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Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

HAHN AB, HUNSRUCK GERMANY
N 49 57 E 007 10 FLD ELEV 1250 FT WBAN # 03053
WMO # 10616

PERIOD OF RECORD

FOR FROM HOURLY OBS: MAR 57 - FEB 78
FOR FROM DAILY OBS: MAR 57 - FEB 78

SEP 29 1978

FEDERAL BUILDING
ASHEVILLE, N. C.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER: USAFETAC/DS- 79/105	2 GOVT ACCESSION NO.
3 RECIPIENT'S CATALOG NUMBER	
4 TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- HAHN AB, HUNSBRUCK, GERMANY	5 TYPE OF REPORT & PERIOD COVERED: Final rept.
6 PERFORMING ORG. REPORT NUMBER	
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9 PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225	10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11 CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CBD, Air Weather Service (MAC), Scott AFB IL 62225	12 REPORT DATE: 29 SEP 78
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16 DISTRIBUTION STATEMENT (of this Report)

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18 SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statistical summary of surface weather observations for HAHN AB, HUNSBRUCK, GERMANY

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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

* GERMANY * HAHN AB, DL

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

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

S74-29958

WBAN STATION NUMBER	STATION NAME	LAT/LOC	LONG/LOC	FIELD ELEV FT.	CALL SIGN	WMO NUMBER
3 [illegible]	HAHN AB GERMANY/HUNSRUCK	N [illegible] 37	E 007 16	1650	EDAH	1[illegible]16

STATION LOCATION AND INSTRUMENTATION HISTORY

LOCATION NO.	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT BARO	OBS PER DAY
1	[illegible] E Germany	AB	Aug 53	Feb 56	N 49 37	E 007 15	1659 ft	1615	24
2	[illegible]	Same	Mar 56	Mar 59	Same	Same	Same	1613	24
3	Same	Same	Apr 59	Mar 61	Same	Same	Same	1612	24
4	Same	Same	Apr 61	Dec 70	Same	E 007 16	1650	Same	24
5	Same	Same	Jan 71	Feb 78	Same	Same	Same	Same	24

LOCATION NO.	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	Aug 53	Located on top of control tower.	AN/GMQ 1	None	75 ft	
2	May 55	Located 50 ft from remote observation site.	Same	ML 204 (wind panel)	Surface	
3	Mar 56	Located 35 ft N of rnwy obs site.	Same	Same	13 ft	
4	Mar 61	Located in midpoint of rnwy 04/22 518 ft ENE of center of rnwy.	AN/GMQ 11	RO-2A	Same	
5	Jul 59	Located 518 ft from centerline of rnwy, 4900 ft from end rnwy 22, 4310 ft from end rnwy 04.	Same	Same	Same	
6	Mar 60	Located 518 ft fron centerline of rnwy, halfway from either end of rnwy (midpoint).	Same	Same	Same	

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	
7	Apr 63	Located 500 ft NW of ROS.	Same	Same	12 ft	
8	Apr 65	1. Located at end of rnwy R04, 500 ft SE of centerline.	Same	Same	Same	
		2. Located at end of rnwy R22, 500 ft SE of centerline.	Same		Same	
9	Apr 70	1. Same	Same	RO-362	Same	
		2. Same	Same		Same	
10	Jan 71	1. Located 1550 ft from centerline of Rnwy R04, 500 ft SE of centerline	Same	Same	Same	
		2. Located 2200 ft from centerline of Rnwy R22, 500 ft SE of centerline	Same		Same	
11	Feb 78	1. Same	Same	Same	Same	
		2. Same	Same		Same	

MAC—6 AFB [illegible]

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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.

74-29959

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34053 / STATION — RAMS AB/HOHENFELS GERMANY / STATION NAME — 69-78 / YEARS — JAN. / MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JA.	00-02		15.5	2.5	11.2		29.2	38.7	6.0			44.7	930
	03-05		16.5	1.4	13.3		30.4	41.2	5.4			46.6	930
	06-08		17.1	1.0	12.7		29.5	42.9	4.4			47.4	929
	09-11		10.1	1.5	14.2		31.5	35.5	7.1			42.6	930
	12-14		14.8	.5	13.2		28.8	34.2	10.9			45.1	930
	15-17	.1	14.7	1.1	12.4		26.8	34.5	11.2			46.0	929
	18-20	.1	13.7	1.2	11.5	.1	25.4	34.5	9.2			43.8	930
	21-23		14.0	1.7	9.6		24.7	38.1	6.8			44.8	930
TOTALS		.0	15.3	1.4	12.6	.0	28.3	37.5	7.6			45.1	7438

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

10005 (STATION) HOHN AB/(illegible) SPUCK GERMANY (STATION NAME) 9-7 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FE-	00-02		10.5	1.1	14.8		25.8	31.7	11.1			42.8	846
	03-05		11.0	.9	17.4		28.6	33.7	11.0			44.7	849
	06-08		9.6	.2	19.0		28.0	37.1	9.6			46.7	846
	09-11		10.9	.6	19.1		29.2	27.9	14.1	.1		42.1	849
	12-14		12.3	.3	16.4		28.0	20.0	15.5			35.5	849
	15-17		10.8	.9	12.5		23.0	19.3	20.6			39.8	846
	18-20	.1	12.2	1.1	13.6		25.7	19.7	20.9			40.7	846
	21-23		12.2	.9	14.1		26.6	22.9	15.5			38.4	846
TOTALS		.0	11.2	.8	15.7		26.9	26.5	14.8	.0		41.3	6768

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3

WEATHER CONDITIONS

34555	HAHN AF/HUNSRUCK GERMANY	8-77	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02		11.0		11.0		21.3	17.1	18.1			35.2	930
	03-05		9.8	.2	13.4		22.8	22.4	15.5			37.3	930
	06-08		9.7	.1	12.9		22.4	27.3	15.3			42.3	930
	09-11		11.4	.3	11.2		22.9	14.5	19.4			34.2	930
	12-14		9.6		8.5		17.6	8.9	17.2			26.1	930
	15-17	.1	10.4		7.1		17.3	6.3	18.3			24.6	930
	18-20	.2	11.1		9.5	.1	19.2	8.0	21.1			29.1	929
	21-23		9.1		8.2		16.7	13.0	13.8			31.2	930
TOTALS .		.0	10.3	.1	10.1	.0	20.0	14.7	18.0			32.6	7439

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34055 (STATION) | [illegible] AB/NR SEMBACH GERMANY (STATION NAME) | 5-77 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FOR [illegible] OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APR	00-02		13.3		5.7		18.2	10.0	9.6			19.6	300
	03-05		12.8		4.6		18.1	17.9	9.8			27.6	300
	06-08		12.8		7.2		19.8	17.2	11.7			28.9	300
	09-11		12.7		5.6		17.9	7.8	9.1			16.9	300
	12-14	.2	13.4		6.2		19.3	3.4	7.4			10.9	300
	15-17	.2	15.0	.2	5.7		20.1	2.0	6.4			8.4	300
	18-20		12.0		3.1		14.7	3.9	8.3			11.9	300
	21-23		13.3		4.8		17.7	5.0	9.1			14.1	300
TOTALS		.1	13.2	.0	5.7		18.2	8.4	8.9			17.3	7200

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24023 STATION | RHEIN MAIN/FRANKFURT GERMANY STATION NAME | 1-77 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FOR SOME OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02	.0	11.6		.2		11.7	14.1	7.0			23.7	546
	03-05	.4	12.5		.3		13.0	22.1	12.9			33.0	703
	06-08	.3	11.4		.7		11.8	16.4	14.5			30.9	903
	09-11	.3	12.1		.4	.2	12.7	6.4	9.3			14.7	903
	12-14	1.0	12.1		.4	.1	12.6	2.1	5.9			8.0	912
	15-17	1.8	13.1		.5		13.5	1.7	6.1			7.8	884
	18-20	1.4	13.1		.1		13.3	3.1	7.7			10.8	845
	21-23	.7	11.0		.5		11.3	7.9	9.0			16.9	840
TOTALS		.8	12.1		.5	.0	12.5	9.1	9.1			18.1	7042

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34989 | HERN AC/MULDROCK SERMILIK | 61-77 | 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	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	.4	9.8				9.8	14.3	11.9			26.2	242
	03-05		8.2				8.2	24.5	17.2			35.0	270
	06-08	.2	12.4		.1		12.4	17.2	13.5			28.4	370
	09-11	.4	9.8				9.8	8.4	8.8			17.2	276
	12-14	2.3	12.0		.1		12.1	4.2	6.8			11.0	324
	15-17	2.7	12.9				12.9	2.9	5.9			9.8	354
	18-20	2.2	12.2				12.2	4.3	7.9			12.2	310
	21-23	1.2	11.9			.1	12.0	6.8	10.6			17.4	310
TOTALS		1.2	11.2		.0	.0	11.2	10.5	9.2			19.7	6796

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34653 | RAMSTEIN AB/MIESAU GERMANY | 5-72 | 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	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	1.3	6.9			.1	6.9	14.7	11.3			26.6	930
	03-05	1.0	6.8				6.3	23.3	12.5			36.3	903
	06-08		7.3				7.3	18.6	14.5			33.1	903
	09-11	.3	8.3				8.3	6.5	10.5			17.3	903
	12-14	1.3	7.3				7.3	2.1	5.5			7.6	912
	15-17	2.6	8.5				8.5	.8	4.7			5.4	881
	18-20	1.7	8.7				8.7	3.2	7.2			11.1	837
	21-23	1.3	7.2				7.2	7.2	10.3			17.6	837
TOTALS		1.2	7.5			.0	7.5	9.6	9.6			19.4	7012

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WEATHER CONDITIONS

34055 STATION | HAHN AB/M, SPICK GERMANY STATION NAME | -77 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	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02	.0	5.5				9.5	16.7	13.2			29.9	930
	03-05	.4	6.0				8.0	30.2	11.3			41.5	930
	06-08	.4	9.8				9.8	28.5	13.7			41.9	930
	09-11	.1	8.7				8.7	11.6	15.9			27.5	930
	12-14	1.6	10.1			.2	10.3	3.0	12.9			13.9	930
	15-17	3.4	9.1			.1	9.2	2.7	8.5			11.2	930
	18-20	2.3	11.2				11.2	5.2	13.2			18.2	930
	21-23	1.0	10.5				10.5	9.1	15.2			24.3	930
TOTALS		1.3	9.6			.0	9.7	13.4	12.7			26.1	7440

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34022 STATION | HANN AFB/HL STATION NAME | 64-77 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FOR ALL 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
SEP	00-02	.2	8.0				8.0	25.2	14.3			39.6	500
	03-05	.2	7.9		.1		9.9	34.1	10.4			44.9	500
	06-08	.2	10.8				10.8	35.4	8.4			43.9	500
	09-11	.4	5.2				5.2	15.1	15.4			30.5	500
	12-14	.4	9.6				9.6	4.9	10.3			15.2	500
	15-17	.2	10.6				10.6	4.0	10.2			14.2	500
	18-20	.1	8.6				8.6	9.8	14.8			24.6	500
	21-23	.2	9.7				9.7	14.6	15.8			30.3	500
TOTALS		.2	9.4		.0		9.4	17.9	12.5			30.4	7200

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ MAC

3

WEATHER CONDITIONS

24025 (STATION) | Hahn AB/FS, SPANGDAHLEM GERMANY (STATION NAME) | 52-72 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FOR [illegible] OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
OCT	00-02	.2	15.1		.5		15.4	40.4	5.2			46.2	930
	03-05		12.3		.2		16.2	46.8	6.7			53.1	930
	06-08		13.5		1.3		14.5	47.5	6.3			54.2	930
	09-11	.1	11.2		.3		11.3	35.1	12.7			47.1	930
	12-14	.1	12.4			.1	12.5	18.2	15.5			33.7	930
	15-17		13.4		.5		13.7	18.3	16.9			35.2	930
	18-20	.3	11.6		.3		11.7	26.3	14.3			40.6	930
	21-23		12.6		.5		13.0	31.2	8.8			40.0	930
TOTALS		.1	13.1		.6	.0	13.5	33.0	10.7			43.8	7440

