	13.9	15.5	16.9	17.5	18.1	18.1	18.4	18.7	19.6	20.0	21.0	
1200	7.9	8.7	11.4	13.5	13.9	15.5	16.9	17.5	18.1	18.1	18.4	18.7	19.6	20.0	21.0	
1100	8.1	8.9	11.6	13.8	14.2	15.7	17.2	17.7	18.4	18.4	18.7	18.9	19.8	20.2	21.3	
1000	8.1	8.9	11.6	13.8	14.2	15.7	17.2	17.7	18.4	18.4	18.7	18.9	19.8	20.2	21.3	
900	8.7	9.7	12.6	14.8	15.2	17.1	18.7	19.2	20.0	20.0	20.4	20.6	21.6	22.0	23.3	
800	9.5	10.7	14.4	16.7	17.1	18.9	20.5	21.0	21.8	21.8	22.2	22.5	23.4	23.8	25.1	
700	10.4	11.6	15.7	18.0	18.4	20.2	22.0	22.5	23.5	23.5	23.9	24.3	25.3	25.7	27.0	
600	10.8	12.3	16.7	18.9	19.3	21.2	22.9	23.4	24.5	24.5	24.9	25.3	26.2	26.6	27.9	
500	11.6	13.4	18.1	20.9	21.3	23.1	24.9	25.4	27.0	27.0	27.4	27.9	28.8	29.2	30.6	
400	13.1	15.5	21.6	24.6	25.1	27.4	29.4	29.9	31.5	31.5	31.9	32.4	33.3	33.7	35.1	
300	13.8	16.9	24.5	26.6	29.1	31.3	33.3	34.0	35.7	35.7	36.1	36.6	37.6	38.0	39.3	
200	15.1	18.5	27.5	32.0	32.5	35.2	37.2	38.0	39.7	39.7	40.1	40.6	41.5	41.9	43.5	
100	16.9	20.8	31.1	36.6	37.2	40.7	42.9	43.8	45.8	45.8	46.2	46.7	47.6	48.0	49.6	
80	17.5	21.4	31.9	37.8	38.4	41.9	44.0	45.1	47.1	47.1	47.5	48.0	48.9	49.3	50.9	
60	18.1	23.3	35.3	42.7	43.4	48.3	51.1	53.0	55.3	55.3	55.8	56.3	57.3	57.7	59.3	
40	19.2	24.5	37.6	45.9	46.6	52.4	56.2	58.6	60.8	61.0	61.4	61.9	62.8	63.2	64.8	
20	20.2	26.7	40.7	50.3	51.1	57.1	62.0	65.1	68.0	68.3	68.7	69.3	70.2	70.6	72.2	
10	20.4	26.9	41.4	51.5	52.2	58.3	64.3	67.5	70.5	70.8	71.2	71.8	72.9	73.3	74.9	
5	20.4	26.9	42.1	52.8	53.8	60.3	66.5	69.8	73.3	73.5	74.1	74.7	75.8	76.2	77.8	
0	20.5	27.1	42.7	53.4	54.5	62.3	69.8	73.5	77.8	78.2	79.4	80.3	81.6	82.0	83.9	
100	20.5	27.1	42.7	53.4	54.5	62.3	70.4	74.5	80.4	81.1	84.5	87.0	89.7	91.0	94.7	
200	20.5	27.1	42.7	53.4	54.5	62.3	70.4	74.5	80.4	81.3	85.1	88.0	91.1	92.9	97.5	
300	20.5	27.1	42.7	53.4	54.5	62.3	70.4	74.5	80.4	81.3	85.1	88.1	91.3	93.0	98.9	
400	20.5	27.3	42.7	53.4	54.5	62.3	70.4	74.5	80.4	81.3	85.1	88.1	91.3	93.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 756

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 HCHENFELS AAF GE

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2000-1100

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	>16	GE9	GF8	GE6	GE48	GE4	GE37	GE24	GF20	GF16	GF12	GF10	GF08	GF05	GF04	GE0
20000	10.0	10.0	13.0	15.5	15.5	16.1	16.3	16.3	16.4	16.4	16.5	16.5	16.6	17.2	17.9	
18000	10.7	11.7	14.4	17.3	17.3	17.9	18.5	18.5	18.9	18.9	19.0	19.7	19.1	19.6	20.4	
16000	11.1	12.2	15.0	17.9	17.9	18.6	19.1	19.1	19.5	19.5	19.6	19.6	19.8	20.3	21.1	
14000	11.1	12.2	15.0	17.9	17.9	18.6	19.1	19.1	19.5	19.5	19.6	19.6	19.8	20.3	21.1	
12000	11.1	12.2	15.0	17.9	17.9	18.6	19.1	19.1	19.5	19.5	19.6	19.6	19.8	20.3	21.1	
10000	11.4	12.6	15.9	18.9	18.9	19.5	20.0	20.2	20.8	20.9	20.9	20.9	21.1	21.6	22.4	
9000	12.0	13.1	16.4	19.4	19.4	20.0	20.5	20.7	21.3	21.3	21.5	21.5	21.6	22.1	22.9	
8000	13.4	14.6	18.6	22.1	22.4	23.3	24.1	24.2	24.8	24.8	25.0	25.0	25.1	25.6	26.4	
7000	14.7	16.0	20.8	24.4	24.7	25.6	26.4	26.5	27.2	27.2	27.3	27.3	27.4	28.0	28.7	
6000	14.7	16.0	20.8	24.4	24.7	25.6	26.4	26.5	27.2	27.2	27.3	27.3	27.4	28.0	28.7	
5000	15.3	16.9	22.0	25.7	26.0	26.9	27.8	28.0	29.0	29.0	29.1	29.1	29.3	29.8	30.6	
4500	15.9	17.3	22.5	26.3	26.5	27.4	28.3	28.5	29.5	29.5	29.6	29.6	29.8	30.3	31.1	
4000	17.2	19.0	24.6	28.6	28.9	30.0	31.2	31.3	32.4	32.4	32.5	32.5	32.6	33.2	33.9	
3500	18.7	20.9	27.3	31.9	32.2	33.8	35.1	35.2	36.3	36.3	36.4	36.4	36.5	37.1	37.8	
3000	20.7	23.8	32.0	38.0	38.6	40.3	41.7	41.9	42.9	42.9	43.0	43.0	43.2	43.7	44.5	
2500	22.0	25.6	34.9	41.4	42.0	44.7	45.6	45.8	47.1	47.1	47.2	47.2	47.3	47.9	48.6	
2000	23.9	28.0	38.6	45.8	46.4	48.8	50.6	50.8	52.1	52.1	52.3	52.4	52.5	53.1	53.8	
1800	24.4	28.6	39.3	46.6	47.2	49.5	51.4	51.6	53.1	53.1	53.2	53.3	53.4	54.0	54.7	
1600	25.9	30.7	42.7	52.3	53.7	56.3	58.4	58.6	60.1	60.1	60.3	60.5	60.7	61.2	62.0	
1400	26.9	32.0	44.6	55.4	57.2	60.1	62.5	62.9	64.4	64.4	64.6	64.8	65.0	65.5	66.3	
1200	28.3	33.9	47.3	59.8	61.8	64.9	68.4	69.1	70.6	70.6	70.9	71.1	71.5	72.0	72.8	
1000	28.6	34.2	48.4	61.1	63.1	66.2	70.4	71.4	73.1	73.1	73.3	73.7	74.1	74.6	75.4	
900	28.9	34.5	49.5	63.3	65.3	68.5	73.2	74.4	76.3	76.3	76.6	77.1	77.6	78.2	79.1	
800	28.9	34.5	49.7	63.5	65.8	69.8	75.9	77.4	80.0	80.0	80.2	80.9	81.5	82.1	83.0	
700	28.9	34.5	49.9	63.8	66.2	70.5	77.4	79.3	83.1	83.4	83.9	84.8	85.8	86.3	87.3	
600	28.9	34.5	50.1	64.0	66.3	70.7	78.0	80.5	84.8	85.2	85.8	86.9	88.2	88.7	90.0	
500	28.9	34.5	50.1	64.0	66.3	70.7	78.2	80.8	85.7	86.2	87.5	88.9	91.2	92.1	93.8	
400	28.9	34.5	50.1	64.0	66.3	70.7	78.2	80.8	85.8	86.5	87.5	88.9	91.2	92.1	93.8	
300	28.9	34.5	50.1	64.0	66.3	70.7	78.2	80.8	85.8	86.5	87.5	88.9	91.2	92.1	93.8	
200	28.9	34.5	50.1	64.0	66.3	70.7	78.2	80.8	85.8	86.5	87.5	88.9	91.2	92.1	93.8	
100	28.9	34.5	50.1	64.0	66.3	70.7	78.2	80.8	85.8	86.5	87.5	88.9	91.2	92.1	93.8	
0	28.9	34.5	50.1	64.0	66.3	70.7	78.2	80.8	85.8	86.5	87.5	88.9	91.2	92.1	93.8	

TOTAL NUMBER OF OBSERVATIONS 769

USAF ETAC 0-16-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715
STATION

HOFENFELS AAF GF
STATION NAME

74-83
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	27	21	21	21	21	21	21	25 16	21	20
	>16	GE9	GE8	GE6	GE4	GE4	GE32	GE24	GE20	GE16	GE12	GE10	GE8	GE75	GE24	GE0
NO CEILING		14.7	15.6	18.2	21.0	23.5	23.5	23.5	23.5	23.5	23.6	23.6	23.6	23.8	24.0	24.3
20000		16.7	18.1	21.0	23.5	23.5	23.5	23.5	23.5	23.6	23.6	23.6	23.6	23.8	24.0	24.3
20000		17.1	18.5	21.4	24.0	24.3	24.3	24.3	24.3	24.4	24.4	24.6	24.9	25.0	25.0	25.1
20000		17.1	18.5	21.4	24.0	24.3	24.3	24.3	24.3	24.4	24.4	24.6	24.9	25.0	25.0	25.1
20000		17.5	19.3	22.2	24.9	25.1	25.1	25.1	25.1	25.3	25.3	25.4	25.7	25.8	25.8	26.0
20000		17.8	19.6	22.5	25.1	25.4	25.4	25.4	25.4	25.6	25.6	25.7	26.0	26.1	26.1	26.3
20000		18.6	20.4	23.5	26.1	26.4	26.5	26.5	26.5	26.8	26.8	26.9	27.2	27.4	27.4	27.5
20000		18.6	20.4	23.5	26.1	26.4	26.5	26.5	26.5	26.8	26.8	26.9	27.2	27.4	27.4	27.5
20000		19.7	21.5	25.4	28.6	28.9	29.2	29.2	29.2	29.4	29.4	29.6	29.9	30.0	30.0	30.1
20000		21.7	23.6	28.3	32.1	32.4	32.6	32.6	32.6	32.9	32.9	33.1	33.3	33.5	33.5	33.6
20000		21.7	23.9	28.6	32.4	32.6	32.9	32.9	32.9	33.2	33.2	33.3	33.6	33.8	33.8	33.9
20000		22.1	24.6	29.7	33.6	33.9	34.2	34.3	34.3	34.6	34.6	34.7	35.0	35.1	35.1	35.3
20000		22.6	25.1	31.3	34.2	34.4	34.7	34.9	34.9	35.1	35.1	35.3	35.6	35.7	35.7	35.8
20000		25.1	27.8	33.1	36.9	37.2	37.5	37.6	37.6	37.9	37.9	38.1	38.3	38.5	38.5	38.6
20000		28.2	30.8	36.1	40.3	40.6	40.8	41.0	41.0	41.3	41.3	41.4	41.7	41.8	41.8	41.9
20000		31.4	34.2	40.6	45.8	46.3	46.7	46.8	46.8	47.1	47.1	47.2	47.5	47.6	47.6	47.8
20000		33.9	36.8	44.1	49.9	50.4	51.0	51.3	51.3	51.5	51.5	51.7	51.9	52.1	52.1	52.2
20000		36.3	39.6	47.5	55.0	55.6	56.7	57.2	57.2	57.5	57.5	57.6	57.9	58.1	58.1	58.2
20000		37.1	40.7	49.0	56.7	57.2	58.3	58.9	58.9	59.2	59.2	59.3	59.6	59.7	59.7	59.9
20000		39.3	43.9	53.5	61.8	62.6	64.2	64.7	64.7	65.1	65.1	65.4	65.8	66.0	66.0	66.1
20000		41.8	46.8	58.2	68.5	69.3	71.0	71.8	72.1	72.6	72.6	72.9	73.3	73.5	73.5	73.6
20000		42.2	47.4	60.4	72.4	73.2	75.0	76.0	76.5	77.2	77.2	77.5	78.1	78.3	78.3	78.5
20000		42.6	47.8	63.2	75.3	76.1	77.9	79.3	80.0	80.7	80.7	81.1	81.7	81.9	81.9	82.1
20000		42.6	47.8	64.7	77.5	78.3	80.4	82.6	83.5	84.3	84.3	84.7	85.3	85.6	85.6	85.7
20000		42.6	47.8	65.1	78.3	79.2	81.4	84.2	85.8	86.9	86.9	87.4	87.9	88.2	88.2	88.3
20000		42.6	47.8	65.1	79.0	80.0	82.4	85.8	88.8	90.4	90.7	91.1	91.7	91.9	91.9	92.1
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.8	89.9	92.2	92.6	93.5	94.2	94.6	94.6	94.7
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.8	90.0	92.8	94.2	95.1	96.0	96.5	96.5	96.7
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.8	90.0	92.9	94.9	95.8	97.1	97.8	97.8	98.3
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.9	90.1	93.2	95.1	96.3	97.5	98.2	98.6	99.7
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.9	90.1	93.2	95.1	96.3	97.5	98.2	98.6	100.0
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.9	90.1	93.2	95.1	96.3	97.5	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715 HOFENFELS AAF GE

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
20000	13.9	15.7	17.9	19.8	19.8	20.1	20.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
18000	18.5	20.1	22.9	25.0	25.0	25.3	25.5	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
16000	18.5	20.1	22.9	25.0	25.0	25.3	25.5	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
14000	18.6	20.6	23.7	25.7	25.7	26.0	26.3	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
12000	18.6	20.6	23.7	25.7	25.7	26.0	26.3	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
10000	19.8	21.8	24.8	27.1	27.3	27.6	27.8	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
8000	20.2	22.2	25.4	27.8	28.0	28.3	28.6	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
6000	22.7	24.8	28.6	31.6	31.7	32.2	32.5	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
4000	24.2	26.8	31.3	34.8	34.9	35.4	35.6	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
2000	24.5	27.1	31.7	35.2	35.4	35.8	36.1	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
1000	25.3	27.8	32.6	36.2	36.4	36.9	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
500	25.4	28.7	33.5	37.1	37.2	37.8	38.1	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
200	27.4	31.2	36.7	41.0	41.1	41.8	42.1	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
100	28.7	32.8	38.5	42.9	43.0	43.7	44.0	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
50	31.0	35.6	41.4	47.5	47.9	48.9	49.2	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6
25	34.2	39.4	46.3	53.1	53.5	54.7	55.1	55.3	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
10	36.7	42.4	50.4	57.4	57.9	59.3	60.0	60.2	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
5	37.2	43.0	51.9	59.0	59.5	60.9	61.6	61.8	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5
2	39.2	45.7	55.4	63.1	64.2	66.1	67.0	67.1	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1
1	41.4	48.8	59.2	67.7	69.0	71.7	73.2	73.6	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7
0.5	42.0	49.5	61.6	71.3	73.2	76.2	78.1	78.6	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4
0.25	42.1	49.6	63.6	73.6	75.5	78.5	81.0	82.1	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8
0.1	42.1	49.6	64.4	74.6	76.5	79.8	82.7	84.0	85.3	85.6	85.9	86.0	86.0	86.0	86.0	86.0
0.05	42.1	49.6	64.6	75.0	76.9	80.4	83.8	86.0	87.9	88.2	88.7	89.0	89.0	89.0	89.0	89.0
0.025	42.1	49.6	64.6	75.0	76.9	81.0	84.6	87.2	89.6	89.9	90.6	91.1	91.1	91.1	91.1	91.1
0.01	42.1	49.6	64.6	75.0	76.9	81.0	85.0	87.9	90.6	90.9	92.6	93.2	93.8	93.8	93.8	93.8
0.005	42.1	49.6	64.6	75.0	76.9	81.0	85.0	88.0	91.1	91.5	93.2	94.1	94.9	94.9	95.1	95.1
0.0025	42.1	49.6	64.6	75.0	76.9	81.0	85.0	88.0	91.6	92.4	94.9	96.2	97.4	97.5	98.1	98.1
0.001	42.1	49.6	64.6	75.0	76.9	81.0	85.0	88.0	91.6	92.4	95.1	96.4	97.7	98.0	98.8	98.8
0.0005	42.1	49.6	64.6	75.0	76.9	81.0	85.0	88.0	91.6	92.4	95.1	96.4	97.7	98.0	99.6	99.6
0.00025	42.1	49.6	64.6	75.0	76.9	81.0	85.0	88.0	91.6	92.4	95.1	96.4	97.7	98.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 693