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

WEATHER CONDITIONS

34059	HAHN AB/FR. SPRUCK GERMANY	8-77	10
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FOR HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		16.6	.3	7.7		24.2	29.2	3.5			33.2	900
	03-05		17.2	.3	3.9		26.4	33.2	2.3			35.3	900
	06-08		17.7	.4	7.4		24.3	36.9	3.8			39.6	900
	09-11		17.9	.3	3.4		25.6	28.3	7.3			35.3	900
	12-14		17.3	.4	2.8		25.2	18.4	8.3			27.1	900
	15-17	.1	17.4	.3	6.7		23.8	18.4	9.8			28.2	900
	18-20	.1	17.9	1.3	6.1		24.1	20.9	7.7			28.6	900
	21-23		17.1	1.0	7.0		24.4	23.9	4.7		.1	28.7	900
TOTALS		.0	17.4	.7	7.8		24.8	26.1	5.9		.0	32.0	7200

3

AIR PROCESSING [illegible]
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] / [illegible] AFB, IDAHO / FALLS, IDAHO / 63-77 / DEC
STATION / STATION NAME / YEARS / MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02		11.6	1.4	11.9		24.9	42.4	5.8			47.9	930
	03-05		13.4	1.3	14.5		27.8	41.3	3.8			45.1	930
	06-08		11.0	2.3	15.4		27.5	42.5	4.4			46.5	930
	09-11		10.8	1.1	14.8		25.8	40.5	7.7			48.3	930
	12-14		12.0	.9	14.5		27.0	33.3	10.4			43.8	930
	15-17		10.3	1.7	13.6		21.5	39.7	10.1			49.8	930
	18-20		11.4	1.5	12.8		25.2	37.2	8.3			45.3	930
	21-23		10.8	1.9	12.2		24.2	40.2	6.2			46.5	930
TOTALS			11.4	1.4	13.3		25.4	39.6	7.0			46.6	7440

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

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible]	[illegible] SPANGDAHLEM, GERMANY	-7	[illegible]
STATION	STATION NAME	YEARS	MONTH

MEAN TIME FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FOR [illegible] OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.2	15.3	1.4	12.6	.	28.3	37.5	7.6			45.1	7436
FEB		.3	11.2	.4	10.7		26.9	26.5	14.8	.		41.3	6758
MAR		.1	10.3	.1	11.1	.1	20.3	14.7	13.2			32.6	7439
APR		.1	13.2	.2	5.7		18.2	8.4	5.9			17.3	7200
MAY		.4	12.1		.5	.1	12.5	9.1	9.1			15.1	7442
JUN		1.2	11.2		.0	.1	11.2	10.5	9.2			19.7	6796
JUL		1.2	7.5			.1	7.5	9.8	9.6			19.4	7012
AUG		1.3	9.6			.1	9.7	13.4	12.7			26.1	7440
SEP		.2	9.4		.0		9.4	17.9	12.5			30.4	7200
OCT		.1	13.1		.6	.1	13.5	33.0	10.7			43.8	7440
NOV		.	17.4	.7	7.8		24.8	26.1	5.9		.0	32.0	7200
DEC			11.4	1.4	13.3		25.4	39.6	7.0			46.6	7440
TOTALS		.4	11.8	.4	5.5	.0	17.3	20.5	10.5	.1	.0	31.0	86415

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

ST4-29960

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

3405 | NAHA AP/NAHA-SHIMA JAPAN | --- | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE OF DAYS WITH PART OR ATMOSPHERIC PHENOMENA
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	DAILY	.9	54.0	12.7	39.9	1.2	77.9	84.3	5.2	.		92.7	743
FEB		.7	47.5	6.8	45.5	1.4	71.9	76.7	8[illegible].8	.7		90.2	676
MAR		1.1	47.3	1.4	31.7	3.1	63.8	65.5	71.6	.4		87.5	744
APR		3.3	57.4	.3	21.9	4.7	64.3	55.1	56.7			72.9	720
MAY		12.4	62.7	.1	1.5	4.1	63.5	50.6	53.9			69.1	713
JUN		14.6	57.8			1.7	57.8	52.2	55.5			67.4	693
JUL		16.4	56.0			1.4	56.0	53.2	57.6			73.4	713
AUG		13.2	57.9			1.1	57.9	60.6	54.0			72.0	744
SEP		4.7	52.9		.6	.6	52.9	69.9	60.7			81.7	705
OCT		2.0	54.0		3.6	1.1	54.1	81.0	63.0			89.6	744
NOV		.3	64.6	3.9	25.7	1.7	72.5	85.1	51.5	.7		90.0	712
DEC		.1	55.0	10.9	42.3	1.2	73.9	87.9	43.7	.5		93.0	744
TOTALS		5.5	55.6	3.0	18.7	2.0	63.9	68.5	56.6	.3		81.7	8844

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

74-29961

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

[redacted] STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 54-78 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 1 00	1 01 2 50	2 51-5 00	5 01 10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1 4	1.5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5-25 4	25 5 50 4	OVER 50 4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25 36	37 48	49 60	61-120	OVER 120					
JAN	21.8	20.4	6.8	16.6	11.6	15.5	4.7	2.6						57.7	705	2.36	3.93	.92
FEB	28.3	16.9	5.2	11.8	11.7	14.8	8.5	2.6	.2					54.8	650	2.46	5.28	.14
MAR	35.6	19.5	5.0	15.0	7.4	11.3	4.2	1.9	.1					44.9	742	1.84	3.12	.34
APR	35.9	19.1	5.2	11.0	7.8	14.5	5.2	1.1	.1					45.0	716	1.82	3.39	.23
MAY	36.5	16.6	5.5	11.8	7.4	11.7	6.5	3.9	.1					46.9	727	2.69	6.28	.43
JUN	40.5	19.0	4.1	7.7	7.0	10.0	6.7	4.4	.6					40.5	659	2.69	5.13	.11
JUL	44.1	13.8	4.5	8.0	6.8	11.2	7.6	3.2	.8					42.1	660	2.78	4.58	.88
AUG	40.2	14.7	3.7	9.7	7.2	11.5	8.4	3.6	1.2					45.1	679	3.21	7.68	.34
SEP	46.8	15.8	3.9	8.8	7.0	10.5	4.7	2.0	.5					37.4	645	1.92	4.63	.03
OCT	46.1	11.5	5.8	11.0	8.0	9.3	4.6	3.2	.4					42.4	710	2.16	4.98	.14
NOV	26.3	18.3	4.6	15.4	9.7	14.1	8.6	2.3	.7					55.4	689	2.76	5.58	.86
DEC	24.7	23.1	4.4	13.8	9.6	14.9	6.5	2.8	.1					52.2	705	2.58	5.91	.27
ANNUAL	35.6	17.4	4.9	11.7	8.4	12.4	6.3	2.8	.4					47.0	8287	29.27		

1210 WC FORM JUL 84 0-15-5 (OL.I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 54-78 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54			.77	.42	.70	.43	.55	.76	.52	.55	.45	.67	
55	.83	.62	1.00	.38	.47	.86	.65	.55	.26	.63	.35	.88	1.00
56	.59	.24	.68	.43	.78	.88	1.49	.70	.79	.72	.39	.41	1.49
57	.45	.97	1.50	.94	.44	.67	.36	.56	.88	.53	.51	.82	1.50
58	.89	.71	.28	.23	.84	.70	.85	.97	.44	.36	.39	.31	.97
59	.98	.05	.44	.62	.92	.45	.78	1.21	.05	.64	.38	.98	1.21
60	.36	.39	.27	.33	.82	.83	.74	1.32	.60	.60	.58	.96	1.32
61	.77	.33	.33	.65	.59	2.08	1.10	.28	.43	.49	.39	.53	2.08
62	.47	1.10	.61	.26	.33	.07	.39	.49	.67	.15	.51	.66	1.10
63	.24	.21	.79	.25	.40	2.35	2.40	.42	.56	1.10	2.26	.15	2.40
64 *	.28	.24	.43	.66*	.32								
65			.66	.47	.68	1.14*	.40			.18	.71	.97	
66 *	.38	.66*	.21*	.46	.67	.63*	.51*	.10*	.03	1.47*	.56	1.34	1.47
67	.19	.56	.51*	.37*	.55*	.52*	.43*	.80*	1.03*	.70	.68*	.44	* 1.03
68 *	.38	.41	.23	.41	.57	.81	1.00	1.65	1.27	1.90	.52	.50	1.90
69	.58	.63	.34	.54	.70	.78	.52	1.77	.24	.09	.43	.19	1.77
70	.67	.66	.81	.28*	.24			.31	.72	.69	.22*	.41	
71	.36	.15	.22	.41	.98	.87	.65	.92	.19	.91	2.17	.33	2.17
72	.33	.32	.56	.43	.99	.83	.92	.37	1.01	.33	1.05	.14	1.05
73	.36	.60	.10	.35	.50	.61	.32	.25	.40	.82	.90	.51	.90
74	.41	.51	.33	.10	.27	1.16	.63	.83	.47	.80	.52	.75	1.16
75	.33	.46	.68	1.13	1.07	.88	.65	1.00	.84	.26	.52	.30	1.13
76	.70	.53	.27	.27	.33	.37	1.59	.45	.63	.81	1.06	.39	1.59
77	.61	.80	.43	.62	.41	.73	1.03	.78	.43	.96	.95	.55	1.03
78	.32	.49											
MEAN	.520	.506	.532	.463	.641	.856	.885	.780	.570	.684	.725	.588	1.404
S.D.	.225	.256	.312	.238	.239	.515	.496	.439	.295	.427	.534	.320	.456
TOTAL OBS	705	650	742	716	727	659	660	619	645	710	689	705	8287

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
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EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

34055 (STATION) HAHN AP/HUNSRUCK GERMANY (STATION NAME) 54-78 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54			1.97	1.39	2.05	1.15	3.04	4.21	3.31	2.60	1.01	3.06	
55	2.98	3.50	2.12	.90	3.19	3.54	2.83	2.17	1.47	1.99	.86	4.56	30.11
56	2.96	1.04	2.06	1.73	3.08	3.27	3.77	3.48	2.00	3.07	2.04	2.02	30.52
57	2.34	3.94	3.09	1.45	1.43	1.69	2.60	2.64	4.63	1.04	1.48	2.25	28.70
58	3.93	3.98	.65	1.16	6.28	2.17	2.27	5.16	1.34	2.13	1.56	2.01	33.24
59	3.10	.14	1.53	1.99	2.34	2.19	1.89	2.85	.05	2.08	1.54	2.72	22.42
60	2.48	1.88	1.09	1.77	1.82	2.12	3.75	5.29	1.97	3.60	3.86	3.42	33.05
61	3.45	2.65	.73	2.20	3.30	4.07	4.58	1.66	1.42	1.95	1.72	2.06	29.79
62	1.95	3.58	2.05	1.60	1.72	.11	2.81	1.92	2.11	.42	1.05	2.79	22.71
63	1.14	1.13	2.65	1.11	2.05	2.79	2.69	4.23	1.51	2.47	5.98	.27	29.61
64 *	.92	1.55	2.35	1.58*	1.37								
65			2.79	3.07	2.42	3.11*	.88			.35	4.10	5.51	
66 *	1.40	2.88*	1.46*	2.06	1.92	2.85*	2.49*	.34*	.03	3.52*	3.25	5.91	*29.11
67	1.17	2.27	2.51*	1.27*	1.94*	1.58*	1.28*	2.23*	2.56*	2.79	2.51*	1.96	*24.07
68 *	2.19	2.86	1.58	1.14	2.20	2.73	3.62	7.68	4.46	3.49	1.11	2.94	*36.00
69	1.81	3.91	1.87	3.04	2.83	2.08	1.84	6.95	.51	.14	3.40	1.19	30.17
70	3.42	5.28	3.12	2.45*	.43			1.28	1.87	2.96	1.91*	2.21	
71	1.07	1.05	.82	.93	5.02	2.13	1.35	3.14	.79	1.43	5.34	.87	27.54
72	1.11	.73	1.57	2.97	5.06	2.27	2.20	2.27	2.08	.79	3.27	.30	24.62
73	.97	3.48	.34	2.14	2.87	1.18	1.84	.80	1.31	3.19	3.11	1.90	23.13
74	1.82	1.74	1.65	.23	1.76	3.40	3.11	2.22	2.19	4.98	3.43	3.67	30.17
75	1.90	.80	2.70	3.39	2.18	3.52	2.24	2.13	2.73	.89	2.41	.64	25.53
76	3.81	.90	1.08	.99	1.20	.44	3.31	1.01	1.78	2.33	3.11	1.97	21.93
77	3.20	4.68	1.90	2.83	1.68	4.06	2.86	3.07	.90	2.19	5.09	2.91	35.37
78	1.94	2.65											
MEAN	2.358	2.462	1.836	1.821	2.686	2.689	2.779	3.208	1.922	2.164	2.757	2.580	28.158
S.D	.944	1.419	.791	.851	1.309	1.322	.811	1.881	1.163	1.239	1.386	1.543	4.115
TOTAL OBS.	705	650	742	716	727	659	660	679	645	710	689	705	8287

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 44 0-88-5 (OLA)

3 [illegible]

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 54-78 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06 10	11-25	26 50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0 4	0 5-1 4	1 5-2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5-50 4	OVER 50 4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	48.0	22.5	13.7	9.2	4.2	1.3	.5	.4	.1					29.5	743	8.6	23.2	.2
FEB	54.9	14.6	11.2	11.2	4.3	1.3	1.3	1.0						30.4	677	10.0	33.4	TRACE
MAR	68.6	14.8	7.3	5.8	2.2	.7	.3		.4					16.6	743	5.2	19.2	.0
APR	77.6	13.8	3.3	3.8	.8	.6			.1					8.6	718	2.4	15.3	.0
MAY	97.1	2.2	.5	.1										.7	734	.1	1.0	.0
JUN	99.7	.3													690	TRACE	TRACE	.0
JUL	100.0														713	.0	.0	.0
AUG	100.0														744	.0	.0	.0
SEP	99.6	.4													706	TRACE	TRACE	.0
OCT	96.5	2.6	.4	.3	.1			.1						.9	744	.4	6.4	.0
NOV	74.7	13.2	5.7	3.9	1.8	.3	.1	.3						12.1	719	3.3	13.5	.0
DEC	56.6	20.6	10.8	6.6	3.2	1.2	.4	.4	.1					22.8	742	6.7	23.5	TRACE
ANNUAL	81.1	8.7	4.4	3.4	1.4	.4	.2	.2	.1					10.1	8673	36.7		

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 54-78 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54			.6	.3	TRACE	.0	.0	.0	TRACE	TRACE	TRACE	2.7	
55	2.2	5.2	7.3	TRACE	.1	.0	.0	.0	.0	TRACE	.2	1.1	7.3
56	1.9	2.4	.4	1.8	TRACE	.0	.0	.0	.0	6.4	.1	1.2	6.4
57	3.4	1.5	.0	.6	.8	.0	.0	.0	.0	.0	.8	1.0	3.4
58	2.3	2.5	1.1	1.5	.0	.0	.0	.0	.0	.0	TRACE	3.0	3.3
59	2.1	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.7	2.1
60	2.0	3.9	.1	1.5	TRACE	.0	.0	.0	.0	.0	.1	9.2	9.2
61	5.7	1.2	1.1	.0	.0	.0	.0	.0	.0	.0	1.7	.1	5.7
62	.5	6.4	3.0	.5	.0	.0	.0	.0	.0	TRACE	4.0	4.0	6.4
63	2.4	2.7	1.4	.6	.0	.0	.0	.0	.0	.0	.0	1.5	2.7
64 *	3.7	2.0	2.4	TRACE	.0	.0	.0	.0	.0	TRACE	.0*	4.7 *	4.7
65	3.3	4.3	2.8	1.0	.0	.0	.0	.0	.0	.0	2.0	1.8	4.3
66	1.3	.3*	1.6*	TRACE	.0	.0	.0	.0*	.0	.0	4.9	2.1	4.9
67	1.8	.7	.5*	2.3*	TRACE	.0	.0	.0	.0	TRACE*	.2	2.0 *	2.3
68	7.0*	2.4	2.2	.5	TRACE	.0	.0	.0	.0	.0	1.0	5.0	7.0
69	2.0	6.3	1.2	2.3	TRACE	.0	.0	.0	.0	.0	2.0	2.1	6.3
70	5.8	4.1	8.0	1.5*	TRACE			.0	.0	TRACE	.4	3.1	
71	.8	.6	2.1	TRACE	.0	.0	.0	.0	.0	TRACE	4.0	.3	4.0
72	3.3	.2	1.5	TRACE	TRACE	.0	.0	.0	.0	.1	3.0	TRACE	3.3
73	.4	6.4	1.9	3.0	.0	.0	.0	.0	.0	TRACE	3.0	5.3	6.4
74	.1	1.4	2.5	.2	.1	.0	.0	.0	TRACE	2.0	.9	3.7	3.7
75	.2	.5	7.3	8.0	.1	TRACE	.0	.0	.0	.1	.4	.6	8.0
76	4.3	3.5	.5	.7	.0	.0	.0	.0	.0	.0	TRACE	2.6	4.3
77	4.7	.2	1.4	.7	.0	.0	.0	.0	.0	.0	1.6	2.5	4.7
78	2.8	5.0											
MEAN	2.67	2.67	2.14	1.12	.05	TRACE	.00	.00	TRACE	.36	1.40	2.42	5.08
S.D.	1.871	2.166	2.313	1.74	.171	.000	.000	.000	.000	1.350	1.475	2.076	1.965
TOTAL OBS	743	677	743	718	734	690	713	744	706	744	719	742	8673

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 54-78 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54			1.0	.4	TRACE	.0	.0	.0	TRACE	TRACE	TRACE	4.6	
55	9.5	24.1	16.2	TRACE	.1	.0	.0	.0	.0	TRACE	.4	2.7	53.0
56	3.0	9.2	.6	3.8	TRACE	.0	.0	.0	.0	6.4	.7	5.0	32.7
57	9.9	5.5	.0	.9	1.0	.0	.0	.0	.0	.0	.8	1.3	18.4
58	11.1	6.9	4.0	3.8	.0	.0	.0	.0	.0	.0	TRACE	6.5	32.3
59	11.8	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.7	12.5
60	8.1	9.1	.2	3.8	TRACE	.0	.0	.0	.0	.0	.1	16.8	38.1
61	11.5	3.9	1.6	.0	.0	.0	.0	.0	.0	.0	1.9	.1	19.0
62	1.6	18.7	11.6	.5	.0	.0	.0	.0	.0	TRACE	11.7	12.5	56.7
63	10.8	11.2	1.6	.7	.0	.0	.0	.0	.0	.0	.0	2.3	26.6
64	* 6.5	5.6	6.0	TRACE	.0	.0	.0	.0	.0	TRACE	.0*	13.7	* 31.8
65	16.6	18.3	5.4	1.0	.0	.0	.0	.0	.0	.0	2.1	7.5	56.9
66	5.1	.5*	5.7*	TRACE	.0	.0	.0	.0*	.0	.0	13.5	8.4	* 33.2
67	5.5	1.4	1.0*	4.1*	TRACE	.0	.0	.0	.0	TRACE*	.2	6.3	* 18.5
68	23.2*	11.2	7.4	.5	TRACE	.0	.0	.0	.0	.0	2.2	23.5	68.0
69	4.2	33.4	3.6	5.0	TRACE	.0	.0	.0	.0	.0	4.2	10.3	60.7
70	14.2	24.5	19.2	5.2*	TRACE			.0	.0	TRACE	.4	11.2	
71	1.2	1.5	7.3	TRACE	.0	.0	.0	.0	.0	TRACE	3.8	.3	30.1
72	7.9	.3	2.8	TRACE	TRACE	.0	.0	.0	.0	.1	4.6	TRACE	15.7
73	1.8	28.6	2.4	8.2	.0	.0	.0	.0	.0	TRACE	5.0	10.0	56.0
74	.2	2.3	8.1	.3	.1	.0	.0	.0	TRACE	4.0	2.3	7.3	24.0
75	.4	.5	17.9	15.3	.1	TRACE	.0	.0	.0	.1	.6	1.2	36.1
76	7.3	5.1	.7	.7	.0	.0	.0	.0	.0	.0	TRACE	11.0	24.8
77	21.0	.2	2.0	1.9	.0	.0	.0	.0	.0	.0	7.0	3.9	36.0
78	12.0	20.0											
MEAN	8.65	10.03	5.24	2.37	.06	TRACE	.00	.00	TRACE	.44	3.27	6.67	34.46
S.D.	6.212	10.306	5.827	3.655	.213	.000	.000	.000	.000	1.508	4.098	5.877	15.923
TOTAL OBS.	743	677	743	718	734	690	713	744	706	744	719	742	8673

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

[redacted] STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 54-78 YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11- 25	26- 50	51-1 00	1 01 2 50	2 51 5 00	5 01 10 00	10 01-20 00	OVER 20 00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5-6 4	6 5-10 4	10 5-15 4	15 5-25 4	25 5-50.4	OVER 50 4						
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25 36	37-48	49 60	61 120	OVER 120						
JAN	54.9	11.7	5.1	5.5	6.7	12.7	3.4								33.4	703			
FEB	57.1	9.7	6.8	5.2	1.9	9.4	7.9	1.9							33.2	617			
MAR	75.5	9.8	4.3	2.9	2.1	2.6	1.3	1.5							14.7	682			
APR	96.1	3.3	.3			.3									.6	690			
MAY	99.9	.1														734			
JUN	100.0															712			
JUL	100.0															735			
AUG	100.0															744			
SEP	100.0															706			
OCT	99.3	.3	.4												.4	744			
NOV	89.3	4.7	1.9	2.2	1.0	.7	.1								6.0	685			
DEC	64.2	11.7	7.2	4.7	3.8	7.0	1.3								24.0	682			
ANNUAL	86.4	4.3	2.2	1.7	1.3	2.7	1.2	.3							9.4	8434			

1210 WS FORM JUL 64 0-15-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 54-75 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54			1	0	0	0	0	0	0	0	0	1	
55	3	22	21	0	0	0	0	0	0	0	TRACE	1	22
56	1	11	1	1	0	0	0	0	0	1	2	4	11
57	7	1	0	0	TRACE	0	0	0	0	0	1	TRACE	7
58	5	4	3	1	0	0	0	0	0	0	0	3	5
59	5	TRACE	0	0	0	0	0	0	0	0	0	1	5
60	6	5	TRACE	TRACE	0	0	0	0	0	0	0	10	10
61	6	1	0	0	0	0	0	0	0	0	1	TRACE	6
62	1	8	5	TRACE	0	0	0	0	0	0	7	4	8
63	8	8	3	0	0	0	0	0	0	0	0	4	8
64	* 0				0	0	0	0	0	0	0		
65	0			0	0	0	0	0	0	0			
66		0	0	0	0	0	0	0*	0	0*	0	0	
67	0	0	0	0*	0	0	0	0	0	0	0	0	0
68	* 7*	0	0	0	0	0	0	0	0	0	2	7	7
69	8	17	2	TRACE	0	0	0	0	0	0	3	6	17
70	9	6	12	TRACE*	0*	0*	0	0	0	0	TRACE	8	14
71	6	TRACE	3	0	0	0	0	0	0	0	3	TRACE	6
72	5	2	TRACE	0	0	0	0	0	0	0	2	TRACE	5
73	TRACE	8	4	TRACE	0	0	0	0	0	0	4	7	8
74	TRACE	1	2	0	0	0	0	0	0	1	TRACE	4	4
75	0	TRACE	9	5	0	0	0	0	0	0	0	TRACE	9
76	5	2	TRACE	TRACE	0	0	0	0	0	0	TRACE	4	5
77	7	TRACE	2	TRACE	0	0	0	0	0	0	3	2	7
78	3	9											
MEAN	4.0	5.0	3.1	.3	TRACE	.0	.0	.0	.0	.1	1.3	3.0	8.4
S.D.	3.090	6.045	5.061	1.063	.000	.000	.000	.000	.000	.282	1.930	3.055	4.678
TOTAL OBS.	703	617	682	690	734	712	735	744	706	744	685	682	8434

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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