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

107715 HOHENFELS AAF GE

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
1000	11.1	12.4	14.7	16.8	16.8	17.4	17.8	18.1	18.2	18.2	18.3	18.4	18.8	19.0	19.5	
800	13.1	14.3	17.1	19.4	19.5	20.1	20.7	20.8	21.2	21.2	21.3	21.4	21.7	22.0	22.5	
600	13.4	14.7	17.5	19.9	20.1	20.7	21.3	21.5	21.8	21.8	22.0	22.1	22.4	22.6	23.1	
400	13.6	15.0	17.9	20.3	20.5	21.1	21.7	21.9	22.2	22.2	22.4	22.5	22.8	23.0	23.6	
200	13.7	15.1	18.0	20.4	20.6	21.2	21.8	22.0	22.3	22.3	22.5	22.6	22.9	23.1	23.7	
100	14.3	15.7	18.8	21.3	21.5	22.2	22.7	22.9	23.4	23.4	23.5	23.7	24.0	24.2	24.7	
50	14.5	16.0	19.0	21.6	21.8	22.5	23.0	23.2	23.7	23.7	23.8	24.0	24.3	24.5	25.1	
25	15.9	17.4	21.1	24.1	24.3	25.2	25.9	26.1	26.6	26.6	26.8	26.9	27.2	27.4	28.0	
10	17.3	19.1	23.5	26.8	27.0	27.9	28.6	28.8	29.3	29.3	29.4	29.6	29.9	30.1	30.7	
5	17.4	19.2	23.7	27.0	27.2	28.1	28.8	29.0	29.5	29.5	29.7	29.8	30.1	30.4	30.9	
2	18.1	20.0	24.8	28.1	28.4	29.3	30.1	30.3	31.0	31.0	31.1	31.3	31.6	31.9	32.4	
1	18.5	20.6	25.5	28.9	29.1	30.1	30.8	31.1	31.7	31.7	31.9	32.0	32.3	32.6	33.2	
0	20.1	22.6	27.8	31.6	31.9	32.9	33.7	33.9	34.7	34.7	34.9	35.1	35.4	35.6	36.2	
1000	22.3	24.7	30.6	34.6	35.0	36.2	37.2	37.4	38.2	38.2	38.3	38.5	38.8	39.1	39.7	
800	24.0	27.4	34.4	39.7	40.2	41.6	42.6	42.8	43.6	43.6	43.8	44.0	44.3	44.6	45.2	
600	26.0	29.8	37.9	43.8	44.3	45.9	47.1	47.3	48.3	48.3	48.5	48.7	49.0	49.3	49.9	
400	28.1	32.4	41.6	48.4	49.0	51.1	52.5	52.8	53.8	53.8	54.1	54.3	54.6	54.8	55.5	
200	28.7	33.1	42.8	49.7	50.3	52.4	53.7	54.1	55.2	55.2	55.4	55.7	56.0	56.2	56.8	
100	30.3	35.6	46.4	54.7	55.7	58.5	60.1	60.7	61.9	62.0	62.3	62.5	62.9	63.1	63.8	
50	32.1	37.7	49.6	59.1	60.2	63.5	65.7	66.6	67.8	67.9	68.2	68.5	68.8	69.1	69.7	
25	32.9	39.0	52.2	63.1	64.5	68.0	70.9	72.1	73.8	73.9	74.2	74.5	74.9	75.2	75.8	
10	33.1	39.3	53.8	65.0	66.4	69.9	73.5	75.0	76.7	76.9	77.2	77.6	78.0	78.3	78.9	
5	33.2	39.3	54.8	66.7	68.2	72.0	76.0	77.7	79.6	79.7	80.1	80.6	81.1	81.3	82.0	
2	33.2	39.4	55.1	67.2	68.7	73.1	78.0	80.2	82.6	82.8	83.3	83.8	84.3	84.6	85.3	
1	33.2	39.4	55.3	67.5	69.1	73.7	79.2	82.0	85.1	85.4	86.1	86.8	87.5	87.7	88.5	
1000	33.2	39.4	55.3	67.6	69.1	73.9	79.9	82.9	86.5	87.0	88.2	89.0	90.0	90.2	91.0	
800	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.1	87.3	88.0	89.6	91.0	92.3	92.7	93.9	
600	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.1	87.5	88.5	90.8	92.6	94.6	95.3	97.2	
400	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.2	87.6	88.7	91.2	93.1	95.3	96.3	98.8	
200	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.2	87.6	88.7	91.2	93.2	95.4	96.3	99.5	
100	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.2	87.6	88.7	91.2	93.2	95.4	96.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 2938

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 7715

HOFENFELS AAF GF

74-83

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0000

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	1/2	3/8	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096	1/8192	1/16384	1/32768
1000	8.2	10.1	15.2	16.8	17.1	19.0	20.1	20.4	21.1	21.1	21.1	21.2	21.5	21.8	22.5	22.6
900	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
800	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
700	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
600	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
500	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
400	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
300	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
200	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
100	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
0	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
9000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
8000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
7000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
6000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
5000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
4000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
3000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
2000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
1000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
0	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
9000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
8000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
7000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
6000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
5000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
4000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
3000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
2000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
1000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
0	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
9000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
8000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
7000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
6000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
5000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
4000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
3000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
2000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
1000	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6
0	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	22.6

TOTAL NUMBER OF OBSERVATIONS 730

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

CEILING VERSUS VISIBILITY

7715 MOHNFELS AAF GE

74-83

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100

ELEVATION FEET	VISIBILITY - STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
>16	7.7	9.1	11.5	13.6	14.4	14.7	16.1	16.5	16.9	16.9	16.9	16.9	16.9	17.1	17.3	17.3
15-16	8.5	9.9	12.5	15.1	15.9	16.1	17.9	18.3	18.9	19.1	19.1	19.1	19.1	19.2	19.5	19.6
14-15	8.7	10.0	12.7	15.2	16.0	16.3	18.0	18.4	19.1	19.2	19.2	19.2	19.2	19.3	19.6	19.7
13-14	8.7	10.0	12.7	15.3	16.1	16.4	18.1	18.5	19.2	19.3	19.3	19.3	19.3	19.5	19.7	19.9
12-13	8.9	10.3	12.9	15.7	16.7	17.1	18.8	19.2	19.9	20.0	20.0	20.0	20.0	20.1	20.4	20.5
11-12	9.2	10.5	13.2	16.0	16.9	17.3	19.1	19.5	20.1	20.3	20.3	20.3	20.3	20.4	20.7	20.8
10-11	9.7	11.1	14.0	17.5	18.4	18.4	20.7	21.1	21.7	21.9	21.9	21.9	21.9	22.0	22.3	22.4
9-10	10.1	11.5	14.8	18.4	19.3	19.7	21.6	22.0	22.7	22.8	22.8	22.8	22.8	22.9	23.2	23.3
8-9	11.2	12.7	16.5	20.5	21.7	22.5	24.4	24.8	25.5	25.6	25.6	25.6	25.6	25.9	26.1	26.3
7-8	12.5	14.4	18.9	23.3	24.7	25.7	27.6	28.0	28.7	28.8	28.8	28.8	28.8	29.1	29.3	29.5
6-7	12.7	14.5	19.1	23.5	24.8	25.9	27.7	28.1	28.8	28.9	28.9	28.9	28.9	29.2	29.5	29.6
5-6	12.9	14.8	19.7	24.3	25.6	26.7	28.7	29.1	29.7	29.9	29.9	29.9	29.9	30.1	30.4	30.5
4-5	13.6	15.5	20.5	25.3	26.7	27.7	30.0	30.4	31.1	31.2	31.2	31.2	31.2	31.5	31.7	31.9
3-4	15.2	17.3	23.7	28.7	30.0	31.1	33.6	34.0	34.7	34.8	34.8	34.8	34.8	35.1	35.3	35.5
2-3	16.1	19.1	25.6	31.9	33.2	34.3	36.9	37.3	38.0	38.1	38.1	38.1	38.1	38.4	38.7	38.8
1-2	18.3	21.6	29.5	36.4	37.9	39.2	42.1	42.7	43.3	43.5	43.5	43.5	43.5	43.7	44.0	44.1
0-1	19.3	22.7	31.2	38.7	40.3	42.1	45.2	46.0	46.8	46.9	47.1	47.1	47.1	47.3	47.6	47.7
0-0	21.6	25.5	34.7	42.5	44.1	46.5	49.9	50.0	51.5	51.6	51.7	51.7	51.7	52.0	52.3	52.4
0-0	21.9	25.9	35.3	43.5	45.1	47.5	50.8	51.6	52.5	52.7	52.8	52.8	52.8	53.1	53.3	53.5
0-0	24.0	29.2	39.6	49.6	51.2	54.4	57.7	58.7	59.6	59.7	59.9	59.9	59.9	60.1	60.4	60.5
0-0	26.3	31.6	42.3	52.7	54.4	57.7	61.5	62.4	63.5	63.6	63.7	63.7	63.7	64.0	64.3	64.4
0-0	26.8	33.2	44.7	56.1	58.1	61.9	65.9	66.8	68.5	68.7	68.8	68.8	68.8	69.1	69.3	69.5
0-0	26.9	33.6	45.6	57.6	59.6	63.9	68.9	69.9	72.3	72.4	72.5	72.5	72.5	72.8	73.1	73.2
0-0	27.6	34.4	46.9	58.3	62.3	66.8	72.4	73.3	76.5	76.7	76.9	76.9	76.9	77.3	77.6	77.7
0-0	27.9	34.7	47.7	61.3	63.9	68.9	75.3	77.2	81.6	81.9	82.1	82.3	82.3	82.7	82.9	83.1
0-0	28.0	34.8	47.9	61.7	64.3	69.9	76.9	80.0	84.8	85.1	85.6	85.9	86.9	87.2	87.3	
0-0	28.0	34.8	47.9	61.7	64.3	70.0	77.3	80.4	86.0	86.9	87.7	88.3	90.5	90.8	90.9	
0-0	28.0	34.8	47.9	61.7	64.3	70.0	77.5	80.9	87.6	88.5	89.5	90.0	93.2	93.7	94.0	
0-0	28.0	34.8	47.9	61.7	64.3	70.0	77.6	81.2	88.0	88.9	90.3	91.1	95.7	96.9	97.7	
0-0	28.0	34.8	47.9	61.7	64.3	70.0	77.6	81.2	88.0	88.9	90.3	91.2	96.1	97.9	99.2	
0-0	28.0	34.8	47.9	61.7	64.3	70.0	77.6	81.2	88.0	88.9	90.3	91.2	96.1	97.9	99.3	
0-0	28.0	34.8	47.9	61.7	64.3	70.0	77.6	81.2	88.0	88.9	90.7	91.6	96.8	98.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 750

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715

HOFENFELS AAF GE

74-83

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

ELEVATION FEET	VISIBILITY STATUTE MILES															
	>16.0	16.0	14.0	12.0	10.0	8.0	6.0	4.0	3.0	2.0	1.0	0.5	0.25	0.15	0.10	0.05
20000	10.2	10.8	14.0	17.2	17.4	17.9	18.8	18.8	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
18000	11.3	12.3	15.8	19.8	19.9	20.8	21.8	21.8	22.2	22.4	22.4	22.4	22.4	22.4	22.4	22.4
16000	11.7	12.7	16.2	20.4	20.5	21.4	22.5	22.5	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.1
14000	11.8	12.8	16.4	20.5	20.7	21.5	22.6	22.6	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2
12000	12.4	13.4	17.0	21.1	21.2	22.1	23.2	23.2	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8
10000	12.8	13.8	17.4	21.7	21.8	22.6	23.8	23.8	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4
8000	13.4	14.4	18.1	22.8	22.9	23.9	25.5	25.5	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1
6000	14.1	15.1	18.9	23.8	23.9	24.9	26.5	26.5	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1
4000	16.5	17.7	21.8	26.8	26.9	28.2	29.8	29.8	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5
2000	18.1	19.8	24.6	30.1	30.2	31.5	33.2	33.2	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0
0000	18.1	19.8	24.8	30.2	30.3	31.6	33.3	33.3	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2
18000	18.8	20.5	25.6	31.2	31.3	32.6	34.3	34.3	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
16000	19.1	20.8	25.9	31.5	31.6	32.9	34.6	34.6	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5
14000	20.9	23.4	28.9	34.5	34.6	36.3	38.0	38.0	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
12000	22.2	25.4	31.1	37.6	37.7	39.5	41.2	41.2	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2
10000	24.1	27.5	33.9	40.7	41.0	43.2	44.9	45.0	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
8000	27.9	31.5	37.9	45.3	45.6	47.7	49.4	49.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9
6000	29.8	34.1	41.3	49.4	49.7	51.9	53.6	53.7	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1
4000	30.1	34.5	42.0	50.3	50.6	52.7	54.4	54.6	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0
2000	31.6	36.9	45.7	55.6	55.8	58.8	60.8	61.0	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5
0000	34.1	39.3	48.4	59.0	59.5	62.8	65.0	65.2	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0
18000	35.0	40.7	52.4	64.8	65.8	69.8	71.9	72.4	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5
16000	36.5	42.2	54.1	67.4	68.4	72.9	75.6	76.2	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9
14000	36.6	43.0	55.3	69.5	70.5	76.2	79.5	80.2	83.2	83.6	83.9	83.9	83.9	83.9	83.9	83.9
12000	36.6	43.0	55.3	69.9	71.1	77.1	81.1	82.9	86.6	87.0	87.3	87.3	87.3	87.3	87.3	87.3
10000	36.6	43.0	55.3	70.4	71.5	77.9	83.2	85.5	89.7	90.2	90.5	90.5	90.5	90.5	90.5	90.5
8000	36.6	43.0	55.3	70.5	71.7	78.5	84.0	86.6	92.2	92.6	93.0	93.2	93.2	93.2	93.2	93.2
6000	36.6	43.0	55.3	70.5	71.7	78.5	84.2	87.0	93.4	94.6	95.3	95.9	97.9	98.1	98.9	98.9
4000	36.6	43.0	55.3	70.5	71.7	78.5	84.2	87.0	93.4	94.6	95.3	95.9	98.1	98.9	100.0	100.0
2000	36.6	43.0	55.3	70.5	71.7	78.5	84.2	87.0	93.4	94.6	95.3	95.9	98.1	98.9	100.0	100.0
0000	36.6	43.0	55.3	70.5	71.7	78.5	84.2	87.0	93.4	94.6	95.3	95.9	98.1	98.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 702

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 HOHENFELS AAF GE

74-83

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	>16	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2
CEILING FEET	OP (HUNDREDS OF METERS)															
	GE9	GE8	GE6	GE4	GE3	GE2	GE1	GE0	GE1	GE2	GE3	GE4	GE5	GE6	GE7	GE8
1000	11.8	14.6	17.6	20.1	20.3	20.7	21.9	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
900	13.7	16.7	20.6	23.6	23.7	24.2	25.5	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
800	14.3	17.5	21.3	24.5	24.6	25.1	26.6	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
700	14.3	17.5	21.3	24.4	24.9	25.0	26.9	27.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
600	14.5	17.8	21.6	25.4	25.5	26.0	27.6	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
500	14.8	18.1	22.1	26.0	26.1	26.6	28.2	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
400	15.1	18.4	22.5	26.4	26.6	27.2	28.8	29.3	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7
300	15.8	19.1	23.3	27.2	27.3	28.1	29.7	30.1	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6
200	16.1	22.2	26.7	31.7	32.9	31.6	33.3	33.7	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3
100	14.9	24.3	29.4	33.6	33.7	34.6	36.3	36.7	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
0	9.9	24.3	29.4	33.6	33.7	34.6	36.3	36.7	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
1000	7.7	25.5	31.6	34.8	34.9	35.8	37.6	38.1	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7
900	11.3	26.1	31.3	35.5	35.7	36.7	38.5	39.0	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6
800	23.7	29.0	34.3	39.3	39.4	40.9	42.8	43.3	43.7	44.0	44.0	44.2	44.2	44.2	44.2	44.2
700	24.6	31.0	35.4	40.6	40.7	42.0	44.3	44.8	45.2	45.5	45.5	45.7	45.7	45.7	45.7	45.7
600	27.6	33.0	39.0	44.6	44.8	46.6	48.5	49.0	49.4	49.7	49.7	49.9	49.9	49.9	49.9	49.9
500	11.0	36.6	42.0	49.0	49.1	50.9	52.8	53.3	53.7	54.0	54.0	54.2	54.2	54.2	54.2	54.2
400	32.2	37.9	44.9	51.3	51.5	53.7	55.7	56.1	56.7	57.0	57.0	57.2	57.2	57.2	57.2	57.2
300	13.1	39.8	46.1	53.0	53.1	55.4	57.3	57.9	58.5	58.8	58.8	59.0	59.0	59.0	59.0	59.0
200	35.4	41.0	49.3	56.6	56.9	59.9	61.9	62.5	63.1	63.4	63.4	63.6	63.6	63.6	63.6	63.6
100	36.7	43.3	52.2	59.9	60.3	64.0	66.6	67.3	68.4	68.8	68.8	69.1	69.1	69.1	69.1	69.1
0	36.2	45.2	56.0	64.0	64.6	68.8	71.9	72.8	73.9	74.3	74.5	74.8	74.8	74.8	74.8	74.8
1000	38.8	46.0	57.3	66.6	67.2	71.6	74.9	76.0	77.3	77.9	78.1	78.4	78.5	78.5	78.5	78.5
900	79.4	47.0	58.4	68.4	69.0	74.0	77.8	79.3	80.9	81.6	81.8	82.1	82.4	82.4	82.4	82.4
800	40.0	47.8	59.3	70.7	71.2	77.2	81.2	83.4	86.1	87.2	87.3	87.6	88.2	88.2	88.2	88.2
700	40.0	47.8	59.3	70.7	71.5	78.4	84.2	86.7	90.6	91.8	92.2	92.7	94.0	94.2	94.2	94.2
600	40.0	47.8	59.3	71.7	71.5	78.5	84.5	87.0	91.6	93.4	93.9	94.6	96.3	96.6	96.6	96.6
500	40.0	47.8	59.3	71.7	71.5	78.5	84.5	87.0	91.6	93.7	94.2	95.2	97.6	97.9	98.2	98.2
400	40.0	47.8	59.3	71.7	71.5	78.5	84.5	87.0	91.9	93.9	94.3	95.4	98.1	98.5	99.4	99.4
300	40.0	47.8	59.3	71.7	71.5	78.5	84.5	87.0	91.9	93.9	94.3	95.4	98.1	98.7	99.9	99.9
200	40.0	47.8	59.3	71.7	71.5	78.5	84.5	87.0	91.9	93.9	94.3	95.4	98.1	98.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 470