C

74-29982

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 59-73 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
59			SW	30W	35E	25N	24W	26W	29E	28S	37S	28WSW	46
60	W	35WSW	34W	30W	43ESE	32SW	24WSW	23W	24SW	24WNW	31W	39W	53	W 53
61	SW	37SW	33W	32S	27W	29SSW	26W	30SW	32W	29SSW	38WSW	45SW	45	WSW*45
62	SW	43W	44SE	37WSW	36SSW	31W	26W	29SW	33WSW	32SSW	24SE	24W	39	W 44
63	SE	*34ESE	20W	31S	25SW	22W	03E	25W	*42W	32SE	25WSW	46ESE	29	W 66
64	SE	25NNW	30ESE	26W	28WNW	25SSW	43W	35SW	34W	35WSW	*51SW	44WSW	*41	WSW*51
65	SW	44NNW	30WSW	31WSW	28SW	33WSW	34W	*24WNW	*22SSE	*14	W	*47SW	53	
66	W	45W	37SW	51SW	31WSW	*50WNW	33SW	32W	*28SW	*30SW	32SW	50WSW	39	SW 51
67	WSW	34W	56NW	40WNW	30W	46W	03WSW	40SW	29WSW	24WSW	51S	31SW	41	W 03
68	WSW	42SSW	25WSW	*44SW	33S	33S*	2523/	4024/	2929/	3322/	3119/	3228/	31	WSW*44
69	26/	3227/	3625/	3131*	3925*	3920/	2624/	5226/	3027/	3028/	2227/	5126/	31	24/ 52
70	14*	4027/	4828/	3832/	3513*	16		22/	3326/	3525/	3626/	4724/	38	
71	21/	4926/	4017/	3227/	3224/	3228/	3423/	3522/	5313/	2724/	4026/	4023/	41	22/ 53
72	6/	3125/	2527/	4426/	3424/	4025/	3222/	3123/	2927/	3013/	2924/	3623/	34	24/ 50
73	26/	2723/	4934/	2624/	4311/	3522/	3025/	2726/	3131/	3832/	3627/	3832/	39	23/ 49
74	23/	4726/	4423/	3604/	2824/	3630/	3028/	3626/	3221/	3521/	3721/	4126/	42	23/ 47
75	25/	3413/	3305/	3223/	3507/	3826/	3118/	3625/	2525/	4126/	3224/	4622/	47	24/ 46
76	25/	6512/	3028/	2708/	2322/	3026/	2728/	3210/	2826/	2622/	2221/	4624/	39	25/ 65
77	24/	3424/	3832/	3031/	3922/	3327/	3128/	2722/	2327/	2424/	3229/	5223/	39	29/ 52
78	28/	4512/	29											
MEAN	39.4	35.8	33.6	32.5	32.5	33.8	33.0	30.9	30.8	32.6	41.8	39.8	52.0
S.D.	9.708	9.245	6.483	5.649	5.955	12.455	6.736	6.722	5.032	7.331	8.974	6.468	6.957
TOTAL OBS.	577	528	581	555	539	533	537	555	526	546	559	579	6617

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

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 73-78 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1	.2	.2								1.2	7.1
NNE	.3	.5	.4	.3								1.6	6.5
NE	.3	1.0	.3	.2								1.8	5.9
ENE	.1	.3	.2	.6								1.3	9.5
E	.2	.8	1.2	.1								2.3	7.0
ESE	.6	.6	1.1	.7								3.2	7.3
SE	1.9	3.4	5.9	3.8	.2	.3						15.6	8.4
SSE	1.0	3.1	5.2	3.0	.3							12.6	8.6
S	.4	1.2	1.3	.2								3.1	6.4
SSW	.3	.5	.5	1.1	.1							2.6	9.5
SW	.5	1.0	1.6	1.7	.4	.2	.2					5.7	10.6
WSW	.6	2.2	3.1	3.2	.8		.3					10.2	10.2
W	1.0	4.2	7.3	3.3	.5	.1	.2					16.7	9.1
WNW	.6	1.7	1.0	.2								4.2	5.1
NW	.2	.3	.3	.4	.1							1.4	8.8
NNW	.1	.2										.3	3.3
VARBL	1.0	1.0	3.5	3.5			.1					9.1	9.6
CALM												7.1	
	9.7	22.2	34.2	22.9	2.5	.6	.9					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 74 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 69-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.3	.6	.1								1.7	6.1
NNE	.4	.5	.4	.2								1.6	7.9
NE		.8	.4	.3								1.5	7.7
ENE	.1	.1	.1	.3								.6	9.5
E	.2	.9	.3	.1								1.5	6.3
ESE	1.1	2.0	1.0	.8								4.8	6.4
SE	1.2	3.0	8.1	4.3	.4							17.0	8.5
SSE	1.8	3.0	4.7	2.7	.1							12.4	7.7
S	.3	.8	1.1	1.2								3.3	8.8
SSW	.2	.5	1.1	1.7	.1							3.7	10.4
SW	.2	1.7	1.4	1.2	.3	.2						5.1	9.3
WSW	.4	1.0	3.5	2.7	.5	.2						8.4	10.6
W	1.1	4.3	6.8	4.2	.9	.1	.1					17.4	9.1
WNW	1.1	1.3	.9	.3								3.5	5.5
NW	.2	.9	.6	.4	.2							2.4	8.5
NNW	.1	.1	.4									.6	7.0
VARBL	1.2	.9	3.7	2.7	.2	.1						8.7	9.5
CALM												5.7	
	9.9	22.0	35.3	23.5	2.8	.6	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 65-76 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (G.M.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	.6	.3								1.5	7.9
NNE		.8	.3	.2								1.3	6.8
NE	.2	.5	.9									1.6	6.9
ENE	.1	.3	.2	.3								1.0	8.3
E	.3	.5	.9	.6								2.4	8.0
ESE	1.0	1.7	.4	1.0								4.1	6.6
SE	.8	2.9	8.7	4.8	.8							17.9	9.3
SSE	1.8	2.7	3.0	2.8	.3							10.4	8.0
S	.8	1.7	1.6	1.2								5.2	7.7
SSW	.4	.3	1.0	1.4	.2							3.3	9.9
SW	.5	1.0	1.3	1.8	.4	.2						5.3	10.2
WSW	.9	1.5	4.3	1.5	.4	.3						8.9	9.3
W	1.3	4.0	6.2	3.9	.4	.2						16.0	8.8
WNW	.4	1.1	1.6	.4								3.6	7.3
NW	.4	1.0	.5	.2	.1							2.3	6.9
NNW	.1	.1	.3		.1							.6	8.3
VARBL	.9	1.3	3.7	2.7	.2							8.7	9.2
CALM												5.9	
	9.7	21.7	35.6	23.3	3.0	.8						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 929

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 64-75 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	.8	.1								1.9	6.7
NNE	.2	.4	.2									.9	5.0
NE	.3	.5	.1	.3								1.3	6.7
ENE	.5	.4	.3	.2								1.5	6.1
E	.9	.3	.6	.8								2.6	7.3
ESE	.2	2.0	1.0	.8								4.0	7.2
SE	1.1	3.8	7.3	6.0	.3	.1						18.6	9.0
SSE	.8	2.9	4.1	2.5	.8							11.0	8.9
S	.3	.8	1.1	1.1	.2							3.4	9.4
SSW	.2	.2	.4	1.3	.1							2.3	11.4
SW	.3	.8	2.4	1.7	.4	.2						5.8	10.6
WSW	.8	.9	3.9	2.6	.8							8.8	9.8
W	2.2	3.1	7.5	4.1	.4	.1						17.4	8.7
WNW	.6	1.8	.9	.3								3.7	5.8
NW	.2	.3	.9	.3								1.7	7.9
NNW	.2		.2	.2								.6	7.5
VARBL	1.3	2.2	3.6	3.2	.6	.1						11.2	9.3
CALM												3.3	
	10.4	21.2	35.4	25.5	3.7	.5						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34056 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 60-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.0	.4	.2								2.4	5.2
NNE	.5	.4	.3									1.1	5.0
NE	.1	.1	.1	.1								.4	6.5
ENE	.2	.3	.2	.4	.1							1.3	8.3
E	.6	.1	.0	.0								2.4	7.5
ESE	1.0	.6	1.6	.9	.1							4.2	7.9
SE	1.0	3.2	7.5	4.7	.4	.3						17.2	9.3
SSE	.4	2.0	4.0	1.9	.9	.1						9.4	9.3
S	.4	.6	1.3	.9		.1						3.3	8.8
SSW	.1	.6	.4	1.5	.2							2.9	10.7
SW	.4	1.2	2.8	2.7	1.0							8.1	10.5
WSW	.3	.8	2.4	3.0	.4	.2						7.2	11.1
W	2.2	2.3	8.5	3.8	.2							16.9	8.5
WNW	.8	1.3	1.9	.3								4.3	6.8
NW	.2	.8	1.4	.6								3.0	8.3
NNW		.3	.5									.9	7.0
VARBL	1.7	2.3	3.6	2.8	1.1	.4						12.0	9.4
CALM												3.1	
	10.6	18.0	38.0	24.6	4.4	1.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSPUCK GERMANY (STATION NAME) 69-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.6	.2								1.3	7.8
NNE	.4	.8	.2									1.4	4.5
NE	.5	.5	.2	.2								1.5	5.4
ENE	.2	.2	.6	.3								1.4	7.7
E	.2	.8	1.3	.3								2.6	7.1
ESE	.5	.8	1.1	.6	.2							3.3	8.5
SE	1.0	4.2	6.6	5.1	.8							17.5	9.0
SSE	1.4	2.2	3.6	3.1	.3							10.8	8.5
S	.8	1.1	1.6	.2								3.9	6.4
SSW	.2	.5	1.2	1.8	.3							4.1	10.6
SW	.3	1.6	3.1	1.9	.4							7.4	9.7
WSW	.3	2.0	2.5	1.9	.2							7.0	8.8
W	1.2	4.2	5.4	3.1	.4							14.3	8.3
WNW	1.0	2.3	2.2	.2		.3						5.9	7.1
NW	.2	1.1	.5	.4								2.3	6.9
NNW	.1	.2	.1	.1								.5	6.2
VARBL	1.1	1.8	2.7	2.6	1.1	.2						9.5	10.1
CALM												5.3	
	9.5	24.7	33.9	22.4	3.8	.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 929

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 69-78 YEARS | JAN MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2	.2	.5								1.2	8.5
NNE	.3	.3		.2								.9	5.6
NE	.4	.9	.4	.3								2.0	6.1
ENE	.4	.2	.5	.2	.1							1.5	7.6
E	.3	.8	1.6	.1								2.3	6.7
ESE	.5	.6	1.0	.6	.2							3.0	8.4
SE	1.1	3.7	6.3	4.8	.6	.2						16.8	9.3
SSE	2.0	1.5	5.5	2.7	.2							11.9	8.3
S	.4	1.3	1.8	.9								4.2	7.7
SSW		1.0	.9	1.1	.3	.4						3.7	11.5
SW	.3	1.3	2.2	1.6	.4	.1						5.9	9.4
WSW	.6	2.2	3.2	2.0	.5	.1	.1					8.8	9.3
W	1.1	4.5	7.2	3.3	.4							16.6	8.4
WNW	.9	1.7	2.5	.3	.2							5.6	7.1
NW	.1	.4	.4									1.0	6.3
NNW		.1										.1	5.0
VARBL	1.4	.4	3.5	3.4	.5	.3	.1					9.8	10.3
CALM												4.3	
	10.2	21.1	37.1	22.3	3.7	1.2	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 69-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.9	.2								1.3	8.0
NNE	.2	.5		.1	.1							1.0	7.2
NE	.2	.4	.3	.2								1.2	7.1
ENE	.3	.4	.8	.2								1.7	7.3
E	.2	1.1	1.0	.1								2.4	6.4
ESE	1.5	1.1	.8	.6								4.0	5.7
SE	1.0	3.9	7.1	5.8	.3	.1						18.8	8.8
SSE	.9	2.0	3.9	2.0	.3							9.7	8.5
S	.2	.8	1.4	1.9								4.0	9.1
SSW	.2	.5	1.1	1.1	.1	.1	.1					3.2	10.3
SW	.4	1.4	2.4	1.6	.6	.2	.2					6.9	10.8
WSW	.8	1.8	3.5	2.3	.8	.5						9.7	10.4
W	1.0	5.5	6.9	2.8	.2							17.0	7.6
WNW	.4	2.0	.9	.5	.1							4.0	7.3
NW	.2	.4	.8	.1								1.5	6.6
NNW		.1										.1	4.0
VARBL	1.0	1.8	3.1	2.8	.1							9.5	8.4
CALM												4.2	
	10.5	24.1	34.6	22.6	2.7	1.0	.3					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 69-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.4	.6	.2								1.6	6.9
NNE	.2	.5	.2	.2	.0							1.2	6.2
NE	.3	.6	.3	.2								1.4	6.4
ENE	.3	.3	.4	.3	.0							1.3	7.8
E	.4	.6	1.0	.4								2.4	7.1
ESE	.8	1.2	1.0	.8	.1							3.8	7.2
SE	1.2	3.5	7.2	4.9	.5	.1						17.4	9.0
SSE	1.2	2.4	4.3	2.7	.4	.0						11.0	8.5
S	.4	1.0	1.4	.9	.0	.0						3.8	8.0
SSW	.2	.5	.8	1.4	.2	.1	.0					3.2	10.5
SW	.4	1.2	2.1	1.8	.5	.1	.1					6.3	10.2
WSW	.6	1.5	3.3	2.4	.6	.2	.1					8.6	9.9
W	1.4	4.0	7.0	3.6	.4	.1	.0					16.5	8.6
WNW	.7	1.7	1.5	.3	.0	.0						4.3	6.7
NW	.2	.6	.7	.3	.1							1.9	7.6
NNW	.1	.1	.2	.0	.0							.5	6.8
VARBL	1.3	1.5	3.5	3.0	.5	.1	.0					9.8	9.4
CALM												4.9	
	10.1	21.9	35.5	23.4	3.3	.8	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 7436

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 69-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	.9	.4								3.4	5.9
NNE	.5	.9	1.1	.5								3.0	7.0
NE	.2	1.2	1.5	.2								3.2	6.7
ENE	.2	1.3	1.3	.4								3.2	7.1
E	.5	.7	1.2	.9	.1							3.4	8.5
ESE	1.2	2.1	1.5	1.4	.1							6.4	7.5
SE	.8	4.0	7.7	3.4	.2							16.2	8.4
SSE	.9	2.5	3.1	.9								7.4	7.3
S	.5	.7	.7	.8	.1							2.8	8.5
SSW	.1	.4	1.1	.7								2.2	9.2
SW	.2	.6	1.4	1.4	.5	.2						4.4	11.3
WSW	.8	1.1	2.0	2.1	.4	.2						6.6	10.0
W	1.2	5.7	7.3	3.7	1.2		.4					19.4	8.9
WNW	.6	1.7	1.8	.4								4.4	6.8
NW	.7	.6	.7	.1	.1							2.2	6.4
NNW	.2	.4	.5	.1								1.2	6.7
VARBL	.8	.7	1.1	1.5	.4							4.5	9.0
CALM												6.0	
	10.5	25.7	34.9	19.0	3.1	.5	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 73-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	>	%	MEAN WIND SPEED
N	1.1	1.1	.5	.6	.1							3.3	6.5
NNE	.2	1.2	1.8	.5	.1							3.9	7.4
NE	.4	1.4	1.1	.2								3.1	6.7
ENE	.4	.4	.9	.6								1.9	7.3
E	.7	.9	1.4	.5	.4							4.0	7.9
ESE	1.2	2.1	1.5	1.9	.2							7.0	7.7
SE	1.2	2.5	6.7	2.7								13.1	8.2
SSE	.2	1.7	4.4	2.0								8.3	8.6
S	.1	.7	.8	.2								1.9	8.1
SSW	.5	.1	1.1	.6								2.2	8.7
SW	.1	.6	1.2	1.4	.2							3.5	10.2
WSW	.2	1.2	2.6	2.5	.5	.1						7.1	10.4
W	2.7	4.0	5.8	4.1	1.1	.2						18.0	8.6
WNW	1.3	1.1	2.0	.7	.2							5.3	7.2
NW	.5	.8	.8	.6		.1						3.0	7.6
NNW	.2	.2	.5	.2								1.3	7.0
VARBL	1.1	1.1	2.0	1.7	.1	.1						6.0	9.0
CALM												7.1	
	12.2	21.0	35.0	21.2	3.0	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34025 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 74-78 YEARS | FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	1.5	.1	.4							4.4	6.5
NNE	.6	.7	2.4	.4								4.0	7.0
NE		.6	1.4	.4								2.4	8.1
ENE	.7	.5	.7	.2								2.1	6.3
E	.5	1.3	1.3	1.3	.2							5.0	7.9
ESE	.9	2.1	1.1	2.3	.4							6.5	8.0
SE	1.7	2.8	5.9	4.6								15.0	8.4
SSE	.9	2.1	4.7	1.5								9.3	7.6
S	.2	.9	.9	.4	.1							2.6	7.5
SSW	.1	.4	.8	.6								1.9	8.5
SW	.1	1.2	1.3	1.1	.2							3.9	9.2
WSW	.6	1.2	2.6	1.1	.4							5.8	8.7
W	.9	3.1	6.9	3.0	.7	.2						14.8	9.1
WNW	1.1	1.2	2.4	1.2	.2							6.0	8.2
NW	.4	.7	1.1	.5								2.6	7.4
NNW	.1		.4	.6								1.1	11.1
VARBL	.8	1.1	2.2	2.0	.4	.1						6.6	9.2
CALM												6.0	
	11.3	20.9	37.6	20.8	3.0	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 946

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34355 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 64-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.8	.4	.4							4.7	7.7
NNE	.2	.9	2.1	.4								3.7	7.6
NE	.1	.6	1.2	.7								2.6	8.2
ENE		.5	1.3	.9								2.7	9.3
E	.1	.5	2.2	1.2	.4							4.4	10.2
ESE	1.1	2.1	1.5	2.5	.5	.1						7.8	9.1
SE	1.4	4.1	6.7	4.4	.1	.1						16.9	8.5
SSE	.5	1.5	3.8	1.3								7.2	8.1
S	.4	.7	1.3	.9	.1							3.4	9.1
SSW	.1	.1	.5	.7		.1						1.5	11.2
SW			2.2	2.4	.1	.1						4.8	11.7
WSW	.7	1.1	1.9	1.2	.6							5.4	9.3
W	.6	4.5	5.2	3.2	.2							13.7	8.7
WNW	.4	1.4	1.6	1.3								4.8	8.4
NW	.4	.9	.9	.5	.1							2.7	8.0
NNW	.1	.5	.6	.4								1.5	8.1
VARBL	1.4	2.1	2.8	3.0	.7							10.0	9.2
CALM												1.9	
	8.3	23.2	37.9	25.1	3.2	.5						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 52-75 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	2.1	.7								5.2	7.1
NNE	.6	.9	2.0	.6								4.6	7.3
NE		.4	1.5	.2								2.1	8.1
ENE	.1	.1	2.4	.6								3.2	9.1
E	.4	.6	1.2	.9	.1							3.2	9.3
ESE	.6	2.4	3.0	1.5	.6	.1						8.4	8.7
SE	.5	3.4	7.0	3.2	.2							14.3	8.6
SSE	.1	2.0	3.2	1.4	.1							5.9	8.3
S	.2	.5	.5	.6	.1	.1						2.2	10.3
SSW	.1	.5	.2	.7	.2							1.8	10.2
SW		.4	.7	1.7	.4							3.1	12.0
WSW	.1	1.2	2.8	2.6	.7							7.4	10.6
W	1.1	3.3	6.5	3.3	.6							14.8	8.9
WNW	.7	.8	1.7	.9	.4							4.5	8.9
NW	.1	1.2	.9	.6								2.8	7.4
NNW	.4	.5	1.1	.8	.1							2.8	9.0
VARBL	.9	2.4	3.8	3.3	.4							10.8	9.2
CALM												1.9	
	7.1	22.1	40.5	24.2	3.9	.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

34055 HAHN AB/HUNSRUCK GERMANY 5-78 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS.) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.2	1.8	.6								5.3	6.5
NNE	.8	1.4	1.4	.2								3.7	6.3
NE	.1	1.7	2.0	.5								4.3	7.1
ENE		.2	1.7	.5								2.4	8.9
E	.4	.8	1.5	1.2								3.9	8.9
ESE	.7	1.7	2.6	1.2	.5							6.6	8.5
SE	1.9	3.4	7.1	1.4	.4							14.2	7.3
SSE	.7	1.7	3.5	1.4								7.3	7.9
S	.5	.6	.9	1.1								3.1	8.5
SSW	.1	.1	.8	.7	.2							2.0	10.3
SW		.7	1.2	1.1	.2	.4						3.5	11.5
WSW	.2	1.5	1.7	2.6		.2						6.3	9.8
W	1.1	4.3	5.8	3.3	.5							14.9	8.5
WNW	.6	1.8	1.2	.7								4.3	7.2
NW		.9	1.5	.9	.1							3.5	9.0
NNW	.5	.5	.4	.1								1.4	5.2
VARBL	.8	1.7	3.9	2.5	.2							9.1	8.7
CALM												4.3	
	8.9	25.2	39.0	20.0	2.1	.6						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34035	HAHN, AB/HUNSRUCK GERMANY	57-76	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1300-2000
HOURS (L.S.T.)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	1.1	.1								3.5	5.2
NNE	.1	1.9	1.2									3.2	6.3
NE	.4	1.9	1.5	.9								4.1	6.8
ENE	.2	.7	1.4	.2								2.6	7.6
E	.4	1.7	1.5	.9	.4							4.8	8.3
ESE	1.3	2.2	1.5	.7	.2							6.5	6.5
SE	1.8	3.7	5.8	3.								14.2	7.5
SSE	.0	2.5	2.1	2.1								7.3	7.9
S	1.1	1.1	1.5	.7								4.6	6.4
SSW	.2	1.1	.3	.0	.1	.4						3.3	9.9
SW	.2	1.1	1.1	.0	.2	.4						3.5	10.2
WSW	.1	1.1	1.9	1.4	.5	.2						5.2	10.6
W	1.2	4.6	4.5	4.1	.6							15.0	8.6
WNW	.7	2.0	1.8	.7	.1							5.3	6.9
NW	.0	1.4	.7	.8								3.5	6.9
NNW	.5	.2	.4	.1								1.2	5.6
VARBL	.9	.9	2.2	1.5	.1							5.8	8.5
CALM												6.4	
	12.1	29.1	31.1	18.3	2.2	.0						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 845

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10055	HAHN AB/NEUSPUCK GERMANY	7-78	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	.9	.2								3.4	6.0
NNE	.4	1.2	.9	.1								2.6	5.9
NE	.2	1.8	1.5	.4								3.9	7.2
ENE	.2	1.3	2.1	.2								3.9	7.0
E	1.4	.3	1.1	1.2	.5							5.0	8.2
ESE	1.1	2.0	1.7	1.3								6.0	7.4
SE	.4	3.3	6.4	4.0	.2							14.3	8.7
SSE	1.3	2.7	2.5	1.3								8.3	7.5
S	.7	.9	.7	.9	.2							3.5	6.1
SSW	.2	.5	.6	.5	.2							2.4	9.6
SW	.2	1.5	1.3	1.7	.2	.4	.1					5.4	10.5
WSW	.2	.9	1.6	1.1	.2	.1						4.4	9.6
W	1.5	4.7	6.3	4.6	.7	.5						18.3	9.2
WNW	.6	1.8	.9	.5								3.8	6.3
NW	.4	.5	.8	.2								1.9	7.1
NNW	.1	.2										.4	4.8
VARBL	.6	.5	2.4	1.8		.1						5.3	9.6
CALM												7.7	
	10.3	26.2	32.2	20.6	2.4	1.1	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 846