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715

HOMENFELS AAF GF

74-83

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	>15	GE9	GE3	GE6	GF48	GE40	GE32	GE24	GE20	GE16	GF12	GE10	GF08	GE05	GF4	GE0
NO CEILING	5.4	11.7	14.4	16.8	17.2	17.9	19.0	19.3	19.7	19.7	19.7	19.7	19.7	19.8	20.0	20.1
20000	10.3	12.1	15.9	18.7	19.0	19.9	21.2	21.5	22.0	22.0	22.1	22.1	22.1	22.2	22.3	22.5
18000	10.6	12.5	16.3	19.1	19.5	20.3	21.7	22.0	22.5	22.5	22.5	22.6	22.7	22.7	22.9	23.0
16000	10.7	12.5	16.3	19.2	19.6	20.5	21.8	22.1	22.6	22.7	22.7	22.7	22.7	22.8	23.0	23.2
14000	10.9	12.9	16.7	19.7	20.1	21.0	22.4	22.7	23.2	23.2	23.2	23.3	23.4	23.5	23.7	23.7
12000	11.2	13.1	17.0	20.1	20.5	21.4	22.8	23.1	23.6	23.7	23.7	23.7	23.7	23.8	23.9	24.2
10000	11.5	13.5	17.6	21.2	21.6	22.6	24.2	24.5	25.0	25.1	25.1	25.2	25.3	25.5	25.7	25.7
8000	12.0	14.0	18.2	21.9	22.3	23.4	25.0	25.3	25.8	26.0	26.0	26.0	26.0	26.2	26.3	26.5
6000	13.6	15.9	20.4	24.4	24.9	26.1	27.8	28.1	28.7	28.9	28.9	28.9	28.9	29.1	29.2	29.4
4000	14.8	17.4	22.6	26.9	27.4	28.9	30.7	31.0	31.7	31.8	31.8	31.9	32.1	32.3	32.5	32.5
3000	14.9	17.6	22.8	27.0	27.6	29.1	30.9	31.2	31.9	32.0	32.0	32.0	32.3	32.4	32.6	32.6
2000	15.4	18.1	23.5	27.8	28.3	29.9	31.8	32.1	32.7	32.9	32.9	32.9	33.2	33.3	33.5	33.5
1500	15.9	18.7	24.1	28.5	29.1	30.8	32.7	33.0	33.7	33.8	33.8	33.9	34.1	34.3	34.5	34.5
1000	17.6	20.9	27.1	31.8	32.3	34.3	36.3	36.6	37.3	37.5	37.5	37.6	37.8	38.0	38.2	38.2
750	18.4	22.3	28.6	34.1	34.6	36.6	38.7	39.0	39.7	39.9	39.9	40.0	40.2	40.4	40.6	40.6
500	20.4	24.7	32.1	37.9	38.6	41.0	43.2	43.6	44.3	44.5	44.5	44.6	44.8	45.0	45.2	45.2
250	23.0	27.3	35.4	42.2	42.9	45.6	47.9	48.3	49.1	49.3	49.3	49.4	49.6	49.8	50.0	50.0
100	24.8	29.7	39.7	45.9	46.7	49.9	52.4	52.8	53.7	53.9	53.9	54.0	54.2	54.4	54.6	54.6
50	25.2	30.2	39.4	46.8	47.6	50.8	53.3	53.8	54.7	54.9	54.9	55.0	55.3	55.4	55.6	55.6
25	27.2	32.9	43.1	51.9	52.7	56.7	59.4	60.0	60.9	61.1	61.2	61.3	61.5	61.6	61.9	61.9
10	29.1	35.3	45.9	55.6	56.5	61.2	64.3	65.0	66.2	66.4	66.5	66.6	66.9	67.0	67.3	67.3
5	29.9	36.7	48.7	59.5	60.6	66.2	69.8	70.6	72.1	72.3	72.5	72.6	72.8	73.0	73.2	73.2
2	30.4	37.5	49.9	61.3	62.5	68.5	72.7	73.5	75.4	75.7	75.8	75.9	76.2	76.4	76.6	76.6
1	30.9	38.4	51.1	63.5	64.6	71.3	76.1	77.1	79.6	80.0	80.2	80.3	80.6	80.8	81.0	81.0
0.5	31.1	38.6	51.5	64.5	65.8	73.0	78.4	80.3	83.8	84.4	84.6	84.7	85.1	85.3	85.5	85.5
0.2	31.2	38.6	51.6	64.8	66.2	73.9	80.1	82.5	86.5	87.1	87.4	87.6	88.3	88.5	88.7	88.7
0.1	31.2	38.6	51.6	65.0	66.4	74.5	81.0	83.6	88.5	89.3	89.9	90.3	92.0	92.2	92.5	92.5
0.05	31.2	38.6	51.6	65.0	66.4	74.5	81.1	83.9	89.8	91.0	91.8	92.5	94.6	95.0	95.3	95.3
0.02	31.2	38.6	51.6	65.0	66.4	74.5	81.2	84.0	90.0	91.3	92.3	93.2	96.4	97.1	97.8	97.8
0.01	31.2	38.6	51.6	65.0	66.4	74.5	81.2	84.0	90.1	91.4	92.4	93.4	96.9	98.0	99.2	99.2
0.005	31.2	38.6	51.6	65.0	66.4	74.5	81.2	84.0	90.1	91.4	92.6	93.7	97.3	98.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2852

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

- a. Extreme maximum temperature
- b. Extreme minimum temperature

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

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

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

Continued on Reverse

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

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

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

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

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

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

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

2

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
17715 HOFENFELS AAF GF
STATION NAME STATION NAME

71-84

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00						.5	.3						.0
05						1.3	3.1						.1
10						5.0	12.2	.8					.5
15					4.7	17.1	30.6	21.9	4.6				2.1
20					15.2	36.5	48.1	46.3	17.7				6.7
25			.3	4.3	26.9	57.4	63.1	64.7	33.9	.3			14.0
30			4.2	14.4	47.8	67.7	78.2	83.0	50.0	7.6			3.1
35			11.7	28.1	68.1	87.7	93.8	94.5	75.5	19.6	.6		40.9
40		.3	21.9	46.3	85.8	97.4	99.2	99.7	90.3	42.0	5.3	.6	50.1
45	.8	4.7	40.5	64.4	94.1	100.0	100.0	100.0	98.1	66.7	17.1	3.9	58.5
50	5.2	12.7	58.2	79.1	97.9				100.0	85.7	34.1	10.3	66.1
55	18.1	32.2	76.5	95.2	99.7					98.9	56.5	23.0	75.7
60	41.4	65.0	94.5	99.2	100.0					100.0	83.5	52.4	86.7
65	73.7	91.4	98.4	100.0							96.8	78.5	94.9
70	87.2	98.1	99.2								99.1	92.4	98.0
75	95.3	100.0	99.7								100.0	97.6	99.4
80	99.2		100.0									99.7	99.9
85	99.7												100.0
90	100.0											100.0	100.0
95													
100													
MEAN	73.1	37.1	47.3	53.5	64.1	70.2	73.6	73.0	65.6	53.1	41.6	34.9	53.9
S.D.	7.305	6.511	9.446	9.369	9.229	9.870	9.390	7.964	8.435	7.620	7.307	7.554	16.739
TOTAL OBS	382	343	383	374	387	381	385	365	372	357	341	330	4419

USAFETAC FORM 0-215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

715 HOMENFELS AAF GE

STATION STATION NAME

71-84

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
55					.3	.5	.8	.3					.1
50					3.9	4.7	11.2	9.6	1.9				2.4
45			1.6	1.6	27.1	26.8	45.2	34.8	14.8	.6			10.7
40	.5		5.0	7.2	50.1	68.2	86.8	71.2	39.0	9.8	1.5		26.2
35	3.4	.6	11.0	21.4	75.5	85.8	96.9	89.0	64.5	22.7	3.5	3.3	36.5
30	14.1	12.1	35.8	46.0	91.0	96.6	99.7	98.1	83.9	49.9	13.8	7.9	47.6
25	19.9	21.5	47.0	60.7	94.8	100.0	100.0	100.0	95.7	75.9	41.5	19.4	61.6
20	40.3	41.0	67.9	80.7	99.0				97.8	81.8	56.2	30.3	68.0
15	62.0	63.1	84.1	93.9	100.0				100.0	89.1	75.0	52.4	79.1
10	76.2	75.8	91.4	99.7						95.2	89.1	70.0	88.3
5	84.3	86.5	96.1	100.0						98.9	95.9	81.8	93.4
0	89.5	93.9	98.4							100.0	98.2	88.5	96.2
-5	95.0	97.2	99.5								99.1	93.9	97.9
-10	97.6	98.6	100.0									97.6	99.1
-15	99.5	99.7										99.1	99.6
-20		100.0										100.0	99.9
-25	100.0												100.0
-30													100.0
MEAN	25.1	25.5	31.4	34.5	44.2	50.9	53.9	51.9	46.8	39.1	32.9	27.7	38.7
S.D.	10.448	9.027	8.075	6.355	6.380	5.463	4.744	5.843	6.896	7.632	7.126	9.760	12.619
TOTAL OBS	382	363	383	374	387	381	385	365	372	357	340	330	4419

USAFETAC FORM 0-215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 1715 HOFENFELS AAF GE
 STATION

DAILY TEMPERATURES

71-84

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
87						.5	.3						.0
75						2.6	2.6	1.1					.4
71					.8	7.1	21.5	8.8	1.1				3.3
65					4.4	28.6	46.8	38.4	8.3	.3			10.8
61				.3	23.8	60.9	75.8	72.3	33.9	1.1			22.9
55			1.8	4.8	49.9	84.0	95.3	93.2	63.2	11.5	.6		34.5
50			9.9	22.2	76.7	97.4	100.0	100.0	86.6	31.9	3.2	.9	45.0
45	1.3	.6	25.1	47.1	94.3	100.0			97.3	59.9	15.0	6.4	54.8
41	11.0	9.9	51.7	73.5	99.5				100.0	86.3	40.9	14.5	66.3
35	24.3	34.4	79.4	97.1	100.0					98.0	68.2	36.1	78.7
31	55.8	66.9	93.2	100.0						100.0	90.9	64.2	89.5
25	77.5	84.6	95.8								97.1	82.7	94.9
20	86.1	95.6	98.7								98.8	90.6	97.5
15	93.2	98.1	99.5								100.0	97.6	99.0
10	98.2	100.0	100.0									99.4	99.8
5	99.5											99.7	99.9
1	99.7											100.0	100.0
-5	100.0												100.0
MEAN	29.3	31.6	39.6	44.2	54.4	60.8	64.0	62.7	56.5	46.4	37.6	31.6	46.6
S D	8.458	6.667	7.470	6.049	6.360	6.009	5.846	5.271	6.072	6.285	6.508	8.276	13.981
TOTAL OBS	382	363	383	374	387	381	385	365	372	357	340	330	4419

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

20715 HCHENFELS AAF GE
STATION STATION NAME

71-84

YEARS

•HOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-00-5 (OEA)

4. (AT LEAST ONE DAY LESS THAN 24 HRS.)

8 (AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMARY

75-89

YEARS

MONITOR

PAGE 1 C600-6800

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					
45/ 47		.8																3	?							
46/ 45	1.0	.8																14	24	12	12					
44/ 43	.5	1.0																12	17	6	6					
42/ 41	1.7	1.9	.1															29	29	31	19					
40/ 39	2.9	1.4																34	34	31	36					
38/ 37	2.4	1.8																33	33	31	25					
36/ 35	2.5	.8																26	26	36	37					
34/ 33	5.5	4.2																76	76	62	52					
32/ 31	8.9	1.7																99	99	117	97					
30/ 29	6.1	2.1																72	72	72	49					
28/ 27	12.5	1.4																109	109	105	111					
26/ 25	3.7	1.9																44	46	33	49					
24/ 23	4.5	.5																39	39	50	42					
22/ 21	2.8	.6																27	27	26	35					
20/ 19	3.4																	27	27	32	22					
18/ 17	1.9	.8																18	19	18	19					
16/ 15	1.8	.8																17	17	17	23					
14/ 13	1.3	.8																13	13	13	11					
12/ 11	2.2	.1																18	16	17	19					
10/ 9	2.																	16	16	17	19					
8/ 7	1.3																	15	17	10	17					
6/ 5	1.4																	11	11	11	8					
4/ 3	.5																	4	4	4	11					
2/ 1	.6																	5	5	5	7					
/ -1	1.9																	15	15	15	6					
-2/ -3	.3																	6	6	6	8					
-4/ -5	.3																	2	2	2	7					
-6/ -7																					8					
-1 / -11	.8																	3	3	3						
-12/ -13																					3					
-14/ -15	.8																	3	3	3	2					
-16/ -17																					1					
TOTAL	75.22	4.3	.5															785	787	785	785					
Element (X)	Σ H'	Σ H	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature								
Rel. Hum.	7195996	74998	95.5	6.214	785	≥ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb	682869	21223	24.9	10.886	787	3.9	66.2					93														
Wet Bulb	648999	20903	24.6	10.678	785	3.4	68.2					93														
Dew Point	618838	20272	23.8	11.027	785	3.7	71.9																			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 107715 MCHEMFELS AAF GE STATION NAME 75-84 YEARS JAN MONTH

PAGE 1 1900-1977
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																		
40 / 40																		1	1																				
42 / 47																		2	2																				
44 / 45																		15	15	6	4																		
44 / 43																		14	14	17	11																		
42 / 41																		39	39	34	32																		
42 / 39																		34	34	28	28																		
38 / 37																		39	39	33	25																		
36 / 35																		50	50	54	39																		
34 / 33																		77	77	77	61																		
32 / 31																		112	112	133	117																		
30 / 29																		70	70	69	87																		
28 / 27																		176	100	97	113																		
26 / 25																		39	39	33	46																		
24 / 23																		37	37	41	48																		
22 / 21																		24	24	31	27																		
20 / 19																		26	26	16	26																		
18 / 17																		25	25	27	16																		
16 / 15																		14	14	16	14																		
14 / 13																		19	19	19	19																		
12 / 11																		17	17	16	19																		
10 / 9																		12	12	13	25																		
8 / 7																		16	16	8	7																		
6 / 5																		3	3	5	7																		
4 / 3																		5	5	5	7																		
2 / 1																		5	5	5	6																		
0 / -1																		5	5	5	5																		
-2 / -3																		1	1	1	2																		
-4 / -5																		1	1	1	2																		
-6 / -7																					1																		
-8 / -9																		1	1	1																			
-10 / -11																		1	1	1	2																		
TOTAL	69.3	303.1	2.7															792	792	792	792																		
Element (X)	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature																					
Ref. Hum.	7039373	74443	94.0	7.300	792													10 F	11 F	12 F	13 F	14 F	15 F	16 F	17 F	18 F	19 F	20 F	21 F	22 F	23 F	24 F	25 F	26 F	27 F	28 F	29 F	30 F	31 F
Dry Bulb	724030	22710	28.7	9.596	792													1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
Wet Bulb	697533	22311	28.2	9.391	792													1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
Dew Point	658245	21478	27.1	9.669	792													1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	

USAFETAC FORM 0-26-5 (OL A) REVERSED MIRROR IMAGE OF THIS FORM ARE CONTAINED

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1715 HOFENFELS AAF GE 75-84 JAN 1270-1400
STATION MONTH YEARS

PAGE 1 1270-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
54/ 53			.1															1	1																
52/ 51			.3															2	2																
50/ 49																		1	1	1															
48/ 47			.1	.1														2	2	2															
46/ 45	.5	.7	.7	.1														12	12	5	7														
44/ 43	.5	1.2	1.2	.3														39	39	20	4														
42/ 41	2.3	2.3	1.8	.1	.1													49	49	40	35														
40/ 39	2.0	1.6	1.6															39	39	40	40														
38/ 37	1.2	3.4	.7															39	39	32	19														
36/ 35	1.2	8.5	.9															75	75	58	32														
34/ 33	0.9	7.4	.8															97	97	120	66														
32/ 31	0.1	7.4	.4															103	103	131	129														
30/ 29	3.5	4.4																59	59	67	93														
28/ 27	5.4	4.2	.3															73	73	58	98														
26/ 25	2.7	2.7																35	35	41	51														
24/ 23	2.1	3.1	.3															40	40	32	38														
22/ 21	2.0	1.1																23	23	36	38														
20/ 19	.9	1.5																18	18	17	17														
18/ 17	.9	1.5																18	18	26	21														
16/ 15	.5	.4																7	7	10	15														
14/ 13	.4	.1																5	5	5	19														
12/ 11																																			
10/ 9	.3																	2	2	2	8														
8/ 7		.4																3	3		2														
6/ 5																					3														
-2/ -3																																			
TOTAL	37.55	52.4	8.8	.8	.1													742	742	742	742														

Element (X)	Σ _g ¹	Σ _g ²	Σ _g ³	Σ _g ⁴	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	59228.3	4589.1	88.8	9.808	742	< 1 F	< 32 F	< 47 F	< 73 F	< 80 F	< 92 F	
Dry Bulb	798952	23730	32.0	7.351	742		98.4					93
Wet Bulb	745150	22934	30.9	6.999	742		83.6					93
Dew Point	448263	21667	28.9	7.638	742		67.6					93