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34035 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 62-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	1.3	.4	.1							4.2	6.5
NNE	.4	1.2	1.0	.4	.0							3.6	7.0
NE	.2	1.2	1.5	.4								3.2	7.3
ENE	.2	.6	1.5	.4								2.7	7.8
E	.0	.9	1.4	1.0	.3							4.2	8.6
ESE	1.1	2.1	1.6	1.6	.3	.0						6.9	8.0
SE	1.2	3.4	6.7	3.3	.1	.0						14.8	8.2
SSE	.7	2.1	3.4	1.6	.0							7.8	7.9
S	.5	.8	.9	.8	.1	.0						3.0	8.2
SSW	.2	.4	.8	.7	.1	.0						2.2	9.6
SW	.1	.8	1.0	1.4	.3	.2	.0					4.0	10.8
WSW	.4	1.2	2.2	1.8	.4	.1						6.0	9.9
W	1.3	4.3	6.0	3.7	.7	.1	.0					16.1	8.8
WNW	.7	1.5	1.7	.8	.1							4.8	7.5
NW	.4	.9	.9	.5	.0	.0						2.8	7.6
NNW	.3	.3	.5	.3	.0							1.4	7.6
VARBL	.9	1.3	2.6	2.2	.3	.0						7.3	2.0
CALM												5.1	
	10.1	24.2	36.0	21.1	2.9	.6	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 6768

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 70-77 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.9	1.0	.5								4.5	5.9
NNE	.5	1.3	.9	.4								3.1	6.3
NE	.4	1.8	2.5	.6	.2							5.2	7.2
ENE	.6	1.3	1.3	.3								3.5	6.5
E	.9	1.7	1.8	1.1	.1							5.6	7.6
ESE	1.6	2.7	1.6	1.1	.1	.2						7.5	7.1
SE	3.9	3.5	2.5	1.2								11.1	5.5
SSE	1.7	2.2	2.6	.1								6.0	5.5
S	.2	.8	.5	.4								1.9	7.4
SSW		.5	1.1	.4	.1							2.2	8.9
SW	.4	1.8	1.6	1.5	.1							5.5	8.3
WSW	.6	2.0	2.7	1.2	.3							7.0	8.0
W	1.7	5.5	6.8	2.2	.6							16.8	7.5
WNW	.8	1.1	1.3	.3								3.4	6.6
NW	.8	1.2	.6	.3								2.9	5.7
NNW	.2	.9										1.1	4.5
VARBL	1.7	.4	.9	.8	.1							3.9	6.5
CALM												8.8	
	17.3	30.6	29.2	12.0	1.7	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 55-77 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	1.5	.4								3.9	6.6
NNE	.5	1.5	1.3	.8								4.1	6.9
NE	.8	1.2	2.6	.9	.1							4.9	7.1
ENE	.3	1.2	1.9	.1	.3							3.9	7.8
E	1.0	1.0	1.3	1.0								4.2	6.7
ESE	2.4	3.2	1.4	1.3	.1							8.4	6.0
SE	1.7	4.2	3.7	1.7								11.3	6.8
SSE	1.0	2.5	1.8	.4								6.3	5.8
S	.4	.5	.6	.4								1.8	6.2
SSW	.2	.1	1.2	.4	.1							2.0	9.2
SW	.9	1.6	1.0	1.2	.2							4.8	7.9
WSW	.8	2.7	1.8	2.0	.4							7.7	8.4
W	.8	5.2	5.7	2.3	.8	.1						14.7	8.2
WNW	1.8	1.3	1.9	.3								5.4	5.8
NW	.8	1.1	.3	.2								2.3	5.2
NNW	.3	1.2	.3									1.8	5.1
VARBL	1.0	.4	1.4	.9	.1							3.5	7.5
CALM												8.8	
	15.7	30.1	29.8	13.3	2.2	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 63-77 (YEARS) MAR (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	.4	2.5	1.3	.6	.2							5.1	6.9
NNE		1.2	1.5	.4	.1							3.2	8.4
NE	1.0	1.3	2.7	.5	.1							5.6	7.2
ENE	.6	.8	1.3	.5	.1							3.3	7.6
E	.8	.9	1.6	1.7								4.9	8.3
ESE	1.6	2.5	2.0	1.8	.1							8.1	7.2
SE	1.4	4.0	3.9	1.5	.1							10.9	7.0
SSE	2.2	2.0	3.4	.8								8.4	6.5
S	1.0	.4	.8	.4								2.6	6.1
SSW	.2	.4	.4	1.0								2.0	9.3
SW	.2	.9	.9	.9	.1							2.9	8.9
WSW	1.2	2.4	1.2	1.3	.5	.2						6.8	8.5
W	2.3	4.1	6.2	3.8	1.0							17.3	8.4
WNW	.6	2.0	1.3	.5								4.5	6.5
NW	.5	1.1	.5	.4								2.6	6.1
NNW	.6	.3	.3	.4								1.7	6.5
VARBL	1.3	1.1	.8	.5								3.7	5.9
CALM												6.5	
	15.9	27.7	30.1	17.2	2.4	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 63-77 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.6	1.2	.6								3.7	5.8
NNE	.4	1.1	2.0	1.3								4.8	8.4
NE	.4	.9	1.5	1.3	.1							4.2	8.9
ENE	.2	.9	1.7	.5	.1							3.4	8.2
E	.4	1.6	3.1	1.3	.1							6.6	8.5
ESE	.9	1.6	2.6	1.0								6.7	8.2
SE	.8	3.2	4.0	2.0								10.5	8.1
SSE	.0	1.8	2.3	1.2								5.9	7.7
S	.1	.6	1.0	.3	.1							2.2	8.0
SSW	.2	.3	.3	.9								2.2	9.2
SW	.2	.8	1.4	1.0	.3							3.7	9.7
WSW	.2	1.5	2.6	2.3	.6	.2						7.4	10.8
W	.8	3.1	6.1	4.4	.5							14.9	9.2
WNW	1.0	1.5	1.9	.5								5.6	6.0
NW	.2	1.7	1.1	.3	.1							3.4	7.2
NNW	.6	1.4	.8	.4	.1							3.3	6.9
VARBL	1.6	3.7	2.9	1.6	.2							10.2	7.5
CALM												1.3	
	10.0	27.3	36.9	21.9	2.4	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 55-77 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	2.4	.6								4.5	7.0
NNE	.3	1.3	2.3	.6	.1							5.3	7.7
NE	.3	1.1	1.2	1.6	.1							4.5	9.5
ENE	.1	.8	1.5	.8								3.1	8.2
E	.4	1.0	2.5	.8	.5							5.2	9.1
ESE	.4	1.5	2.0	1.0								4.9	8.4
SE	1.2	1.6	2.7	1.4								6.9	7.4
SSE	.6	.8	2.3	.4								4.1	7.4
S	.2	1.5	3.0	.5								5.3	7.9
SSW	.2	.2	.6	.4								1.5	8.5
SW	.1	.8	.9	1.0	.2							2.9	9.9
WSW	.2	1.7	2.3	2.5	.5							7.2	10.4
W	.6	2.9	4.5	4.9	.3	.1						13.4	9.8
WNW	.4	1.5	1.6	1.4								4.9	8.2
NW	.5	1.5	1.5	1.4	.1							5.1	8.5
NNW	.3	1.0	.9	.2	.1							2.5	7.1
VARBL	2.2	4.5	6.3	2.7	.2							15.9	7.6
CALM												1.9	
	8.9	25.4	38.4	23.0	2.3	.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 46-77 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.2	2.3	.3	.1							5.2	5.8
NNE	.3	2.3	4.2	.2	.1							7.1	7.2
NE		.8	1.5	1.4	.1							3.8	9.7
ENE	.3	.9	2.6	.9								4.6	5.1
E	.5	1.5	3.2	.5	.1							5.9	7.7
ESE	.9	1.7	1.7	1.3								5.6	7.5
SE	1.3	2.3	1.8	1.0								6.3	6.8
SSE	.9	1.9	2.0	.6								5.6	6.5
S	.6	1.3	1.5	.3								3.9	6.8
SSW	.2	.4	.3	.2	.1							1.6	9.3
SW	.4	1.4	1.9	.5	.1							4.4	8.0
WSW	.4	1.5	2.4	1.9	.4							6.7	9.4
W	1.0	4.2	4.3	3.5	1.3	.1						14.4	9.2
WNW	.2	1.7	1.7	1.0								4.6	7.6
NW	.6	1.3	1.2	1.4	.2	.1						4.9	8.6
NNW	.9	.6	.8	.2								2.5	5.8
VARBL	2.4	2.5	3.0	1.9	.1							9.9	7.1
CALM												3.0	
	11.5	28.4	36.5	17.7	2.7	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1801-2000 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.6	1.7		.1							5.7	5.5
NNE	.5	3.1	1.4	.6	.2							5.9	6.8
NE	.6	1.4	1.2	.3								3.6	6.2
ENE	.6	1.2	3.2	1.5								6.6	7.6
E	1.0	2.2	2.2	.4	.1							5.8	6.6
ESE	1.2	1.2	1.7	.4	.1							4.6	6.5
SE	3.2	3.3	1.7	1.1								9.4	5.5
SSE	1.7	2.4	1.4	.4								5.9	5.5
S	1.0	2.2	.9	.4	.1	.1						4.6	6.5
SSW	.6	1.9	.9	.1								3.6	5.4
SW	.3	1.6	1.1	1.1	.1							4.2	8.2
WSW	.8	2.3	2.3	1.2	.5							7.0	8.3
W	1.4	3.7	4.3	2.6	.2	.2						12.4	8.3
WNW	.4	1.8	1.8	.6								4.7	7.2
NW	.5	1.1	.8	.8	.1							3.2	7.7
NNW	.4	.3	.4	.2								1.4	6.3
VARBL	1.0	.9	.3	.3	.1							2.6	6.2
CALM												8.8	
	16.7	33.0	27.2	12.2	1.7	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 929

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 52-77 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	1.6	.1								4.9	5.7
NNE	.4	1.8	2.3	.2								4.7	6.6
NE	.4	1.0	1.6	1.0								4.0	8.3
ENE	.2	1.1	1.9	.4								3.7	7.6
E	1.0	3.2	2.0	1.2	.1							7.5	7.1
ESE	2.2	.8	1.4	.6	.1							5.1	6.0
SE	2.6	2.8	2.4	1.3								9.0	6.1
SSE	2.4	2.6	1.3	.8								7.0	5.4
S	1.2	.8	1.2	.2	.1							3.4	6.3
SSW	.8	.8	1.0	.5	.1							3.1	7.1
SW	.5	1.1	2.3	.8	.1							4.7	8.1
WSW	1.0	2.4	3.0	1.9		.1						8.4	8.1
W	1.5	6.5	3.3	2.2	.9	.1						14.4	7.7
WNW	.9	.6	2.4	.6								4.5	7.4
NW	.8	.4	.6	.2								2.0	5.7
NNW	.3	.5	.2	.1								1.2	5.9
VARBL	1.1	.3	1.0	.6	.2							3.2	7.6
CALM												9.0	
	18.1	28.8	29.5	12.6	1.6	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34054 — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
65-77 — YEARS
MAR — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.9	1.0	.9	.1							4.7	6.3
NNE	.4	1.8	2.0	.6	.1							4.8	7.3
NE	.5	1.2	1.8	.9	.1							4.5	8.0
ENE	.4	1.0	1.9	.6	.1							4.0	7.8
E	.7	1.6	2.2	1.0	.1							5.7	7.7
ESE	1.4	1.9	1.8	1.3	.1	.0						6.5	7.1
SE	2.0	3.1	2.6	1.5	.0							9.4	6.6
SSE	1.5	2.0	2.1	.6								6.2	6.3
S	.6	1.0	1.2	.4	.0	.0						3.2	6.9
SSW	.3	.6	.8	.5	.1							2.3	8.0
SW	.4	1.2	1.4	1.0	.2							4.1	8.5
WSW	.7	2.1	2.3	1.8	.4	.1						7.3	9.0
W	1.3	4.4	5.2	3.2	.7	.1						14.8	8.5
WNW	.8	1.5	1.7	.7								4.7	6.9
NW	.6	1.2	.8	.6	.1	.0						3.3	7.2
NNW	.5	.8	.5	.2	.0							1.9	6.2
VARBL	1.5	1.7	2.1	1.2	.1							6.6	7.2
CALM												6.0	
	14.3	28.9	32.2	16.3	2.1	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7439