PSYCHROMETRIC SUMMARY

177715 HOHENFELS AAF GE
STATION STATION NAME

75-24

YEAR



PAGE 1 ~~1500-1700~~

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															1	1																
52/ 49		.1		.3														3	1	1															
45/ 47	.1		.1															3	1	2	2														
45/ 45		1.4	.3	.1														13	13	7	1														
44/ 43	.1	2.4	.7															23	23	11	8														
42/ 41	2.9	4.0	1.1	.9														61	61	42	38														
41/ 39	1.1	1.5	.6															23	23	38	31														
32/ 32	1.7	4.2	.6															46	46	31	28														
35/ 35	1.7	4.5	.4															48	48	52	47														
34/ 33	4.4	8.2	.3															107	107	111	51														
32/ 31	4.6	7.0																83	83	108	111														
31/ 29	5.0	4.0																71	71	73	91														
20/ 27	6.1	6.6	.1															92	92	71	107														
26/ 25	2.4	1.8																30	30	46	32														
24/ 23	2.4	2.8																37	37	30	47														
22/ 21	2.4	1.4	.1															25	25	32	38														
20/ 19	1.4	.4																13	13	20	19														
18/ 17	.8	1.7																18	18	20	17														
16/ 15	.6	.6																8	9	10	20														
14/ 13	.7	.1																6	6	6	18														
12/ 11	.1	.1																2	2	2	10														
11/ 9	.1	.1																2	2	1	8														
8/ 7																				1	1														
6/ 5		.3																2	2		1														
4/ 3																				2															
3/ -1																					1														
-2/ -3																					1														
-4/ -5																					1														
TOTAL	40.35	50.3	4.6	.8														717	717	717	717														

PSYCHROMETRIC SUMMARY

17775
STATION

HOFENFELS AAF GE

75-84

YEARS



PAGE 1

111
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
54/ 53			.1															1	1																	
52/ 51			.1															3	3																	
51/ 49		.0	.0	.1														5	5	2																
48/ 47	.1	.1	.1	.1														10	10	2																
45/ 45	.5	.8	.4	.1														54	54	24																
44/ 43	.6	1.7	.5	.1														88	88	29																
42/ 41	2.4	2.4	.9	.1														178	178	127																
40/ 39	2.1	1.6	.6															130	130	135																
38/ 37	1.8	3.0	.3															157	157	97																
36/ 35	2.1	4.1	.4															199	199	150																
34/ 33	5.4	6.1	.3															357	357	230																
32/ 31	7.3	5.7	.1															397	397	454																
30/ 29	4.9	4.1																272	272	360																
28/ 27	8.8	3.4	.1															374	374	429																
26/ 25	3.1	1.8																148	157	177																
24/ 23	3.1	1.9	.1															153	153	167																
22/ 21	2.5	.8	.1															99	99	134																
20/ 19	2.0	.6																78	78	84																
18/ 17	1.3	1.3																79	79	73																
16/ 15	1.1	.4																46	46	72																
14/ 13	1.0	.4																43	43	63																
12/ 11	1.1	.1																37	37	60																
10/ 9	1.1	.0																32	32	60																
8/ 7	.6	.2																23	23	20																
6/ 5	.5	.1																16	16	16																
4/ 3	.3																	9	9	11																
2/ 1	.3																	10	10	13																
0/ -1	.7																	20	20	12																
-2/ -3	.2																	7	7	14																
-4/ -5	.1																	3	3	10																
-6/ -7																				5																
-8/ -9																		1	1																	
-10/-11	.1																	4	4	2																
-12/-13																				1																
Element (X)	Σ g ¹		Σ g		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ																	
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

YEARS

NOTES

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/-15	.1																	3	?	3	?			
-15/-17																					1			
TOTAL	54.94	5.6	4.1	.4	.7													3036	3038	3036	3036			

PSYCHROMETRIC SUMMARY

YEARS

FEH
MONTH

PAGE 1 2600-0800
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			
44/ 43		.9																6	5	3				
42/ 41		.4	1.6	.3														17	17	9	7			
40/ 39		1.5	1.7															24	24	20	23			
38/ 37		2.5	.5															23	23	30	22			
35/ 35		2.1	2.1	.3														34	34	22	29			
34/ 33		4.4	3.5															59	59	64	38			
32/ 31		5.4	2.1															56	56	66	74			
30/ 29		5.2	3.5															65	65	58	58			
28/ 27		12.6	2.4	.1														113	113	111	111			
26/ 25		5.1	1.5															49	49	51	58			
24/ 23		8.2	.7															66	66	71	60			
22/ 21		3.2	.5															33	33	32	48			
20/ 19		5.1	.1															40	40	43	36			
18/ 17		2.7	.5															24	24	25	32			
16/ 15		2.9	.4															25	25	25	28			
14/ 13		3.3	.5															29	29	29	32			
12/ 11		2.3	.5															21	21	21	19			
10/ 9		2.8																21	21	21	27			
8/ 7		.9																7	7	7	12			
6/ 5		.8																6	6	6	9			
4/ 3		.5	.4															7	7	4	7			
2/ 1		.5																4	4	7	3			
/ -1		1.3	.1															11	11	10	9			
-2/ -3		.4																3	3	4	6			
-4/ -5		.4	.1															4	4	3	2			
-6/ -7																				1				
-8/ -9																					2			
-10/-11																					1			
-18/-19																					1			
-26/-27																					1			
TOTAL	75.5	23.8	.7															747	747	747	747			

2

1

.

1

3

4

1

i

USAFETAC

PSYCHROMETRIC SUMMARY

1 7725 HCHENFELS AAF 6E

75-84

FEB

STATION

STATION NAME

YEARS

MONTI

PAGE 1 1200-1400

[illegible]

PSYCHROMETRIC SUMMARY

L 1715 MOHENSELS AAF GE
STATION STATION

75-84

~~EEA~~

PAGE 1 1500-1700
1947 (10-1)

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		
54/ 57																			1	1				
54/ 55																			1	1				
54/ 53																			4	4				
52/ 51																			4	4				
5 / 40																			12	12				
42/ 47																			18	18				
40/ 45																			49	49	18	5		
44/ 43																			25	25	22	5		
42/ 41																			79	79	39	18		
4 / 38																			36	36	47	20		
3 / 37																			61	61	73	42		
3 / 35																			62	62	74	43		
3- / 33																			72	72	79	53		
32/ 31																			81	81	99	100		
30/ 29																			67	67	79	80		
28/ 27																			93	93	92	109		
26/ 25																			15	15	39	61		
24/ 23																			11	11	20	67		
22/ 21																					7	29		
2 / 19																					1	15		
1- / 17																						19		
15/ 15																						3		
4/ 13																						11		
1- / 11																						5		
10/ 0																						3		
TOTAL	17.6	5.32	4.5	9.4	1.8	2.5	1.4	3											687	687	687	687		

Element (X)	Σx'	Σx	X	°s	No. Obs.	Mean No. of Hours with Temperature						
						< 6 F	< 32 F	< 67 F	< 72 F	< 80 F	< 93 F	Total
Rel. Hum.	4481251	54353	79.1	6.236	687							
Dry Bulb	904935	24513	35.7	6.644	687		32.6					54
Wet Bulb	776884	22790	33.2	5.515	687		41.2					84
Dew Point	614761	20071	29.2	6.432	687		61.3					84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 1715 Hohenfels AAF GE

75-84

YEARS

FFR MONTH

PAGE 1

ALL MONTHS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																					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						
59																			1	1						
57																			1	1						
55																			2	2						
53																			5	5						
51																			5	5						
49																			19	19						
47																			29	29	3					
45																			93	93	25					
43																			87	87	48					
41																			208	208	122					
39																			157	157	107					
37																			179	179	207					
35																			225	225	227					
33																			295	295	335					
31																			304	304	374					
29																			263	263	297					
27																			419	419	394					
25																			140	140	205					
23																			143	143	163					
21																			56	56	74					
19																			60	60	63					
17																			37	37	43					
15																			33	33	34					
13																			40	40	39					
11																			29	29	29					
9																			29	29	27					
7																			8	8	10					
5																			10	10	11					
3																			9	9	6					
1																			4	4	7					
-1																			11	11	10					
-3																			3	3	4					
-5																			4	4	3					
-7																					1					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) REPRODUCED BY AUTHORITY OF THE JOINT CHIEFS OF STAFF

PSYCHROMETRIC SUMMARY

75-44

YF402

FFB

MONY

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) PRINTED NEAR THE HEADERS OF THIS FORM ARE OBSOLETE MAY 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715	HOMENFELS AAF GE
STATION	STATION NAME

74-83

YEARS

MAP

PAGE 1 0600-0000
HOURS (L. S. T.)

[illegible]

二

YEARS

74-83

MAR
MONTH

7900-1100
HOURS (L. S. T.)

USAFETAC
FORM
AF 64
0-26-5 (OL A)
REVISE PREVIOUS EDITION OF THIS FORM AND CANCEL IT

PSYCHROMETRIC SUMMARY

74-83

VI 401

MAR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
71 / 69								.1	.1									2	?																
68 / 67								.2	.5									6	6																
66 / 65					.7			.6	.4	.1								11	11																
54 / 63					.6	.7		.6	.2									18	12																
62 / 61			.1		.2	1.2		.1	.1									15	15																
40 / 59		.2		.4	1.1	.3		.6	.2									28	28	1															
58 / 57				1.0	1.2	.6		.4										26	26	2															
56 / 55		.2	.4	1.1	.2	.4		.4		.1								26	26	16	1														
54 / 53		.5	1.1	.8	1.0	.7		.1	.1									43	43	27	2														
52 / 51	.1	.6	.6	1.6	1.6	.5												41	41	42	7														
5 / 49		.2	1.5	1.5	3.0	.5	.1											57	57	43	13														
48 / 47		1.1	1.1	1.7	1.7	.1	.2											42	42	35	17														
46 / 45	.6	2.9	3.3	3.4	2.1	.4												104	104	73	58														
44 / 43	.1	2.4	2.9	2.8	.6	.1												73	73	82	37														
42 / 41	.5	4.5	2.9	1.9	.4	.1												84	84	93	82														
40 / 39	.6	2.8	3.6	.2	.4	.1												68	68	88	74														
38 / 37	1.7	3.1	1.5	.4		.1												56	56	98	75														
36 / 35	1.5	3.3	1.7		.2													55	55	92	95														
34 / 33	.8	1.5	1.0	.6														32	32	51	87														
32 / 31	.6	1.5	.4	.8														27	27	45	89														
30 / 29	.7	.1	.5	.1														12	12	16	54														
28 / 27		.1																1	1	13	59														
26 / 25																				8	20														
24 / 23																				6	17														
22 / 21																					6														
20 / 19																					10														
18 / 17																					8														
16 / 15																					8														
14 / 13																					3														
12 / 11																					3														
10 / 9																					3														
8 / 7																					1														
6 / 5																					1														
Element (X)	Σ H'		Σ H		H		σ _H		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 6 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

74-83

Y482

MAP

PAGE 2 ~~1200-1400~~
~~1800-1900~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
TOTAL	6.5	25.7	22.4	18.6	15.2	6.7	3.4	1.7	.4									827	827	827			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 MOHENFELS AAF GE

74-83

MAR

PAGE 1 1550-1700
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			
72/ 71								.1										1	1					
71/ 69								.3	.1									3	3					
68/ 67								.8										6	6					
56/ 65					.3		.5	.4										9	9					
44/ 63				.4	.6	.6	.8	.6										24	24					
62/ 61					.4	.3	1.0	.4										16	16					
50/ 59				.4	1.8	1.4	.9	.3										37	37	1				
58/ 57			.1	1.3	.6	1.1	.4		.3									30	30	9				
56/ 55			.1	.9	.6	.6			.1									20	20	12	2			
54/ 53		.4	.3	.8	1.9	1.7												34	34	23	1			
52/ 51		.5	.4	2.5	2.4	.6	.1	.1										56	56	37	6			
51/ 49		.6	1.6	1.9	1.8	.5	.1											53	53	46	11			
43/ 47		.4	1.3	1.6	.5	.4	.6											41	41	49	15			
40/ 45	.4	1.8	4.8	4.6	1.9	.1												108	128	72	53			
44/ 43		2.7	2.4	3.4	.6													71	71	73	25			
42/ 41	.3	3.8	3.5	.5	.9	.6												73	73	92	25			
40/ 39	1.4	1.9	3.1	.3	.6	.1												59	59	98	100			
38/ 37	1.3	1.9	2.7	.3	.4													46	46	86	77			
30/ 35	.9	2.1	2.1		.3													43	43	61	77			
34/ 33	1.9	2.4	1.1	.8														49	49	58	83			
32/ 31	.3	.4	.5															9	9	46	83			
30/ 29	.1	.3	.4															6	6	14	56			
28/ 27		.1																2	2	9	51			
26/ 25																				5	23			
24/ 23																				5	14			
22/ 21																					10			
21/ 19																					17			
16/ 17																					8			
16/ 15																					7			
14/ 13																					3			
12/ 11																					5			
10/ 9																					1			
TOTAL	6.0	17.7	24.6	20.4	5.6	7.8	4.5	2.9	.5									796	796	796	796			
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	3877478	53856	67.7	7.149	796	+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 88 F	+ 92 F	Total												
Dry Bulb	1767185	36841	46.3	8.837	796		2.0	1.2				93												
Wet Bulb	1388236	32802	41.2	6.777	796		9.2					93												
Dew Point	1033279	28059	35.3	7.056	796		31.7					93												

USAFETAC FORM 10-65 (OL A) REVISED AIRCRAFT REPORT OF THE AIRCRAFT CARRIER

2.

PSYCHROMETRIC SUMMARY

74-83

NAME

PAGE 1

11
HOURS (C. S. T.)

[illegible]

21

YKAM

74-83

PLA
MONT

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

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

PSYCHROMETRIC SUMMARY

157715	WOMENFELS AAF 65
STATION	STATION NAME

74-83

FEAR

APR
MONT

PAGE 1 7600-0800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HOFENFELS AAF 6F 74-83 APR
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					
66/ 65							.1	.2	.1									6	6							
64/ 63				.1	.6	.1	.3	.9										18	18							
62/ 61				.3	.5	.6	.7	.1										19	19							
60/ 59				.3	.8	1.5	1.3	.3	.1									38	38							
58/ 57				.6	1.0	1.5	.8	.1										35	35	1						
56/ 55		.2	.6	1.5	1.4	1.6	.5											50	5	9						
54/ 53		.7	2.2	1.7	1.5	1.6	.2											59	59	14						
52/ 51		.5	1.0	1.3	2.0	.8												48	48	38	4					
50/ 49	.1	1.0	1.0	1.5	1.7	.7	.5											60	60	72	11					
48/ 47	.2	1.2	.9	1.9	.6	.9	.5											53	53	75	29					
46/ 45	1.4	3.1	3.6	3.6	1.7	.5	.2											172	122	95	71					
44/ 43	1.0	2.7	1.4	2.1	.7	.3												71	71	97	48					
42/ 41	.7	3.3	3.3	2.3	.6	.5												91	91	91	95					
40/ 39	.2	2.7	2.0	.8	.5													53	53	80	70					
38/ 37	.9	2.9	1.3	.2	.1													47	47	90	81					
36/ 35	1.4	3.6	1.0	.1	.1													54	54	94	90					
34/ 33	.7	1.7	.3															24	24	67	83					
32/ 31	.6	.7																8	8	28	107					
30/ 29	.5																	4	4	7	53					
28/ 27	.1																	1	1	3	54					
26/ 25																					27					
24/ 23																					13					
22/ 21																					9					
20/ 19																					6					
18/ 17																					7					
16/ 15																					2					
14/ 13																					1					
TOTAL	7.324	0.019	0.117	0.813	0.810	7.5	3.1	7.2										861	861	861	861					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 1715 HCHENFELS AAF 6E 74-83 APR MONTH
STATION STATION NAME YEARS

PAGE 1 1200-1800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73																		2	7						
72/ 71									.2	.2		.2						6	6						
71/ 69									.1	.2	.6	.1						11	11						
68/ 67									.6	.5	1.2							20	20						
66/ 65						.1	.1	.7	1.9	.7	.3							33	33						
64/ 63						.5	1.7	1.7	3.0	1.2	.1							65	65	2					
62/ 61					.1	.3	.7	2.4	.8	.1								39	39						
59/ 59					.2	.9	1.3	2.2	1.6									58	58	1	1				
58/ 57					.2	.9	.9	.7	.3	.1	.1							29	29	7	1				
56/ 55				.5	.3	.9	2.3	1.2	.2									47	47	16					
54/ 53			.3	.2	1.4	1.4	1.4	1.0	.6	.1								56	56	35					
52/ 51		.2	.2	1.3	1.1	2.1	.9	.6	.5									59	59	73	3				
52/ 49		.3	.2	1.2	.6	.8	2.7	.7	.3									53	53	94	13				
48/ 47		.1	1.2	.3	1.3	1.0	.4	.5	.1									56	56	82	16				
46/ 45		.2	2.7	2.2	2.7	3.1	.7	.1										101	101	88	59				
44/ 43		.1	2.1	.8	2.1	.6	.3											52	52	91	51				
42/ 41		.2	2.6	2.0	2.2	1.7												71	71	69	75				
40/ 39		.5	3.3	1.2	.3	.3												48	48	96	91				
38/ 37		.6	2.2	1.7	.1													34	34	93	94				
36/ 35		.8	.9	.2														17	17	72	81				
34/ 33		.6	.6															10	10	33	87				
32/ 31		.1	.3															4	4	8	84				
30/ 29																				3	68				
28/ 27																					66				
26/ 25																					22				
24/ 23																					26				
22/ 21																					8				
20/ 19																					5				
18/ 17																					2				
16/ 15																					6				
14/ 13																					1				
TOTAL	3.2	16.6	11.4	12.7	14.5	12.8	12.2	10.3	3.1	2.2	.3							861	861		861				
Element (X)	Σx ²	Σx	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	3375985	50973	59.2	20.911	861	≤ 0 F	≤ 32 F	≤ 47 F	≤ 72 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb	2321159	43963	51.1	9.925	861		.4	4.1	.2			92													
Wet Bulb	1680425	37667	43.7	6.159	861			1.1				90													
Dew Point	1134878	30696	35.7	6.869	861			10.1				92													

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

PSYCHROMETRIC SUMMARY

107715 MOHNFELS AAF GE

74-83

APP

NOTES

STATION NAME

YEARS

MEMORANDUM

PAGE 1 1526-1700

**SWEDISH
HUMANITARIAN**

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
74/ 73								.2	.3		.3							8	8						
72/ 71									.1	.2								1	3						
7 / 69						.1	.1	.5	.3	.7	.7							71	21						
68/ 67						.2	.2	.6	.5	1.3	.1							25	25						
66/ 65					.3	.2	1.	2.0	1.3	.2								44	44						
64/ 63			.1	.2	.4	.7	3.1	1.6	.3									67	67						
62/ 61						1.3	1.6	1.3	.1									36	36						
60/ 59			.5	1.	1.5	2.2	1.9	.2										64	64	4					
58/ 57			.7	.8	.8	.9	.1	.2	.2									32	37	11					
56/ 55			.9	1.0	2.1	1.7	.3	.1										54	54	20					
54/ 53		.5	.6	.7	1.3	1.6	.9	.3										51	57	34					
52/ 51		.6	.7	.5	1.5	1.6	.5	.6										53	53	49					
50 / 49	.2	.6	.9	.7	1.4	1.2	.8	.3										52	52	97					
48/ 47		.9	.5	1.0	1.5	.9	.1											44	44	81					
46/ 45	.3	1.0	1.0	2.8	1.9	.7												91	91	76					
44/ 43		1.4	1.4	2.2	.3	.7												48	48	85					
42/ 41	.3	2.9	3.7	1.6	1.3	.1												80	80	77					
40/ 39	.1	2.9	1.0	.6														40	40	95					
38/ 37	1.0	.8	.7															72	22	176					
36/ 35	.5	1.0	.2															15	15	41					
34/ 33	.9	.5																12	12	41					
32/ 31		.1																1	1	1.8					
30 / 29	.7																	2	2	1					
28/ 27																				2					
26 / 25																				25					
24/ 23																				29					
22/ 21																				5					
20 / 19																				6					
18/ 15																				5					
TOTAL	3.4	4.3	2.4	2.3	2.7	3.7	1.8	21.3	4.9	3.0	1.2							860	860	860					

Element (X)	Σ X'	Σ X	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3179472	49242	57.320	474	860	0 F	32 F	67 F	73 F	80 F	93 F	Total
Dry Bulb	246263	44735	32.5	9.724	860		3	6.0	8			90
Wet Bulb	1712085	18005	44.2	6.189	860		3					90
Dew Point	1128412	10580	35.6	6.688	860		31.5					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 10HNFELS AAF GF STATION NAME 74-83 YEARS APR MONTH
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					
44/ 77									.1									10	10						
44/ 77									.1									9	9						
44/ 69								.1	.1	.1	.1	.1						32	32						
44/ 67								.1	.1	.1	.1	.1	.1					45	45						
44/ 65								.1	.1	.1	.1	.1	.1					83	83						
44/ 63								.1	.1	.1	.1	.1	.1					143	143						
44/ 61								.1	.1	.1	.1	.1	.1					96	96						
44/ 59								.1	.1	.1	.1	.1	.1					156	156						
44/ 57								.1	.1	.1	.1	.1	.1					96	96						
44/ 55								.1	.1	.1	.1	.1	.1					154	154						
44/ 53								.1	.1	.1	.1	.1	.1					174	174						
44/ 51								.1	.1	.1	.1	.1	.1					174	174						
44/ 49								.1	.1	.1	.1	.1	.1					186	186						
44/ 47								.1	.1	.1	.1	.1	.1					177	177						
44/ 45	1.0	2.0	2.0	2.5	1.7	.5	.1											327	327						
44/ 43	.5	2.0	1.5	1.6	.4	.1												229	229						
44/ 41	1.0	3.0	2.5	1.6	.8	.1												334	334						
44/ 39	.5	3.0	1.7	.5	.1													238	238						
44/ 37	1.0	2.0	1.2	.1	.1													178	178						
44/ 35	1.2	3.3	.1	.1	.1													185	185						
44/ 33	1.7	2.6	.1	.1	.1													153	153						
44/ 31	1.5	1.1	.1	.1	.1													91	91						
44/ 29	.7	.8																51	51						
44/ 27	1.3	.4																60	60						
44/ 25	.1	.1																12	12						
44/ 23	.1	.1																15	15						
44/ 21																									
44/ 19																									
44/ 17																									
44/ 15																									
44/ 13																									
TOTAL	1.9	25.7	14.4	11.5	1.4	9.5	7.1	5.8	2.1	1.3	.4							3439	3439						
																			3439	3439					
Element (X)	2g	2g	X	g	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	177	3397	235471	68.5	21,778	3439	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	79	5129	161743	46.8	10,286	3439		48.2	20.1	2.1			72												
Wet Bulb	607	4578	142582	41.5	6,887	3439		64.3					720												
Dew Point	485	6546	121659	35.4	6,672	3439		262.3					720												

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

PSYCHROMETRIC SUMMARY

1 7715	MOHENFELS AAF 65
STATION	STATION NAME

79-83

YEARS

MAY
2007

PAGE 1 C600-0822
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1715	WOMENFELS AAF GE
STATION	STATION NAME

74-83

YEARS

1954
MONTH

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

[illegible]

2

PSYCHROMETRIC SUMMARY

74-83

YEAR

 MAY 1967

PAGE 1 1270-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
86 / 85												.2		.1					1	1				
84 / 83											.1	.2							3	3				
82 / 81											.1	.5							7	7				
80 / 79								.2	.1	.6	.7	.1							15	15				
78 / 77								.2	.6	1.2	1.0								27	27				
76 / 75								.3	1.9	1.0	.1								31	31				
74 / 73							.1	1.0	1.4	.3	.3								33	33				
72 / 71					.1	.1	.5	2.0	1.9	.5	.1								46	46				
70 / 69					.3	.5	1.5	1.5	.5	.2	.1								40	40				
68 / 67			.1		.2	1.8	.5	.7		.5									33	33				
66 / 65				.1	.9	1.8	2.6	1.2	.7	.1									66	66	3			
64 / 63			.1	1.4	1.7	3.8	3.	2.1	1.9										125	125	A			
62 / 61			.1	.1	.8	2.3	1.2	1.1	.1										51	51	30	1		
60 / 59			.2	.3	2.7	2.4	2.6	1.0											82	82	83	1		
58 / 57		.1	.3	2.3	2.5	2.1	.9	.2	.1										80	80	100	5		
56 / 55		.8	.6	1.2	1.2	1.7	.6												98	98	73	10		
54 / 53		1.4	1.4	.8	1.1	.9	.5												53	53	86	19		
52 / 51		1.1	.9	1.1	.6	.5	.1												37	37	115	53		
50 / 49	.1	1.1	1.9	.6		.1													35	35	122	64		
48 / 47	.3	1.2	1.1	.3	.1														28	28	115	67		
46 / 45		1.1	.9	.6		.1													23	23	76	180		
44 / 43	.1		.2	.2	.1	.2													8	8	32	103		
42 / 41	.5	.7	.7																12	12	20	121		
40 / 39		.5																	4	4	10	48		
38 / 37	.1																		1	1	12	56		
36 / 35																					1	41		
34 / 33																					2	26		
32 / 31																						40		
30 / 29																						15		
28 / 27																						13		
26 / 25																						1		
24 / 23																						2		
22 / 21																						2		
Element (X)	Σ X ²		Σ X		Σ		Σ A		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 6 F		≤ 22 F		≤ 67 F		≤ 73 F		≤ 88 F		≤ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

1715 MOHENFELS AAF GE
STATION STATION NAME

74-83

YEARS

44

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
TOTAL	1.4	7.4	8.2	9.	17.4	7.6	4.5	1.7	9.1	4.6	2.6	.8		.				888	888	888				

2

74-83

MAY

MONTY M.

PAGE : 1500-1700

1500-1700
1912-16-1-1-1

[illegible]

PSYCHROMETRIC SUMMARY

1725 40MENFELS AAF GE
STATION STATION NAME

74-83

YEARS

PAGE 2 ~~1501-1700~~
~~CONFIDENTIAL~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
TOTAL	.7	8.6	8.5	9.4	12.5	14.0	13.4	9.8	1.3	5.2	4.0	1.2	1.1	.3				886	886	886	886			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 17715 STATION NAME HOFENFELS AAF GE YEARS 74-83 DAY MAY MONTH

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						
26/ 95														.1	.0							4	4			
24/ 93												.1	.1	.1								7	7			
22/ 91										.1	.2	.3	.1	.1	.1							25	25			
20/ 89								.1	.1	.2	.3	.1	.1									27	27			
18/ 87							.1	.1	.2	.3	.4	.2	.1									69	69			
16/ 85							.2	.2	.3	.4	.5	.2	.1									73	73			
14/ 83							.3	.3	.4	.5	.6	.3	.2									81	81			
12/ 81						.1	.1	.2	.2	.3	.4	.2	.1									106	106			
10/ 79					.2	.3	.4	.5	.6	.7	.8	.4	.3									100	100			
8/ 77					.3	.4	.5	.6	.7	.8	.9	.5	.4									122	122			
6/ 75					.4	.5	.6	.7	.8	.9	1.0	.6	.5									186	186			
4/ 73					.5	.6	.7	.8	.9	1.0	1.1	.7	.6									325	325			
2/ 71					.6	.7	.8	.9	1.0	1.1	1.2	.8	.7									194	194	64	1	
0/ 69			.2	.6	.7	2.5	1.7	1.6	.8	.0												285	285	230	5	
26/ 57		.3	1.1	2.4	1.7	1.3	.5	.1	.0													262	262	270	10	
24/ 55		.7	1.7	2.2	1.2	.9	.4															233	233	292	36	
22/ 53	.2	1.5	1.7	1.7	.8	.5	.2															270	270	291	87	
20/ 51	.3	2.5	1.5	1.3	.7	.3	.1															239	239	461	188	
18/ 49	.6	2.6	2.4	.6	.3	.1	.1															238	238	489	293	
16/ 47	.5	2.1	1.9	.5	.1	.0																163	163	425	374	
14/ 45	1.1	3.4	1.4	.8	.1	.1	.															246	246	364	727	
12/ 43	.8	.9	.7	.3	.0	.1																97	97	229	396	
10/ 41	.8	1.4	.6	.0	.3	.0																99	99	144	467	
8/ 39	.4	.6	.2	.0																		53	53	98	26	
6/ 37	.3	.3	.1	.1																		27	27	69	205	
4/ 35	.1	.3	.1																			18	18	24	133	
2/ 33	.2	.3																				18	18	33	106	
0/ 31	.1	.3																				8	8	21	151	
26/ 29	.0	.0																				2	2	1	65	
24/ 27	.1	.1																				8	8	5	33	
22/ 25																									14	
20/ 23																									8	
18/ 21																									3	
16/ 19																									1	
Element (X)	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) AIR WEATHER SERVICE OF THE U.S. AIR FORCE

21

21

YEAR

1119
MONTH

PAGE 1

0.26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

74-83

YEAR

PAGE 1

1900-1900
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/ 93												.1						1	1																
42/ 91								.1	.2	.5	.3	.1						14	14																
4 / 79						.1	.1	.6	.6	.3	.7	.1						18	18																
74/ 77						.1	.5	1.0	1.2	.6	.1							33	33																
76/ 75					.1	1.1	.9	1.8	.7	.3								43	43																
74/ 73						1.4	2.1	.8										37	37																
71/ 71					.5	2.7	2.3	1.4	.2	.2								63	63																
71/ 69			.1	.1	1.5	2.1	2.4	.3	.2									59	59	2															
67/ 67			.7	.8	2.9	1.6	.5	.8										59	59	5															
66/ 65			.5	1.3	2.7	1.6	.1		.1									54	54	3															
64/ 63		.5	1.5	4.2	4.8	1.4	1.0	.1	.1									119	119	73	5														
62/ 61		1.1	1.7	1.7	1.4	.9	.6											64	64	117	16														
61/ 59	.1	2.4	.9	1.8	1.5	.8	.2	.2										70	70	124	50														
58/ 57		1.7	1.4	2.1	.5	.3	.1											53	53	123	78														
56/ 55	.1	1.3	.8	2.1	.6		.1											43	43	89	89														
54/ 53	.2	1.3	1.6	.8	.9	.1												43	43	73	101														
52/ 51	.2	1.1	2.1	.9	.2	.1												40	40	70	112														
5 / 49	.6	.9	1.3	1.1														33	33	65	119														
48/ 47	.7	1.7																14	14	43	61														
46/ 45	.6																	5	5	42	101														
44/ 43	.1																	1	1	10	38														
42/ 41																					56														
4 / 39																					23														
38/ 37																					8														
36/ 35																					2														
32/ 31																					5														
3 / 29																					1														
28/ 27																					1														
TOTAL	1.4	11.2	13.4	16.9	17.6	14.3	11.4	7.4	3.6	1.8	.7	.3						866	866	866	866														
																						866		866											
																								866											

2.

•

74-83

YEARS

**ALL
MONTANA**

PAGE ' 1220-1400
HOURS (L. S. T.)

[illegible]

USAFETAC
FOIA b 7
0-26-5 (OL A)
SERIALS REDUCED NUMBER OF THIS CODE ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

74-83

TABLE

—**1991**

PAGE 1 1530-1700
HOURS (L. S. T.)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HOFENFELS AAF 6E

74-93

1112

BY AIR

STATION NAME

YEARS

100%

PAGE 2

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

[illegible]

0-26-5 (OLA)

SAFETY

PSYCHROMETRIC SUMMARY

7715 WOMENFELS AAF GE
STATION STATION NAME

74-83

YEARS

JUN
MONTH

PAGE 6

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															
67 / 99																		2	2																
64 / 93																		2	2																
62 / 91												.5	.5					2	2																
60 / 89												.5	.1		.0			6	6																
58 / 87											.5	.1	.1	.1				14	14																
56 / 85											.1	.3	.3	.1	.2			36	36																
54 / 83												.3	.2	.2				37	37																
52 / 81									.1	.7	.9	.6	.6	.1				115	115																
50 / 79							.2	.5	.7	.9	.3	.0						91	91																
48 / 77						.3	.8	1.3	1.2	1.1	.8							176	176																
46 / 75				.1	.1	.6	1.1	1.4	1.5	.2								166	166																
44 / 73			.1	.1	.9	1.5	.9	.3	.1									130	130																
42 / 71			.1	.4	.9	1.8	.9	.5	.1									162	162																
40 / 69		.1	.4	.8	1.4	1.6	.2	.4	.0									172	172	11															
38 / 67		.1	.4	2.5	1.8	.7	.6	.2										202	202	53															
36 / 65		.4	.6	1.5	1.4	.5	.3	.1										165	165	154	1														
34 / 63	.5	.6	1.4	3.1	2.8	2.5	1.8	.4	.1									395	395	264	19														
32 / 61	.1	1.0	1.6	1.4	1.2	1.5	.6	.1										244	244	380	64														
30 / 59	.3	2.2	1.6	1.7	1.4	.9	.5	.1										299	299	468	168														
28 / 57	.2	1.8	1.7	1.4	.5	.5	.1	.1										215	215	438	232														
26 / 55	.3	1.9	1.6	1.4	.5	.2	.											277	277	334	328														
24 / 53	.6	1.9	1.6	.6	.0	.1												192	192	352	381														
22 / 51	.4	2.7	1.1	.7	.1	.1												152	152	326	425														
20 / 49	.5	1.9	1.1	.4														141	141	280	461														
18 / 47	.1	.7	.8	.1	.													61	61	177	357														
16 / 45	.2	1.1	.1															49	49	147	418														
14 / 43	.2	.5	.1															25	25	63	187														
12 / 41	.4	.1	.															17	17	23	239														
4 / 39		.1																2	2	5	115														
28 / 37		.	.															2	2	3	54														
30 / 35		.																1	1		17														
34 / 33																				2	5														
32 / 31																					7														
1 / 29																					5														
Element (H)	Σ H ²		Σ H		Σ I		Σ S		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 6 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

AD A147 167 HONENFELS AAF GERMANY LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LISCS)(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. AUG 84
UNCLASSIFIED USAFETAC/DS RA/025 SR1 AD-E850 753 F/G 4/2

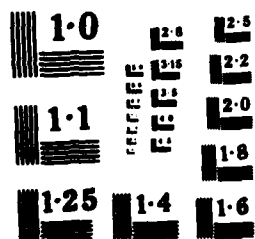
HOHENFELS AAF GERMANY LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (11S0C51(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. AUG 84
USAFETAC/DS 84/025 SRI AD-E850 753 F/G 4/2

3/3

F/G 4/2

Ni

END
FILE
TIME
12 34



PSYCHROMETRIC SUMMARY

74-83

STATION

STATION NAME

YEARS

1994

PAGE 2

414

MOORE (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1-7715
STATION

HCHENFELS AAF GE

74-83

YEARS

NOTES

PAGE 1

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

[illegible]

2

PSYCHROMETRIC SUMMARY

107715 HCHENFELS AAF GE

74-03

MONTY

PAGE 1 1900-1100
1917 (L. A. T.)

USAFETAL
FORM
AA 04
0-20-5 (OLA)
REVISED SEPTEMBER 1975

2

PAGE 1

YEARS

DATE

1200-1400
MAY 2 (L. S. T.)