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055	HAHN AB/HUNSRUCK GERMANY	65-77	APR
STATION	STATION NAME	YEARS	MONTH

ALL A THRU C
CLASS

0000-0300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.0	2.1	.2								7.0	5.5
NNE	.3	2.6	3.6	.1								6.6	6.7
NE	.1	1.4	.9	.3								2.8	6.4
ENE	.2	1.5	1.2	.1								2.9	6.5
E	2.4	3.7	1.0	.3								7.4	4.8
ESE	2.8	2.2	.7									5.7	3.9
SE	1.9	3.4	1.7									7.0	4.8
SSE	.9	.4	.4									1.8	4.4
S	.6	.9	.3	.2								2.0	5.6
SSW	.1	.2	.3	.6								1.2	9.5
SW	.1	1.2	2.2	1.0	.1							4.7	8.9
WSW	1.3	3.6	2.8	1.4								9.1	7.0
W	1.9	5.7	6.3	2.2	.1							16.2	7.1
WNW	.3	2.8	2.6	.6								6.4	7.0
NW	.9	1.7	1.8	.2	.1							4.7	6.5
NNW	1.1	1.7	.4									3.2	4.5
VARBL	1.2	.2	1.3	.2								3.0	6.1
CALM												3.3	
	17.9	36.0	29.9	7.6	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 909

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/MO SPANGDAHLEM GERMANY (STATION NAME) 52-77 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS.) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	4.1	1.9	.3								7.1	5.4
NNE	.2	2.7	2.4	.3								5.7	6.9
NE	.3	1.6	1.0	.2								3.1	6.6
ENE	.3	1.8	1.2	.2								3.6	6.0
E	1.7	2.1	.9	.3								5.0	5.2
ESE	3.1	2.7	.4									6.2	3.8
SE	2.4	4.0	1.9									8.3	5.0
SSE	1.2	1.6	1.2									4.0	5.1
S	.3	.1	.2									.7	4.8
SSW	.1	.3	.3	.4								1.2	8.5
SW		1.1	1.9	.9								3.9	8.7
WSW	.8	2.2	3.2	2.1								8.3	8.3
W	1.4	7.6	6.8	2.8	.1							18.7	7.3
WNW	.8	3.4	2.2	.3								6.8	6.1
NW	.6	1.7	1.9	.1								4.2	6.3
NNW	1.1	1.1	.4									2.7	4.5
VARBL	.9	.6	.8	.1								2.3	5.5
CALM												7.2	
	17.1	38.6	28.8	8.2	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10455	HAHN AB/HUNSRUCK GERMANY	47-77	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.7	2.7	.3	.1							8.1	5.3
NNE	.3	2.3	2.8	.7								5.1	7.2
NE	.3	.9	2.3	.6								4.8	7.9
ENE	.1	1.6	.9	.9	.1							3.6	5.3
E	.7	1.9	2.8	.3								5.4	6.2
ESE	2.6	4.2	1.6	.1								8.1	5.1
SE	.7	3.7	2.9	.3								7.6	6.1
SSE	.9	1.2	1.7	.2								4.0	5.4
S	.2	.2	.1	.1								.7	5.3
SSW			.2	.4								.8	11.0
SW		.3	1.1	2.4	.3							4.1	11.5
WSW	.1	1.7	2.2	2.9								6.9	9.2
W	.7	5.2	6.3	3.6	.4							16.1	8.4
WNW	1.6	3.2	2.0	.2								6.7	5.8
NW	.2	2.1	1.7	.2								4.2	6.4
NNW	.9	.9	1.0	.1								2.9	5.7
VARBL	2.0	1.9	1.1	1.2								6.2	6.4
CALM												3.8	
	11.7	35.0	33.9	14.7	1.0							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34025 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 73-77 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED KNTS; DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.3	2.6	.4	.1							5.7	6.5
NNE	.6	1.6	2.6	1.7								6.3	8.2
NE	.3	.7	2.9	1.8								5.7	9.2
ENE	.2	.4	1.6	1.0								3.2	9.1
E	.3	.7	2.1	1.6	.1							5.0	9.7
ESE	.3	1.7	1.6	.7								4.2	7.6
SE	.2	2.2	3.3	.2								6.0	7.2
SSE	.2	.8	1.1	.3								2.4	7.6
S	.1	.6	.2	.4								1.3	8.1
SSW	.3	.2	.7	.9								2.1	9.1
SW		.2	1.3	2.2	.5	.4						4.6	12.8
WSW	.1	.4	2.2	3.2	.4	.1						6.6	11.4
W	.2	3.6	6.8	2.9	.3	.1						13.9	9.2
WNW	.2	1.2	.8	.7	.1							3.0	7.8
NW	.4	1.8	1.9	.3								4.4	6.6
NNW	1.1	1.7	1.8	.8								5.0	6.1
VARBL	2.6	4.6	9.0	3.1	.4							19.7	7.9
CALM												.9	
	8.1	24.6	41.8	22.1	2.1	.4						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34025 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.8	2.3	1.0								5.4	7.8
NNE		2.0	3.6	1.2								6.8	8.3
NE	.1	.9	2.0	1.2								4.8	8.5
ENE	.1	.6	1.2	2.0								3.9	10.0
E	.2	.7	1.7	1.4	.1							4.1	9.7
ESE	.7	1.1	1.4	1.9								4.2	7.4
SE	.4	.4	2.2	.1								3.2	7.4
SSE	.2	.3	1.7									2.2	7.4
S	.2	.4	.9	.4								2.0	8.4
SSW	.1	.4	.9	1.1								2.6	9.6
SW		.3	1.6	1.7	.1	.2						3.9	11.9
WSW	.1	.8	2.3	1.9	.2	.1						5.4	10.2
W	.3	2.6	5.2	3.1	.7							11.9	9.5
WNW	.2	1.8	2.0	.4								4.4	7.5
NW	.1	2.1	1.9	1.8	.2							6.1	8.7
NNW	.1	1.8	1.7	.3								3.9	7.3
VARB	1.8	2.2	11.7	5.2	.3							24.1	8.5
CALM												1.0	
	5.1	23.2	44.8	23.9	1.7	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) APR (MONTH)

ALL WX THRS (CLASS) 1500-1700 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.3	3.6	1.6								7.9	7.9
NNE	.1	1.6	4.0	1.3								7.0	8.5
NE	.1	1.7	2.2	1.3								5.3	8.4
ENE	.1	.9	1.8	2.3								5.1	9.7
E	.6	1.7	2.9	.3	.1							5.6	7.3
ESE	.7	1.6	1.3	.6								4.1	6.5
SE	.3	1.3	1.4	.3								3.4	6.9
SSE	.2	.6	1.1	.2								2.1	7.1
S		.4	1.4	.8								2.7	9.2
SSW	.1	.7	1.4	.4	.1							2.8	8.8
SW	.2	1.2	1.1	1.3								3.9	8.9
WSW	.3	1.6	1.9	1.4								5.2	8.8
W	.6	3.0	5.9	3.2	.1							12.8	8.7
WNW	.1	1.3	1.9	.4								3.8	8.0
NW	.7	2.3	1.8	1.8	.3							6.9	8.4
NNW	.4	1.2	1.3	1.6								4.6	8.6
VARBL	2.6	3.4	6.2	2.1	.3	.2	.1					15.0	7.8
CALM												1.9	
	7.6	26.8	41.3	21.1	1.0	.2	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 6-77 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	5.0	3.3	1.1								11.4	6.2
NNE	.9	2.1	1.4	.3								4.8	6.2
NE	.2	1.6	1.4	.4								3.7	6.8
ENE	.1	1.2	4.0	1.3								7.2	8.5
E	1.2	2.1	1.7									5.0	5.1
ESE	1.8	1.3	.1									3.2	3.5
SE	1.0	1.7	.7									3.9	4.3
SSE	1.1	1.3	1.2	.1								3.8	5.4
S	1.1	.9	.2	.4								2.7	5.5
SSW	.2	.9	.7	.3								2.1	7.2
SW	.8	1.7	1.2	.9	.2	.1						4.9	7.9
WSW	.7	1.8	1.2	1.0	.1							4.8	7.5
W	1.9	4.3	4.6	2.1	.2							13.3	7.6
WNW	1.8	2.9	2.3	.1								7.1	5.5
NW	1.9	2.1	2.1	1.6	.1							7.8	7.2
NNW	.7	.9	1.3	.1								3.0	6.2
VARBL	1.3	.9	.4	.0	.3	.1						3.7	7.3
CALM												7.7	
	19.2	32.7	28.8	10.4	1.0	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 58-77 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.1	2.6	.3								7.2	6.3
NNE	.4	2.9	1.8	.2								5.3	6.3
NE	.2	2.0	1.0	.3								3.6	6.3
ENE	.3	.8	2.9	.4	.1							4.6	8.1
E	2.9	2.9	2.3	.2								8.3	5.2
ESE	2.3	1.1	.3									3.8	3.4
SE	2.8	2.6	.6									5.9	3.8
SSE	1.4	1.6	1.3	.1								4.4	5.0
S	.7	1.2	.2	.4								2.6	5.8
SSW	.2	.3	.7	.9								2.1	9.1
SW	.7	1.7	1.3	.7								4.3	7.2
WSW	.8	1.9	2.1	1.8	.1							6.7	8.3
W	1.7	7.3	3.8	2.2	.2	.1						15.3	6.9
WNW	1.6	2.3	1.3	.3								5.6	5.6
NW	1.1	1.7	2.0	.7	.1							5.6	7.1
NNW	1.1	1.3	1.2	.4								4.1	6.0
VARBL	.8	.6	.4	.2								2.0	5.6
CALM												8.7	
	20.2	35.2	25.9	9.3	.6	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 68-77 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.2	2.6	.7	.0							7.6	6.5
NNE	.4	2.2	2.8	.7								6.1	7.4
NE	.2	1.3	1.6	.8								4.2	7.8
ENE	.2	1.1	1.9	1.0	.0							4.2	8.5
E	1.2	2.0	1.9	.6	.0							5.7	6.4
ESE	1.7	2.0	1.0	.3								4.9	5.1
SE	1.3	2.4	1.8	.1								5.7	5.5
SSE	.6	1.0	1.2	.1								3.1	5.9
S	.9	.6	.5	.4								1.8	6.9
SSW	.2	.4	.7	.6	.0							1.9	8.9
SW	.2	1.0	1.5	1.4	.2	.1						4.3	9.7
WSW	.5	1.7	2.2	2.0	.1	.0						6.6	8.7
W	1.1	4.9	5.7	2.7	.3	.0						14.8	8.0
WNW	.8	2.4	1.9	.4	.0							5.5	6.4
NW	.7	1.9	1.9	.8	.1							5.5	7.3
NNW	.6	1.3	1.2	.4								3.7	6.3
VARBL	1.6	2.2	3.9	1.6	.2	.0	.0					9.5	7.7
CALM												4.9	
	13.4	31.5	34.4	14.7	1.0	.2	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7200

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

34055	HAHN AB/HUNSRUCK GERMANY	65-77	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	1.4	.2								5.4	5.1
NNE	.5	2.1	1.4									4.0	5.6
NE	.6	1.2	.4	.4								2.5	6.1
ENE	.2	1.1	2.5	.4								4.1	7.3
E	.9	3.9	1.5	.5								6.9	5.5
ESE	1.8	2.6	.4	.1								4.8	4.3
SE	2.7	4.7	1.5	.7								9.2	4.9
SSE	1.7	3.3	2.2	.1								7.3	5.3
S	1.2	.9	.7									2.8	4.4
SSW	.1	.7	1.3	.4								2.5	8.1
SW	.8	1.7	2.1	.8								5.4	7.4
WSW	.9	4.3	2.4	.9								8.5	6.7
W	2.4	5.9	5.7	.7								14.7	6.1
WNW	1.3	2.2	.7									4.3	4.8
NW	.1	1.2	.6									1.9	5.8
NNW	.7	.9	.8									2.5	5.6
VARBL	1.2	.5	1.2	.4								3.2	6.2
CALM												9.9	
	18.7	39.5	26.8	5.1								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) MAY (MONTH)