USAFETAC
FOIA b 7
0-20-5 (OL A)
SERVED SEVERAL MEMBERS OF THE HOUSE AND SENATE

PSYCHROMETRIC SUMMARY

74-83

YEARS



PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HOFENFELS AAF 6E 74-83 JUL 1500-1700
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				
12/101																		.1	1	1					
10/99																		.2	2	2					
08/93														.2	.5				6	6					
02/91												.4	.2	.4	.5				12	12					
01/89												.6	.8			.1			13	13					
48/87										1.2	.5	.4			.2				19	19					
36/85									.4	.7	.5	.1	.7						20	20					
84/83								.1	.6	1.5	.6	.7	.4	.4	.2				35	35					
80/81						.5	1.2	2.9	2.5	.9	.6	.4							76	76					
91/79						.2	.4	2.1	1.9	.9	.1	.2	.1						51	51					
70/77						.9	1.2	2.8	1.5	2.1	.2								74	74					
76/75				.1		.8	1.3	1.2	1.9	.4									44	44					
74/73				.1	.2	.7	1.5	1.3	.7										39	39					
72/71				.4	.6	1.6	1.3	2.0	.9			.1							59	59					
71/69			.3		.9	2.2	1.3	.9	.1	.2									56	56	23				
68/67	.1		.2	.1	1.5	1.5	.8	1.1											46	46	59				
66/65			.4	.4	1.9	1.4	1.1	.1											44	44	95				
64/63	.1	.9	.9	1.9	1.6	2.9	1.3												83	83	117				
62/61		1.1	2.1	.6	1.1	1.3	.4												54	54	108				
60/59	.5	2.0	.9	1.1	.4	.5	.1												46	46	136				
58/57		1.8	.6	1.1															29	29	99				
56/55	.2	1.3	.7																19	19	86				
54/53	.5	1.3	.1																16	16	61				
52/51		1.1																	9	9	59				
50/49	.2																		2	2	12				
48/47																									
46/45																									
44/43																									
42/41																									
40/39																									
38/37																									
36/35																									
34/33																									
32/31																									
Element (X)	Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R				
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-20-5 (OL A) REVISED PERIODIC SERVICES OF THE FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

74-03

YEARS

MONTY MINK

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	
3 / 29																					?	
20 / 27																					2	
TOTAL	1.6	9.4	6.7	5.6	8.2	14.0	10.6	11.0	10.3	8.7	4.8	3.4	2.1	1.8	1.4	.1	.4	855	855	855		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7735 MOHNFELS AAF GE 74-83 YEARS MONTH ALL

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				
2/ 1																									
6/ 99																									
88/ 97																									
94/ 93																									
97/ 91																									
2/ 89																									
88/ 87																									
16/ 85																									
94/ 83																									
1/ 81																									
0/ 79																									
78/ 77																									
76/ 75																									
74/ 73																									
72/ 71																									
72/ 69																									
68/ 67																									
66/ 65																									
64/ 63																									
62/ 61																									
60/ 59																									
58/ 57																									
56/ 55																									
54/ 53																									
52/ 51																									
5/ 49																									
48/ 47																									
46/ 45																									
44/ 43																									
42/ 41																									
4/ 39																									
38/ 37																									
36/ 35																									
34/ 33																									
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISION 10-64

1 7715	HOMENFELS AAF GE
STATION	STATION NAME

74-83

PAGE 2

USAFETAC
FOIb001
0-26-5 (OL A)
REMOVED AND VARIOUS PORTIONS OF THIS A-4 ARE ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 7715 HOFENFELS AAF GE STATION NAME 74-83 YEARS MONTH AUG

PAGE 1 0670-0800
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			
70/ 77																		1	1					
70/ 71						.1		.1										3	3					
70/ 69					.2	.7												5	5					
60/ 67		.1	.3		1.1	.1												15	15	1				
60/ 65			.2	.7	.3													13	13	6	1			
60/ 63	.9	3.2	3.3	2.	.1													94	84	20	18			
62/ 61	1.1	4.9	2.	.3	.1													75	75	62	20			
50/ 59	2.3	7.1	2.4	1.7	.2													120	120	94	85			
50/ 57	1.9	5.1	2.6	.6	.2													92	92	111	89			
50/ 55	3.1	8.1	2.3	.5	.1													123	123	94	106			
50/ 53	2.7	7.3	2.6	.1														112	112	147	108			
52/ 51	3.5	3.9	.5	.1														76	76	133	122			
50/ 49	2.5	4.2	.3															62	62	77	1.9			
40/ 47	.7	2.7	.1															25	25	43	76			
40/ 45	2.2	3.2	.2															49	49	43	87			
40/ 43	.8	.8																14	14	27	30			
42/ 41	.6	.3																8	8	11	22			
40/ 39		.3																3	3	2	3			
35/ 37	.2	.2																4	4	5	5			
30/ 35	.1																	1	1	2	2			
30/ 33																				1	2			
32/ 31																					1			
TOTAL	22.5	51.1	17.5	5.8	2.6	.2	.1	.1										879	879	879	879			

PSYCHROMETRIC SUMMARY

1-1715 HOHENFELS AAF GE
STATION STATION NAME

74-83

YEARS

ALL
MONTH

PAGE 1

1975-1976
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

17.5
STATION

4CHENFELS AAF GE
STATION NAME

74-83

YEARS



PAGE

1200-19-2
HOURS (C. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
1 / 7												.2													
2 / 8									.1			.1													
38 / 87									.1	.3								4	4						
45 / 85									.2	.2	.2							6	6						
54 / 83									.2	.7	.2							11	11						
61 / 81						.2	.7	1.1	1.8	2.0	.3							55	55						
7 / 79						1.1	.7	1.8	2.9	.9								66	66						
71 / 77						1.2	1.6	3.1	1.2	.8	.2	.1						74	74						
76 / 75					.1	2.7	2.3	1.4	1.8	.1								67	67						
74 / 73				.5	.6	1.9	2.2	2.0	.6	.1								67	67	2					
72 / 71				.4	1.9	2.0	4.2	1.7	.6									97	97	4					
71 / 69			.7		.4	1.7	3.1	2.1										69	69	26					
62 / 67			.4	.7	3.7	1.7	.9	.4	.1	.1								74	74	43					
56 / 65			.7	.3	2.3	1.7	.8	.2	.1									56	56	109	6				
54 / 63		.7	2.1	3.8	.7	2.5	.9											103	103	135	46				
52 / 61		.7	.7	1.7	.4	1.1	.3											44	44	119	44				
57 / 59	.1	1.3	2.1	.6	.6	.2	.1											47	47	162	88				
58 / 57		.8	.7	.7	.2	.1												22	22	107	104				
55 / 55	.1	1.3	.6	.2														21	21	77	115				
54 / 53	.1	.7	.2	.1														11	11	57	139				
52 / 51	.1	.1																3	3	46	117				
51 / 49		.1																1	1	11	92				
43 / 47																				5	57				
45 / 45																					62				
44 / 43																					12				
42 / 41																					19				
41 / 39																					5				
38 / 37																					5				
35 / 35																					7				
TOTAL	.6	5.2	8.6	10.0	13.3	14.6	16.9	11.8	8.9	5.2	1.1	.4						903		903	903				

Element (X)	Σx²	Σx	Σx	Σx²	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Rel. Hum.	3225771	52079	57.7	9.972	903							
Dry Bulb	4489762	63294	72.1	7.688	903			61.3	36.6	10.1		93
Wet Bulb	3303513	54449	65.3	4.750	903			7.7	.2			93
Dew Point	2618767	44383	53.6	5.411	903							93

PSYCHROMETRIC SUMMARY

74-83



PAGE 1 1500-1700
WHSB (C. 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												.5						3	3						
91 / 89										.1	.1	.1	.1					5	5						
88 / 87										.1	.2	.1						4	4						
86 / 85							.2			.1			.1					6	6						
84 / 83								.1	.6	.2	1.3							17	17						
81 / 81							.2	2.2	3.4	3.1	.5							88	88						
79 / 79						.5	1.1	.9	2.4	1.6								57	57						
76 / 77						.8	.9	3.0	1.9	.9	.6							71	71						
76 / 75						2.7	1.9	1.0	2.1		.3							66	66	1					
74 / 73		.1	.1	.3	.2	2.7	3.0	2.4	.6	.2								85	85	2					
72 / 71					.2	1.0	2.7	2.5	1.3	.3	.3							74	74	4					
71 / 69			.5		.5	1.5	2.6	1.6	.2	.2								62	62	24					
68 / 67			.7	.3	2.5	1.9	1.1	.6										60	60	52					
66 / 65		.1	.1	.2	2.4	1.6	.7	.1	.1									97	97	101					
64 / 63		.9	1.7	2.4	1.9	2.4	1.1	.3										90	90	149					
62 / 61		.2	1.7	.7	.5	.9	.1											30	30	110					
59 / 59	.1	1.9	1.7	.7	.7	.2	.2											49	49	145					
58 / 57	.1	1.3	.3	.3	.1	.2												21	21	100					
56 / 55	.1	1.6	.9	.1														74	24	82					
54 / 53	.1	.9	.6															14	14	51					
52 / 51	.2																	2	2	40					
51 / 49																				14					
48 / 47																				4					
45 / 45																									
44 / 43																									
42 / 41																									
41 / 30																									
38 / 37																									
36 / 35																									
TOTAL	.5	7.3	6.9	5.8	7.7	18.9	15.5	12.1	2.0	6.5	3.0	.6	.2					875		875					
																		875		875					

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.	2962631	48973	56.045	925	875	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	4449193	61989	70.8	8.119	875			63.6	42.7	14.6		93
Wet Bulb	3213324	52860	60.4	4.781	875			8.4	.3			93
Dew Point	2511936	46642	53.3	5.420	875			.5				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HONOLULU AAF 6E

74-81

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
94/ 91												.1						5	5						
9 / 89									.1	.2	.1	.1	.0					8	8						
98/ 87									.1	.1	.1	.0						9	9						
90/ 85									.1	.1	.1		.0					13	13						
94/ 83									.1	.3	.3	.3						31	31						
92/ 81						.1	.4	.8	1.3	1.3	.2							143	143						
8 / 79						.4	.5	.7	1.4	.7								132	132						
74/ 77					.1	.1	.9	1.8	.9	.4	.2	.2						185	185						
76/ 75				.0	.2	1.6	1.3	.8	.8	.0	.1							172	172	1					
78/ 73		.0	.0	.4	.3	1.5	1.9	1.2	.3	.1								209	209	8					
72/ 71				.2	1.3	1.8	1.9	.8	.3	.1								228	228	8					
7 / 69			.5	.7	1.4	2.7	1.2	.1	.1									212	212	50	1				
64/ 67		.7	.6	.7	2.9	1.5	.6	.3	.0	.7								234	234	124	5				
66/ 65		.1	1.0	.6	2.2	1.2	.4	.7	.1									202	202	271	9				
64/ 63	.3	1.7	2.7	3.3	1.8	1.7	.6	.1										433	433	423	122				
62/ 61	.3	1.9	1.4	1.4	.4	.6	.2	.1										222	222	490	179				
60/ 59	.6	3.2	2.3	1.4	.8	.2	.1											307	307	535	378				
58/ 57	.5	2.2	1.5	.5	.2	.1												184	184	450	404				
56/ 55	1.0	3.3	1.3	.4	.1													217	217	353	459				
54/ 53	.8	2.5	1.1	.1														157	157	343	503				
52/ 51	1.0	1.1	.2	.1														95	85	271	440				
5 / 49	.6	1.1	.1															66	66	128	382				
48/ 47	.2	.5	.0															27	27	62	242				
46/ 45	.5	.8	.1															50	50	44	242				
44/ 43	.2	.2																14	14	27	79				
42/ 41	.1	.1																8	8	12	61				
4 / 39		.1																3	3	2	23				
38/ 37	.1	.1																9	9	5	19				
36/ 35		.0																1	1	2	5				
34/ 33																					1	2			
32/ 31																						1			
TOTAL	6.2	29.0	12.7	10.0	11.7	13.5	10.3	6.7	5.6	3.1	1.0	.3	.1					3556		3556		3556			
																							3556	3556	
Element (X)	Σx'		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	17529396		290552		67.6		8.8		803		1584		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F				
Dry Bulb	15864780		232904		68.5		9.346		3584								329.7		188.7		50.8				
Wet Bulb	12201001		207389		68.3		9.589		3584								39.1		1.0						
Dew Point	10215816		189682		68.1		8.323		3584				.2		1.3										

0-26.5 (OL A) REVERSED HOURS EXTENSION OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

SEP
1954

PAGE 1 0600-0800
NOV 11 (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.S./W.S.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65					.1													1	1					
64/ 63		.9	.2	.4														12	12	4	3			
62/ 61	.2	.6	.9	.1														15	15	6	3			
6 / 59	1.6	3.5	1.3	.2	.1													56	56	23	18			
54/ 57	1.8	3.9	.9	.1														55	55	53	40			
56/ 55	2.8	4.5	1.7	.4														77	77	65	52			
54/ 53	2.7	5.1	.9	.1														72	72	84	78			
52/ 51	3.9	4.3	.9	.1														75	75	88	69			
5 / 49	3.9	5.7	1.3	.1														85	85	89	82			
48/ 47	4.1	4.4	.9	.1	.1													78	78	79	91			
46/ 45	10.7	6.1	.5															142	142	143	173			
44/ 43	3.5	2.1																46	46	64	63			
42/ 41	4.6	1.3																49	49	57	68			
4 / 39	1.8	.2																17	17	23	29			
38/ 37	1.6	.1																14	14	15	18			
36/ 35	1.5	.4																15	15	14	18			
34/ 33	.4	.1																4	4	6	5			
32/ 31	.4	.1																4	4	4	6			
30/ 29	.4																	3	3	3	3			
28/ 27																					1			
TOTAL	45.94	2.7	9.4	1.7	.4													620	820	820	920			

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

2

2

S.F.P.
MONYU

STATION

STATION NAME

YEARS

MONYNE

0900-1100
NOV 22 (L. S. T.)

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

USAFETAC

PSYCHROMETRIC SUMMARY

74-83

SE

PAGE 1 1200-1000
MM01 (1. 1. 1.)

[illegible]

PSYCHROMETRIC SUMMARY

!-7715	WOMENFELS AAF GE
STATION	STATION NAME

74-83

72421

~~SECRET~~

PAGE 1 ~~1500-1700~~
 ~~89841-1-21~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
94/ 93									.2									2	?						
92/ 91									.7	.2	.1	.1						16	16						
90/ 79								.6	1.2	.2								18	18						
79/ 77							.4	1.7	1.1	.6	.6							36	36						
76/ 75								1.7	1.9	1.2	.7	.4						49	49						
74/ 73					.2	.4		1.7	1.7	1.1	.2							48	48						
72/ 71					.2	1.1		1.1	2.3	1.9	.5							59	59						
75/ 69					.1	1.0		1.8	2.4	1.0								52	52						
68/ 67				.4	.5	1.6		2.9	1.6	.6								62	62	15					
66/ 65		.2	.1	.6	2.2	1.7	.7		.4									49	49	53					
64/ 63		.7	1.4	3.4	2.4	2.4	1.8	.5										111	111	74	9				
62/ 61		.7	.8	2.3	1.1	2.7	.6											68	68	73	19				
60/ 59		.6	2.1	1.4	3.4	1.3	.5											77	77	122	64				
58/ 57		1.2	.3	2.3	1.0	.6												49	49	92	65				
56/ 55		1.0	.5	2.3	1.0	.4												44	44	97	68				
54/ 53		.2	.5	.5	.4	.1												17	17	72	82				
52/ 51		1.1	.5	.6	.4													23	23	82	90				
50/ 49		1.0	.5	.1	.4													16	16	63	85				
48/ 47		.8	.5															11	11	34	69				
46/ 45		1.1	.8															16	16	27	122				
44/ 43		.6	.1															6	6	18	61				
42/ 41																				5	47				
40/ 39																				1	29				
38/ 37																					13				
36/ 35																					11				
34/ 33																					2				
TOTAL	.2	9.3	9.4	4.9	16.5	19.2	15.2	8.7	4.6	1.4	.1	.1						829	829	829	829				

Element (X)	Σx ¹	Σx	Σx ²	Σx ³	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3272738	53628	61.1	8.778	829	0 F	32 F	67 F	73 F	80 F	93 F	
Dry Bulb	3519153	53557	69.6	8.951	829			17.1	18.1	2.1		90
Wet Bulb	2660191	46709	56.3	5.906	829			1.7				90
Dew Point	2111516	61516	80.1	6.286	829							90

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1-7715
STATION

HOHENFELS AAF GE

STATION NAME

74-83

YEARS

ACE
MONTH

PAGE 1

2600-0000
1948 (1-2-1)

[illegible]

PSYCHROMETRIC SUMMARY

1 7715	HCHENFELS AAF GE
STATION	STATION

74-83

OCI
MONTH

YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
72 / 71					.2		.1											1	1					
68 / 67					.2													2	2					
66 / 65				.1	.2													3	3					
64 / 63			.1	.5	.4	.2												10	17					
62 / 61		.1	.6	.2	.1													9	9	3				
60 / 59		.6	.7	.6	.6													21	21	4				
58 / 57		1.0	.4	1.3	.2	.1												27	27	17	4			
56 / 55	.6	1.6	1.3	1.2	.4													42	42	24	17			
54 / 53	1.0	1.0	2.2	1.1	.2													45	45	34	32			
52 / 51	1.4	3.1	2.2	.6	.2													63	63	54	27			
50 / 49	.8	2.9	1.8	.6		.1												52	52	65	37			
48 / 47	1.7	3.3	3.4	.7														75	75	79	55			
46 / 45	5.9	8.9	4.7	1.4	.2													169	169	117	161			
44 / 43	2.4	4.7	1.7	.4														76	76	125	70			
42 / 41	3.1	9.2	1.1	.2		.1												114	114	94	126			
40 / 39	2.2	2.5	.6	.1	.1													46	46	92	94			
38 / 37	2.3	1.9	.2		.1													38	38	52	90			
36 / 35	1.2	.9	.4															20	20	35	51			
34 / 33	.8	.6		.1														13	13	17	24			
32 / 31	.1	.1																2	2	10	15			
30 / 29	.2																	2	2	3	10			
28 / 27																				1	12			
26 / 25																					1			
22 / 21																					1			
18 / 17																					2			
14 / 13																					1			
TOTAL	23.6	42.4	20.9	9.3	3.1	.6	.1											830		830	830			

Element (X)	Σ _F	Σ _H	X	C _s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.						< 0 F	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	6196729	71003	85.5	2.132	830							
Wet Bulb	1848721	38739	46.7	6.738	830			.4	.1			
Dew Point	1673862	36946	44.5	6.936	830			1.6				
	1819817	38129	42.3	6.239	830			9.7				

PSYCHROMETRIC SUMMARY

7715 WOMENFELS AAF GE
STATION STATION NAME

74-83

YEAR

~~OCI~~

PAGE 1 1200-1400
MAY 11 1961

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 7715 MOHNFELS AAF GE 74-03 OCT 1500-1700
STATION MONTH YEARS 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				
74/ 73							.6											3	7						
77/ 71						.7	.6	.1										4	8						
77/ 69				.4	.5		.4											10	10						
68/ 67					1.1	.7												10	10						
67/ 65			.3	.5	.7	.7												17	17						
67/ 63			.1	2.0	1.5	1.3	.7											42	42	3					
62/ 61			.7	.9	.8	.3	.1											18	18	17					
59/ 59		.7	2.0	.9	1.5	.3	.3											39	39	18	4				
57/ 57		.9	1.1	2.1	1.3	.8												47	47	28	12				
57/ 55		1.3	2.4	2.4	.9	.3	.1											56	56	45	23				
54/ 53	.5	1.3	2.0	2.1	.7	.4												53	53	45	27				
52/ 51	.1	.9	1.9	2.7	.5	.1	.1											58	58	62	45				
50/ 49	.9	2.4	1.9	1.3	1.1	.1												73	73	64	45				
48/ 47		2.7	4.5	1.2	.8													65	69	81	35				
46/ 45	1.7	6.8	4.7	1.7	.4	.7												117	117	115	128				
44/ 43	1.2	3.1	1.6	1.3														54	54	100	79				
42/ 41	2.0	4.4	1.2	.1														58	58	81	135				
41/ 39	.1	1.3	.3															13	13	44	68				
38/ 37	.4	1.3																13	13	26	62				
36/ 35	.1	.7																6	6	16	30				
34/ 33																				5	33				
32/ 31																					17				
31/ 29																					7				
26/ 27																					2				
27/ 21																					.				
21/ 19																					1				
TOTAL	7.22	27.52	6.41	9.61	1.2	5.1	2.4	.1										750	750	750	750				

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HOMERFELS AAF GE

79-83

YEARS

OCT

MONTH

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						
76/ 75																						1				
74/ 73																						6				
72/ 71																						13				
70/ 69																						17				
68/ 67																						24				
66/ 65																						28				
64/ 63																						93				
62/ 61																						59				
60/ 59																						91				
58/ 57																						121				
56/ 55																						184				
54/ 53																						179				
52/ 51																						189				
50/ 49																						264				
48/ 47																						272				
46/ 45																						511				
44/ 43																						300				
42/ 41																						329				
40/ 39																						157				
38/ 37																						120				
36/ 35																						83				
34/ 33																						56				
32/ 31																						28				
30/ 29																						26				
28/ 27																						24				
26/ 25																						2				
24/ 23																						4				
22/ 21																										
20/ 19																										
18/ 17																										
16/ 15																										
14/ 13																										
TOTAL	24.7	34.5	18.6	12.3	6.2	2.9	1.4	.2														3181	3181	3181		
Element (K)	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	22560989		263803		82.9		9.662		3181		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total			
Dry Bulb	74276.0		151460		97.6		8.241		3181				19.6		14.3		1.6						744			
Wet Bulb	6547723		142783		99.9		6.669		3181				23.2										744			
Dew Point	5804649		134299		92.2		6.507		3181				98.2										744			

FORM 0-26-5 (OL A) REVISED SEPTEMBER 1968 OF THE FORM 0-26-5

USAFETAC

2

74-83

NOV
MONTH

PAGE 1 2600-0800
HOURS (L. S. T.)

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

PSYCHROMETRIC SUMMARY

1716 HOMENFEL AAF GL
STATION STATION NAME

74-83

YEAR

~~NO~~
MONT

PAGE 1 2930-1120
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													
57 / 57																		4	4															
56 / 55																		7	7															
54 / 51																		1	1	2														
52 / 51		1.	.9	.3														16	16	4														
5 / 44	.1	.7	1.2	.3														17	17	15	5													
42 / 47	.1	1.4	1.	.3														22	22	18	13													
40 / 45	1.0	3.8	1.2															46	46	42	34													
44 / 43	2.	2.6	.7															42	42	34	44													
42 / 41	5.7	8.6	1.3															120	120	88	78													
4 / 39	3.	7.0	.9		.1													81	81	76	67													
38 / 37	4.4	3.3	.4															62	62	97	81													
36 / 35	2.6	8.2	1.	.1														92	92	72	80													
34 / 33	4.8	6.6	.5															92	92	107	92													
32 / 31	5.2	4.3	.1															74	74	104	94													
30 / 29	2.5	1.7	.1															33	33	36	74													
28 / 27	2.3	1.3	.3															30	32	19	43													
26 / 25	.1	.1																2	2	13	13													
24 / 23	.8	.3	.1															9	9	8	10													
22 / 21	1.																	8	8	10	12													
20 / 19	.3																	2	2	1	9													
18 / 17	.3																	2	2	4	3													
16 / 15	.4																	3	3	3	5													
14 / 13	.3																	2	2	2	3													
12 / 11	.4																	1	1	1	1													
10 / 9	.1																	1	1	1	1													
8 / 5																					1													
TOTAL	36.9	51.1	15.0	1.4	.5													769	769	769	769													

Element (X)	Z _R ¹	Z _R	I	C _s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6380822	69688	90.6	9.241	769	< 6 F	> 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Dry Bulb	1121924	28864	37.6	6.944	769		19.5					90
Wet Bulb	1050940	27994	36.4	6.442	769		23.9					90
Dew Point	972695	26879	35.0	6.579	769		32.0					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 7715 HOFENFELS AAF GF 74-83 NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
57/ 51				.3														2														2				
56/ 50			.3	.1	.4													6														6				
55/ 49			.1	.7														6														6				
54/ 48		.7	1.4	1.1	.6													11														11			4	
53/ 47		1.2	1.4	1.3														26														26	26		2	
52/ 46	.1	1.5	1.3	1.1														26														26	26	16	2	
51/ 45	.1	1.9	1.5	2.1														29														29	29	15	15	
50/ 44	.4	5.7	4.2	1.3	.1													41														41	43	31	12	
49/ 43	.7	3.9	2.6															79														79	79	64	64	
48/ 42	2.9	7.6	2.6	.1	.1													52														52	52	65	43	
47/ 41	.7	4.9	2.9	.1	.3													97														97	97	89	78	
46/ 40	2.8	5.3	1.5	.4														64														64	64	81	64	
45/ 39	2.4	4.7	1.3															72														72	72	74	87	
44/ 38	2.4	6.1	.1															60														60	60	86	92	
43/ 37	2.2	3.3	.6															62														62	62	76	72	
42/ 36	.6	1.5	.3															44														44	44	76	64	
41/ 35	.6	.8																17														17	17	14	57	
40/ 34	.4																	16														16	16	16	35	
39/ 33	.8	.4																3														3	3	6	19	
38/ 32	.8	.4																9														9	9	8	17	
37/ 31	.3																	2														2	2	1	2	
36/ 30																																			2	6
35/ 29																																				1
34/ 28																																				1
33/ 27																																				1
32/ 26																																				1
31/ 25																																				1
30/ 24																																				1
29/ 23																																				1
28/ 22																																				1
27/ 21																																				1
26/ 20																																				1
25/ 19																																				1
24/ 18																							</													

Element (X)	Σx^1	Σx	Σ	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	51906.17	61589	61589	1.309	720	< 6 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Dry Bulb	1245146	29480	29480	7.280	720		17.6					90
Wet Bulb	1113856	27946	27946	6.369	720		15.9					90
Dew Point	977575	26128	26128	6.396	720		25.9					90

PSYCHROMETRIC SUMMARY

74-83

YEAR

NOV
1974

PAGE 1 1520-1700

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/ 61				.1		.1												2	2						
59/ 59				.1	.4													4	4						
57/ 57			.4	.7	.1													6	6						
56/ 55			.7	.3	.3													6	6	1					
54/ 53		.3	1.6	.7	.3													20	20	4					
52/ 51		1.2	.6	.6	.1													18	18	17	8				
50/ 49		1.7	1.6	.6														24	24	21	6				
48/ 47	.1	.7	1.7	1.6														29	29	28	18				
47/ 46	1.0	5.9	3.2	.6														73	73	40	36				
44/ 43	.6	3.6	2.3	.1														46	46	47	41				
42/ 41	4.2	9.8	1.7															109	109	92	67				
40/ 39	1.4	5.9	1.4		.3													63	63	68	65				
38/ 37	2.9	4.2	.6															53	53	74	76				
36/ 35	3.3	5.2	.9															65	65	67	95				
34/ 33	4.0	6.3	1.2															80	80	78	59				
32/ 31	1.7	3.0	.1															39	39	74	62				
30/ 29	.0	1.9	.3															21	21	21	63				
28/ 27	1.2	1.9	.3															23	23	23	34				
26/ 25	.7	.1																6	6	11	15				
24/ 23	.4	.3																5	5	5	17				
22/ 21	.7	.1																3	3	2	4				
20/ 19	.3																	2	2	3	7				
18/ 17	.1																	1	1	1	2				
16/ 15																					1				
14/ 13																					1				
TOTAL	23.4	51.7	8.2	5.1	1.6	.1												693	693	693	693				

Element (X)	$\Sigma H'$	ΣH	Σ	σ_a	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5260955	59929	26.53	0.633	693	= 6 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	1139401	27643	19.9	7.296	693		12.1					90
Wet Bulb	1835823	26417	30.1	6.453	693		10.2					90
Dew Point	928829	2991	16.0	6.388	693		26.8					90

PSYCHROMETRIC SUMMARY

74-83

Now

PAGE 1

Also

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
67/ 61				.1														4	4																
61/ 59			.1	.1	.2													10	10																
58/ 57			.2	.3	.4													16	16																
55/ 55		.1	.2	.4	.2													28	28	5															
54/ 53		.3	.3	.4	.2													49	49	11															
52/ 51		.6	.7	.5	.6													64	64	40	9														
51/ 48	.1	1.2	1.1	.5														83	83	75	25														
41/ 47	.3	1.2	1.2	1.2														108	108	87	56														
46/ 45	1.7	4.5	2.2	.4														239	239	165	160														
44/ 43	.9	2.7	1.4															148	148	207	148														
42/ 41	4.5	7.3	1.4		.6													390	390	315	291														
41/ 39	2.8	5.7	1.2		.2													288	288	272	260														
38/ 37	3.9	3.7	.6	.1														245	245	321	300														
36/ 35	3.6	5.7	.9	.6														303	303	302	351														
34/ 33	4.8	6.1	.4															333	333	367	305														
32/ 31	4.3	3.7	.2															240	240	364	324														
31/ 29	2.4	2.7	.2															135	135	132	276														
24/ 27	3.1	1.4	.1															132	132	126	197														
26/ 25	.7	.1																25	25	47	72														
24/ 23	.9	.3																36	36	33	54														
22/ 21	.5	.1																19	19	22	29														
21/ 19	.1	.1																6	6	7	30														
18/ 17	.4	.6																12	12	15	14														
16/ 15	.1																	3	3	3	10														
14/ 13	.1																	2	2	2	6														
12/ 11	.2																	6	6	6	6														
11/ 9	.3																	10	10	10	9														
8/ 7	.1																	1	1	1	2														
6/ 5	.1																	3	3	3	4														
TOTAL	35.2	27.7	12.8	4.0	1.0	.0												2938		2938	2938														
																		2938		2938															

Element (X)	Z _h	Z _x	Z	P _a	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	23685757	262013	89.2	10.426	2938	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	4454750	112160	38.2	7.674	2938		159.9					720
Wet Bulb	4116236	108082	36.8	6.908	2938		180.9					720
Dew Point	3752808	103086	35.1	6.793	2938		283.2					720

PSYCHROMETRIC SUMMARY

74-83

DEC

PAGE 1 0600-0800
0900 (C. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 7715 HOFENFELS AAF GF 74-83 DFC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL O.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
52/ 51			.1	.1		.1												4	4						
57/ 49	.3	.4	.3															10	10	2	2				
48/ 47	.5	1.1	.4	.1														16	16	15	4				
46/ 45	.5	2.9	.3															28	28	20	14				
44/ 43	.3	.5	.5	.1														15	15	27	24				
42/ 41	.9	2.5	.7															30	30	18	22				
40/ 39	1.3	1.3	.9															27	27	25	22				
38/ 37	3.1	2.8	.1															45	45	39	32				
36/ 35	3.1	5.1																61	61	64	38				
34/ 33	5.6	6.9	.1															95	95	91	67				
32/ 31	6.5	5.2	.3															90	90	114	117				
30/ 29	4.9	4.0																67	67	72	95				
28/ 27	8.0	1.2																69	69	67	89				
26/ 25	3.9	2.0																44	44	34	38				
24/ 23	4.9	1.6																48	48	51	48				
22/ 21	1.7	.3																15	15	23	27				
20/ 19	1.3	.3																12	12	12	16				
18/ 17	1.9	.4																17	17	18	17				
16/ 15	1.7	.8																19	19	20	25				
14/ 13	.8	.1																7	7	6	10				
12/ 11	1.9	.1																15	15	16	12				
10/ 9	.9																	7	7	7	15				
8/ 7	.4																	3	3	3	5				
6/ 5	.1																	1	1	1	3				
4/ 3	.1	.1																2	2	1	1				
2/ 1	.1																	1	1	2					
0/ -1																					1				
-2/ -3	.1																	1	1	1	1				
-4/ -5	.1																	1	1	1	1				
-12/-13																					1				
TOTAL	55.5	7.1	3.9	.4		.1												750	750	750	750				
																						750		750	
Element (X)	X ₁	X ₂	X ₃	X ₄	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	6517687	69663	92.9	7.931	750	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb	783743	23289	31.1	8.993	750	.2	52.0					93													
Wet Bulb	745897	22763	30.4	8.571	750	.2	55.7					93													
Dew Point	694216	21860	29.1	8.729	750	.5	64.7					93													

USAFETAC FORM 0-26-5 (OL A) 10-64

PSYCHROMETRIC SUMMARY

YEAR

~~DEC~~
~~MENT~~

PAGE 1 1200-1900
NOV 9 (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 7715 HOHENFELS AAF GE 74-83 YEARS DEC
STATION STATION NAME 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						
55/ 57				.1														2	2								
50/ 55				.1	.1													3	3								
54/ 53			.1	.1		.1												8	8								
52/ 51		.2	.2	.1	.1	.1												19	19	3							
51/ 49	.2	.5	.3	.2	.1													38	38	15	5						
48/ 47	.4	1.2	.2	.3														60	60	48	22						
47/ 45	.4	2.8	.2	.1														104	104	83	61						
44/ 43	1.0	.9	.6	.0														74	74	102	99						
42/ 41	.9	2.8	.7															125	125	85	86						
41/ 39	1.4	2.3	1.1															134	134	118	99						
38/ 37	3.3	3.1	.2															187	187	176	139						
36/ 35	3.2	5.5	.6															263	263	253	192						
34/ 33	4.6	6.1	.2															308	308	316	242						
32/ 31	6.6	4.9	.4															339	339	440	394						
31/ 29	5.6	3.7	.1															269	269	276	369						
30/ 27	7.5	2.9	.1															302	302	278	352						
29/ 25	3.3	1.2	.1															134	134	143	162						
28/ 23	3.6	1.8																154	154	143	164						
27/ 21	1.8	.5																65	65	95	94						
26/ 19	1.1	.6	.1															52	52	46	73						
25/ 17	1.4	.2																45	45	59	58						
24/ 15	1.3	.3																46	46	52	69						
20/ 13	.7	.1																24	24	25	38						
19/ 11	.9	.1																29	29	30	28						
18/ 9	1.2																	33	33	33	52						
17/ 7	.5	.0																15	15	15	26						
16/ 5	.1																	2	2	2	10						
15/ 3	.2	.0																6	6	5	7						
14/ 1	.1																	2	2	3							
13/ -1	.1																	2	2	2	4						
12/ -3	.0																	1	1	1	1						
11/ -5	.2																	7	7	7	4						
10/ -13																						4					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																											
Dry Bulb																											
Wet Bulb																											
Dew Point																											

PSYCHROMETRIC SUMMARY

74-83

DEC
MONTH

STATION

STATION NAME

YEARS

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1715 HOFENFELS AAF GE

74-84

STATION		STATION NAME												YEARS	
HRS	1157	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
10-18	MEAN	26.9	25.1	33.7	37.5	48.1	55.7	58.2	55.7	49.7	41.7	34.6	29.3	41.9	
	S D	10.856	9.624	7.774	6.676	6.998	6.723	5.977	5.985	6.575	6.717	7.588	10.014	13.677	
	TOTAL OBS	747	747	863	957	871	868	859	879	824	822	756	730	9859	
-11	MEAN	28.7	29.8	45.0	46.7	57.2	63.9	66.5	65.2	58.5	46.7	37.6	31.1	48.4	
	S D	9.596	7.476	7.677	7.954	8.088	8.362	7.859	6.684	6.958	6.778	6.944	8.993	15.697	
	TOTAL OBS	792	755	870	861	886	866	889	899	876	830	769	750	10043	
1-14	MEAN	32.0	35.3	45.4	51.1	61.5	67.8	70.4	70.1	63.9	51.4	40.9	34.0	53.2	
	S D	7.351	6.293	8.692	9.425	9.092	9.346	9.130	7.688	8.093	7.643	7.280	7.712	16.059	
	TOTAL OBS	742	712	827	861	888	875	891	923	876	779	729	702	9776	
-17	MEAN	31.6	35.7	46.3	52.0	62.2	68.5	71.6	70.8	64.6	51.2	39.9	33.7	53.6	
	S D	7.300	6.644	8.837	9.726	9.448	9.726	9.893	8.119	8.451	7.800	7.296	7.822	16.626	
	TOTAL OBS	717	687	796	860	886	871	855	875	829	753	693	673	9489	
	MEAN														
	S D														
	TOTAL OBS														
	MEAN														
	S D														
	TOTAL OBS														
	MEAN														
	S D														
	TOTAL OBS														
ALL HOURS	MEAN	29.7	31.4	41.2	46.8	57.3	64.0	66.7	65.5	59.3	47.6	38.2	31.8	49.2	
	S D	9.198	8.799	9.660	10.286	10.137	10.013	9.836	9.346	9.576	8.241	7.674	8.894	16.243	
	TOTAL OBS	3038	2901	3356	3439	3531	3480	3494	3556	3401	3181	2938	2852	39167	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17715 HOMERFELS AAF GE

74-84

STATION		STATION NAME												YEARS
HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
6-39	MEAN	26.6	24.8	33.0	36.1	45.5	52.5	54.8	53.7	48.6	40.9	34.0	28.9	40.5
	S D	1.678	9.445	7.471	6.025	5.894	5.469	4.745	5.275	6.080	6.450	7.302	9.745	12.621
	TOTAL OBS	745	747	863	857	871	868	859	879	820	822	756	730	9857
5-11	MEAN	28.2	29.0	37.8	41.8	50.2	56.3	58.6	58.8	54.0	44.5	36.4	30.4	44.4
	S D	9.341	7.090	6.592	5.997	5.507	5.524	4.731	4.601	5.506	5.936	6.442	8.571	12.762
	TOTAL OBS	792	755	870	861	886	866	889	899	876	830	769	750	10043
12-14	MEAN	30.9	33.1	40.9	43.7	51.8	57.3	59.7	60.3	56.2	47.2	38.8	32.8	46.9
	S D	6.999	5.296	6.816	6.154	5.619	5.661	4.945	4.750	5.707	6.021	6.369	7.090	11.954
	TOTAL OBS	742	712	827	861	888	875	890	903	876	779	720	702	9775
15-17	MEAN	30.7	33.2	41.2	44.2	52.4	57.6	60.0	60.4	56.3	47.2	38.1	32.0	47.0
	S D	7.000	5.515	6.777	6.158	5.512	5.549	4.878	4.781	5.906	6.201	6.453	7.329	12.135
	TOTAL OBS	717	687	796	860	886	871	855	875	829	750	693	670	9489
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	29.0	29.9	38.1	41.5	49.9	55.9	58.3	58.3	53.8	44.9	36.8	31.0	44.7
	S D	8.882	7.876	7.663	6.887	6.208	5.904	5.236	5.559	6.566	6.669	6.908	8.412	12.659
	TOTAL OBS	3036	2901	3356	3439	3531	3480	3493	3556	3401	3181	2938	2852	39164

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1 7715 MCHEMFELS AAF GE

74-84

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
16-08	MEAN	25.8	23.9	32.0	34.2	42.9	50.1	52.3	52.2	47.7	40.2	33.3	28.1	39.3
	S D	11.027	9.846	7.750	6.167	6.092	5.458	4.965	5.280	6.024	6.549	7.328	9.927	12.345
	TOTAL OBS	795	747	863	857	871	868	859	879	820	822	756	730	9857
16-11	MEAN	27.1	27.3	34.9	36.1	43.7	50.5	52.9	54.2	50.4	42.3	35.0	29.1	40.8
	S D	9.669	7.510	6.955	6.838	6.278	5.849	5.172	4.985	5.811	6.234	6.574	8.729	11.760
	TOTAL OBS	792	755	870	861	886	866	889	899	876	830	769	750	10043
16-14	MEAN	28.9	29.6	35.4	35.7	43.1	49.5	52.2	53.6	50.3	43.2	36.3	30.8	41.4
	S D	7.635	6.078	7.571	6.864	6.369	6.082	5.785	5.411	6.029	6.333	6.396	7.449	10.859
	TOTAL OBS	742	712	827	861	888	875	890	903	876	779	720	702	9775
16-17	MEAN	28.9	29.2	35.3	35.6	43.1	49.4	52.0	53.3	50.1	43.4	36.0	30.2	41.2
	S D	7.639	6.432	7.456	6.655	6.385	6.182	5.731	5.420	6.256	6.374	6.384	7.804	10.902
	TOTAL OBS	717	667	796	860	886	871	855	875	829	750	693	670	9489
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	27.7	27.5	34.3	35.4	43.2	49.9	52.3	53.3	49.6	42.2	35.1	29.5	40.6
	S D	9.246	7.974	7.567	6.672	6.271	5.915	5.436	5.323	6.125	6.507	6.793	8.612	11.529
	TOTAL OBS	3034	2901	3356	3439	3531	3480	3493	3556	3401	3181	2938	2852	39168

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

107715
STATION

HOHENFELS AAF GF
STATION NAME

75-84
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
JAN	00-02										
	03-05										
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.2	80.6	785
	09-11	100.0	100.0	100.0	100.0	100.0	100.0	99.5	94.8	73.6	792
	12-14	100.0	100.0	100.0	100.0	100.0	99.5	94.2	80.2	50.9	742
	15-17	100.0	100.0	100.0	100.0	100.0	99.3	96.8	85.1	54.5	717
	18-20										
	21-23										
TOTALS		100.0	100.0	100.0	100.0	100.0	99.7	97.6	89.6	64.9	3036

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

107715
STATION

WOMENFELS AAF GE
STATION NAME

75-84

PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
FEB	00-02										
	03-05										
	06-08	100.0	100.0	100.0	99.9	99.7	99.5	99.3	95.3	87.6	747
	09-11	100.0	100.0	100.0	100.0	99.5	98.4	95.7	86.6	61.6	755
	12-14	100.0	100.0	99.9	98.5	94.8	88.3	74.7	59.6	33.3	712
	15-17	100.0	100.0	99.6	97.2	92.4	85.9	70.6	57.4	26.1	687
	18-20										
	21-23										
TOTALS		100.0	100.0	99.9	98.9	96.6	93.0	84.9	74.7	50.4	2901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

107715
STATION

WOMENFELS AAF GE
STATION NAME

74-83
PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
MAR	00-02										
	03-05										
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.2	94.2	73.3	863
	09-11	100.0	100.0	100.0	99.8	98.3	91.1	79.3	64.6	34.0	870
	12-14	100.0	100.0	99.6	97.0	83.7	68.0	49.7	31.0	14.3	827
	15-17	100.0	100.0	99.5	93.8	81.4	64.3	41.5	24.1	11.1	796
	18-20										
	21-23										
TOTALS		100.0	100.0	99.8	97.7	90.9	80.9	67.4	53.5	33.2	3356

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17715
STATION

MOHENFELS AAF GE
STATION NAME

74-83

PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.8	99.1	97.8	91.7	79.9	52.5	88.5	857
	09-11	100.0	100.0	99.8	94.1	81.1	62.8	45.5	31.8	13.5	69.2	861
	12-14	100.0	99.9	94.4	77.9	59.3	40.9	29.3	20.9	9.4	59.2	861
	15-17	100.0	99.8	92.1	74.0	55.5	37.9	27.7	18.3	7.9	57.3	860
	18-20											
	21-23											
TOTALS		100.0	99.9	96.6	86.5	73.8	59.9	48.6	37.7	20.8	68.5	3439

USAFETAC

FORM
JUL 64

0-87.5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17715
STATION

HOMENFELS AAF GE

STATION NAME

74-83

PERIOD

MAY

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.9	98.4	92.5	83.4	63.5	32.3	83.2	871
	09-11	100.0	100.0	99.8	90.7	73.0	52.4	33.9	17.7	6.4	63.1	886
	12-14	100.0	100.0	93.5	73.9	51.6	31.0	19.0	9.7	2.5	53.6	888
	15-17	100.0	99.7	90.1	69.6	50.2	31.0	20.8	10.8	2.8	52.9	886
	18-20											
	21-23											
TOTALS		100.0	99.9	95.9	83.5	68.3	51.7	39.3	25.4	11.0	63.2	3531

USAFETAC

FORM
AFM 84

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1715
STATION

MCHEMFELS AAF GE

STATION NAME

74-83

PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.9	98.8	94.4	85.3	60.9	24.3	82.2	868
	09-11	100.0	100.0	99.2	94.0	79.0	55.4	34.1	16.1	4.8	63.9	866
	12-14	100.0	99.8	95.9	79.8	55.1	32.2	18.5	6.2	1.9	54.4	875
	15-17	100.0	99.2	93.0	73.6	53.4	30.7	18.5	9.6	1.6	53.5	871
	18-20											
	21-23											
TOTALS		100.0	99.8	97.0	86.8	71.6	53.2	39.1	23.2	8.2	63.5	3480

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1 7715
STATION

MOHENFELS AAF GE

STATION NAME

74-83

PERIOD

JUL

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
JUL	00-02										
	03-05										
	06-08	100.0	100.0	100.0	99.7	98.3	92.9	83.4	57.5	24.1	859
	09-11	100.0	100.0	98.3	94.4	78.2	51.9	34.3	18.3	6.4	889
	12-14	100.0	98.9	94.4	80.8	54.7	32.8	21.0	11.7	3.8	890
	15-17	100.0	97.8	91.6	73.1	47.6	30.3	21.1	13.1	5.3	855
	18-20										
	21-23										
TOTALS		100.0	99.2	96.1	87.0	69.7	52.0	40.7	25.2	9.9	3493

USAFETAC

FORM
NO. 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7715
STATION

WOMENFELS AAF GE
STATION NAME

74-83
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
AUG	00-02										
	03-05										
	06-08	100.0	100.0	100.0	100.0	99.9	99.7	94.7	60.2	41.4	88.3
	09-11	100.0	100.0	100.0	98.3	91.9	71.3	44.5	21.7	5.0	89.8
	12-14	100.0	100.0	99.6	90.3	61.9	38.6	20.2	9.3	2.7	90.3
	15-17	100.0	100.0	98.6	84.8	56.9	33.1	17.9	10.4	2.7	87.5
	18-20										
	21-23										
TOTALS		100.0	100.0	99.6	93.4	77.7	60.7	44.3	30.4	13.0	3556

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

SEP

STATION

STATION NAME

PERIOD

ACQUA FINE

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
SEP	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	98.8	92.3	65.9	93.1	820
	09-11	100.0	100.0	100.0	99.9	97.4	85.0	64.5	36.6	13.5	75.6	876
	12-14	100.0	100.0	9.9	97.3	79.1	52.2	28.7	13.8	3.8	62.9	876
	15-17	100.0	100.0	99.9	95.9	71.9	46.6	27.5	11.9	2.9	61.1	829
	18-20											
	21-23											
TOTALS	100.0	100.0	100.0	98.3	87.1	70.9	54.9	38.7	21.5	73.2	3401	

USAFETAC

FIGURE 4

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17715
STATION

HONENFELS AAF GE
STATION NAME

74-83
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	0-02											
	3-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	99.1	95.3	73.2	94.4	822
	09-11	100.0	100.0	100.0	99.9	99.5	96.4	87.7	68.1	39.3	85.5	830
	12-14	100.0	100.0	100.0	99.2	95.4	81.4	64.4	35.8	16.2	74.9	779
	15-17	100.0	100.0	100.0	99.6	95.9	83.1	66.1	39.1	17.1	75.8	750
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	99.7	97.7	90.1	79.3	59.6	36.5	82.7	3181

USAFETAC

FORM
JUL 64

D-87-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17715
STATION

HOFENFELS AAF GE
STATION NAME

74-83
PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
NOV	00-02										
	03-05										
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.6	97.6	75.7	756
	09-11	100.0	100.0	100.0	100.0	99.9	99.0	96.4	87.1	59.7	769
	12-14	100.0	100.0	100.0	100.0	99.6	97.4	84.3	65.6	31.5	720
	15-17	100.0	100.0	100.0	100.0	99.7	98.1	90.5	75.8	38.0	693
	18-20										
	21-23										
TOTALS		100.0	100.0	100.0	100.0	99.8	98.6	92.7	81.5	51.2	2938

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7715
STATION

HOFENFELS AAF GE
STATION NAME

78-83

PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	0-02											
	3-05											
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.5	80.5	95.4	730
	9-11	100.0	100.0	100.0	100.0	99.9	99.9	98.3	92.8	69.3	92.9	750
	12-14	100.0	100.0	100.0	100.0	99.6	98.7	92.2	81.1	48.9	88.4	702
	15-17	100.0	100.0	100.0	100.0	99.9	98.7	94.0	84.6	55.5	89.8	670
	18-20											
	21-23											
	TOTALS	100.0	100.0	100.0	100.0	99.9	99.3	95.9	89.0	63.6	91.6	

USAFETAC

FORM
NO. 54

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1 7715 HOFENFELS AAF GE 74-84 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	100.0	99.7	97.6	89.6	64.9	92.1	3036
FEB		100.0	100.0	99.9	98.9	96.6	93.0	84.9	74.7	50.4	86.6	2901
MAR		100.0	100.0	99.8	97.7	90.9	80.9	67.4	53.5	33.2	78.6	3356
APR		100.0	99.9	96.6	86.5	73.8	59.9	46.6	37.7	20.8	68.5	3439
MAY		100.0	99.9	95.9	83.5	68.3	51.7	39.3	25.4	11.0	63.2	3531
JUN		100.0	99.8	97.0	86.8	71.6	53.2	39.1	23.2	8.2	63.5	3480
JUL		100.0	99.2	96.1	87.0	69.7	52.0	40.0	25.2	9.9	63.6	3493
AUG		100.0	100.0	99.6	93.4	77.7	60.7	44.3	30.4	13.0	67.7	3556
SEP		100.0	100.0	100.0	98.3	87.1	70.9	54.9	38.7	21.5	73.2	3401
OCT		100.0	100.0	100.0	99.7	97.7	90.1	79.3	59.6	36.5	82.7	3181
NOV		100.0	100.0	100.0	100.0	99.8	98.6	92.7	81.5	51.2	89.1	2938
DEC		100.0	100.0	100.0	100.0	99.9	99.3	95.9	89.0	63.6	91.6	2852
TOTALS		100.0	99.9	98.7	94.3	86.1	75.8	65.3	52.4	32.0	76.7	39144

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

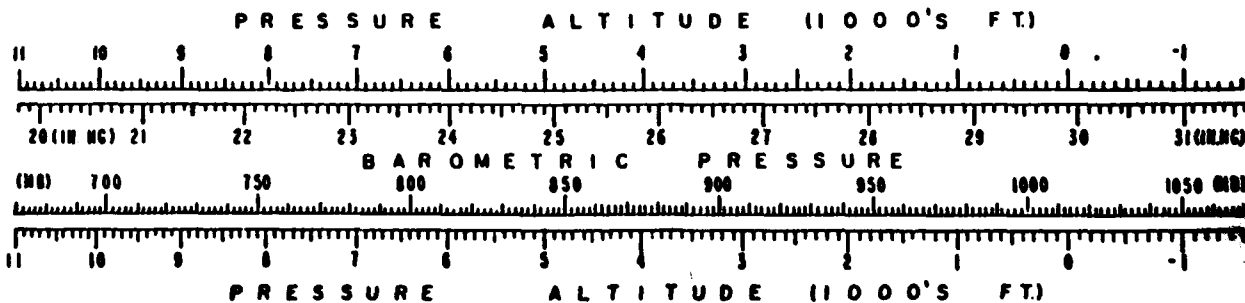
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars DATA NOT FILE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

715		HENSEL AAF GF												74-84	
STATION		STATION NAME												YEARS	
HRS	INT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1	MEAN														
	S D														
	TOTAL OBS														
2	MEAN														
	S D														
	TOTAL OBS														
3	MEAN	28.463	28.482	28.393	28.452	28.443	28.446	28.575	28.520	28.544	28.475	28.509	28.437	28.473	
	S D	.310	.324	.257	.192	.189	.143	.124	.134	.178	.258	.266	.367	.240	
	TOTAL OBS	263	254	288	286	296	290	298	302	272	275	253	245	3318	
4	MEAN	28.481	28.497	28.413	28.413	28.445	28.499	28.576	28.529	28.563	28.492	28.530	28.447	28.484	
	S D	.307	.325	.257	.193	.189	.141	.124	.132	.174	.265	.265	.373	.241	
	TOTAL OBS	264	252	290	287	296	289	296	298	292	277	257	251	3348	
5	MEAN	28.459	28.479	28.397	28.397	28.433	28.483	28.493	28.514	28.546	28.472	28.509	28.445	28.469	
	S D	.303	.330	.250	.189	.186	.143	.124	.129	.173	.262	.264	.371	.236	
	TOTAL OBS	279	230	269	287	296	292	297	303	292	251	234	226	3216	
6	MEAN	28.452	28.467	28.377	28.376	28.415	28.465	28.477	28.495	28.523	28.458	28.500	28.448	28.454	
	S D	.305	.323	.244	.186	.182	.139	.120	.175	.173	.258	.263	.365	.233	
	TOTAL OBS	279	229	267	287	295	290	296	299	277	251	231	222	3183	
7	MEAN														
	S D														
	TOTAL OBS														
8	MEAN														
	S D														
	TOTAL OBS														
9	MEAN														
	S D														
	TOTAL OBS														
10	MEAN														
	S D														
	TOTAL OBS														
11	MEAN														
	S D														
	TOTAL OBS														
12	MEAN														
	S D														
	TOTAL OBS														
ALL HOURS	MEAN	28.464	28.482	28.394	28.394	28.433	28.484	28.495	28.515	28.544	28.475	28.512	28.444	28.470	
	S D	.306	.325	.252	.191	.187	.142	.124	.131	.175	.261	.264	.369	.238	
	TOTAL OBS	1005	961	1114	1147	1183	1161	1187	1202	1113	1054	975	983	13065	

END

DATE

FILMED

12-84