ALL AFTHR (CLASS) 0300-0500 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.1	1.3	.3								5.0	5.6
NNE	.3	2.0	.6	.1								3.0	5.5
NE	.4	1.1	.7	.1	.1							2.4	6.4
ENE	.4	.9	2.2	.2								3.8	7.1
E	.7	2.7	1.6	.3								5.2	5.8
ESE	3.2	2.9	.9	.2								7.2	4.4
SE	2.7	5.8	2.3	.2								11.0	5.2
SSE	2.6	2.7	2.1	.1								6.9	5.2
S	.6	.4	.9	.4								2.3	7.3
SSW	.4	1.0	.9	.7								3.0	7.5
SW	.1	2.5	1.6	.9								5.1	7.2
WSW	1.6	2.9	1.8	.3	.1							6.6	5.8
W	1.7	6.3	5.6	.4								14.1	6.3
WNW	.9	3.0	.8	.3								5.0	5.5
NW	.3	.7	.9	.2								2.1	6.6
NNW	.4	.7	1.0									2.1	6.1
VARBL	1.7	.2	.4	1.2								3.5	7.0
CALM												11.7	
	18.6	37.8	25.5	6.2	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 903

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34053 (STATION) | HAHN AP/HUNSRUCK GERMANY (STATION NAME) | 68-77 (YEARS) | MAY (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	.9	1.7	3.1	.3								6.0	6.7
NNE	.2	1.4	1.1	.2								3.0	6.8
NE	.1	.9	1.1	.1								2.2	6.4
ENE	.2	.3	2.5	.6	.2							3.9	9.2
E	.4	1.4	3.7	.9	.1							6.5	8.1
ESE	1.1	2.2	3.0	.6		.1						7.0	7.0
SE	1.2	3.8	3.9	.2								9.1	6.2
SSE	1.9	2.2	3.1	.3								7.2	6.3
S	.6	.7	.7	.2								2.1	6.2
SSW		.6	.8	1.1	.2							2.7	10.9
SW	.2	1.2	1.3	1.4	.1							4.3	8.9
WSW	.2	2.5	3.1	2.1								8.0	8.3
W	1.1	4.4	6.5	1.6								13.6	7.3
WNW	.4	3.3	1.4	.1	.1							5.4	6.2
NW	.4	2.2	1.3	.1								4.1	5.9
NNW	.2	1.3	.4	.2	.1							2.3	6.8
VARBL	2.9	1.9	1.4	1.1	.2							7.5	5.9
CALM												5.1	
	11.8	32.1	38.5	11.2	1.1	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 903

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34059	HAHN AB/HUNSRUCK GERMANY	53-77	MAY
STATION	STATION NAME	YEARS	MONTH

ALL AT TH:
CLASS

0900-1100
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.3	2.4	.6								5.4	7.1
NNE	.1	1.3	2.1	.3								3.9	7.4
NE		.6	.9	.4								1.9	8.4
ENE	.1	.4	1.3	1.3	.1	.1						3.4	10.4
E	.2	.8	2.4	2.1	.1							5.6	9.6
ESE	.7	1.3	1.4	1.0	.2	.1						4.8	8.7
SE	.4	2.2	3.3	.6								6.8	7.4
SSE	.2	.9	2.3	.3								3.8	7.9
S	.2	.3	1.4	.4								2.4	8.2
SSW		.3	.9	1.2	.2							2.7	11.3
SW	.1	.6	1.6	1.2	.4							3.9	10.5
WSW	.2	1.0	2.7	2.5	.3							6.8	10.0
W	.7	5.0	5.3	3.2	.2							14.4	8.4
WNW	.7	1.7	1.7	.1								4.1	6.4
NW	.9	1.2	1.3	.1								3.5	5.9
NNW	1.0	1.1	.9	.3								3.3	5.6
VARBL	2.5	6.1	9.5	4.0	.2							22.4	7.7
CALM												1.0	
	8.2	27.1	41.7	19.8	1.9	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 903

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34095 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) --77 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.7	2.6	.7								5.6	7.3
NNE	.5	1.2	2.0	.3								3.9	7.2
NE	.2	.9	1.3	.4								2.5	8.0
ENE	.2	.2	.9	1.4		.	.1					3.1	12.0
E	.3	1.3	1.2	1.7								4.5	8.6
ESE	.1	1.9	2.1	1.4	.1							5.6	8.5
SE	.4	1.6	2.0	.6								4.5	7.0
SSE	.2	1.0	2.3	.1								3.7	7.3
S	.2	1.1	.9		.1							2.3	6.7
SSW	.1	.5	.9	.8								2.3	8.8
SW		.2	1.3	1.9								3.4	10.9
WSW	.2	1.7	2.3	3.5	.2							8.0	10.0
W	.6	2.7	6.1	2.7								12.0	8.6
WNW	.1	1.8	1.3	.4								3.7	6.9
NW	.7	1.1	.8	.3								2.9	6.0
NNW	.7	1.3	1.5	.4								4.0	6.6
VARBL	2.3	7.0	11.0	5.9	.4							26.6	8.0
CALM												1.3	
	7.3	27.1	40.4	22.0	.9	.2	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 903

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34005 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 73-77 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.7	4.3	.3								6.9	7.2
NNE	.8	2.0	3.1	.5								6.3	6.8
NE	.3	.8	1.5	.9	.2							3.8	8.9
ENE	.2	1.6	1.4	1.5	.1							4.8	8.8
E	.5	2.5	2.4	.9								6.2	7.3
ESE	.2	2.3	2.0	1.0								5.5	7.7
SE	.3	1.7	1.5	.5								4.1	6.3
SSE	.1	.9	1.7									2.7	7.1
S	.3	1.5	1.7	.1								3.6	6.2
SSW	.2	.8	.6	.3								1.9	7.2
SW		.8	1.5	.8								3.1	8.8
WSW	.5	1.5	3.5	3.1								8.6	9.0
W	1.2	3.2	5.5	2.7								12.7	8.0
WNW	.3	1.9	2.4	.2								4.9	6.8
NW	.2	1.8	1.4	.6								4.0	7.1
NNW	.5	1.5	1.2									3.2	6.0
VARBL	2.7	3.7	6.1	3.1	.1	.1						15.8	7.4
CALM												1.9	
	9.2	30.2	41.7	16.4	.5	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 984

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 70-77 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.4	3.1	.4								8.4	6.0
NNE	.9	2.8	2.4	.1								6.3	5.8
NE	.6	1.2	.7	.1								2.6	5.5
ENE	.5	1.7	3.1	1.8	.1							7.1	8.4
E	1.5	3.4	2.0	.1								7.1	5.5
ESE	1.3	2.6	.7	.4								5.4	4.9
SE	1.8	3.2	.7									5.7	4.6
SSE	1.3	1.3	.5									3.2	4.5
S	.9	1.8	.4	.1								3.2	4.8
SSW	.1	.9	.4	.1								1.5	5.7
SW	.4	3.2	2.7	.4								6.6	6.6
WSW	1.5	3.1	3.2	1.1	.1							9.0	6.9
W	1.7	4.6	3.3	1.7								11.2	6.7
WNW	.8	1.9	1.3									4.0	5.5
NW	.5	1.3	1.3	.1								3.2	6.0
NNW	.5	.8	.8									2.1	5.6
VARBL	2.6	.5	.7	.1								3.9	3.9
CALM												9.3	
	18.9	37.8	27.3	6.4	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 345

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055	HAHN AP/HUNSRUCK GERMANY	66-77	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.1	1.3	.1								6.3	5.0
NNE	.9	1.9	1.8	.1								4.7	5.8
NE	.2	1.3	.2	.4								2.1	6.6
ENE		1.1	2.3	.4								4.8	8.6
E	2.0	2.5	1.7	.4								6.5	5.5
ESE	1.4	3.0	.5	.4								5.6	5.1
SE	2.0	5.4	1.1									8.5	4.6
SSE	1.9	3.0	1.4									6.3	4.9
S	1.3	1.6	.2	.1								3.4	4.1
SSW	.5	1.2	1.2	.2								3.4	5.7
SW	.5	3.1	3.2	.5								7.7	6.3
WSW	.7	3.7	1.9	.6	.1							7.0	6.5
W	2.5	5.0	4.3	1.2								12.9	6.3
WNW	1.4	1.5	1.9									4.8	5.5
NW	.5	1.1	.5									2.0	4.7
NNW	.8	1.1	.4									2.2	4.4
VARBL	.5	.2	.4	.5								1.5	7.6
CALM												10.2	
	19.6	39.7	24.9	5.4	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 846

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 52-77 (YEARS) MAY (MONTH)

ALL AIR TEMP (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	2.5	.4								6.1	6.3
NNE	.5	1.8	1.5	.2								4.4	6.4
NE	.3	1.0	.6	.4	.0							2.5	7.2
ENE	.2	.9	2.1	1.0	.1	.0	.0					4.4	8.8
E	.8	2.3	2.1	.9	.0							6.1	7.0
ESE	1.3	2.3	1.4	.4	.0	.0						5.5	6.3
SE	1.5	3.5	2.1	.5								7.6	5.7
SSE	1.1	1.9	2.0	.1								5.1	5.9
S	.7	1.1	.9	.2	.0							2.8	5.9
SSW	.5	.8	.9	.6	.1							2.5	6.3
SW	.3	1.0	1.9	1.0	.1							4.9	6.0
WSW	.7	2.0	2.0	1.8	.1							7.8	7.9
W	1.5	4.0	5.3	1.8	.0							13.2	7.2
WNW	.7	2.2	1.4	.2	.0							4.5	6.0
NW	.5	1.3	1.0	.2								3.0	6.1
NNW	.6	1.1	.9	.1	.0							2.7	5.9
VARBL	2.1	7.6	3.9	2.1	.1	.0						15.7	7.3
CALM												6.2	
	13.9	33.8	33.5	11.8	.6	.0	.0					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 7033

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

3-055	HAHN AB/HUNSRUCK GERMANY	55-69,71-77	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.2	2.2	.2								7.5	5.8
NNE	1.7	4.2	1.5	.2								7.7	5.1
NE	.4	1.0	.6									2.0	5.4
ENE	.6	.9	1.4									2.8	5.9
E	2.	1.9	1.0	.2								5.7	4.7
ESE	2.	1.6	.2									4.0	3.2
SE	1.7	4.2	1.9									7.8	4.8
SSE	1.2	1.5	1.1									3.8	5.0
S	.3	.4	.2									1.2	4.2
SSW	.5	.6	.4	.1								1.6	5.5
SW	.6	2.3	1.4	1.0								5.3	7.0
WSW	1.7	3.0	2.1	.9								7.7	6.2
W	2.7	7.2	3.6	2.0								15.8	6.3
WNW	1.4	3.3	1.2	.1								6.0	5.0
NW	1.4	1.7	.7	.4								4.2	5.3
NNW	1.0	1.2	.1	.1								2.5	4.6
VARBL	2.0	1.1	1.2	.1								4.4	5.0
CALM												10.0	
	23.8	30.6	20.9	5.1								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 810

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 70-77 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.0	2.1	.6								7.0	6.0
NNE	.6	2.6	1.9	.1								5.3	6.1
NE	.5	1.8	.5									2.9	5.0
ENE	.5	.9	1.0	.1								2.5	6.3
E	1.4	2.6	1.5	.1								5.5	5.3
ESE	1.7	3.0	.3									5.0	3.8
SE	2.5	3.9	1.7	.1								8.2	4.8
SSE	1.4	1.6	.7	.2								3.9	4.6
S	.1	.5	.5	.2								1.3	7.4
SSW	.7	1.0	.5	.0								2.7	6.9
SW	.2	1.5	.8	.3								2.9	6.7
WSW	1.5	3.2	1.6	1.1								7.4	6.5
W	3.4	6.8	5.0	.6								15.9	5.8
WNW	1.5	2.7	2.5	.2								7.0	5.7
NW	.6	1.3	.7									2.7	4.6
NNW	.9	.8	.6									2.3	4.7
VARBL	1.3	1.5	1.0	.2								4.0	5.3
CALM												13.6	
	20.3	38.7	22.8	4.6								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 876

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 68-77 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.0	2.7	.5								7.2	6.5
NNE	.7	3.1	2.4	.3								6.5	6.3
NE	1.3	.6	.5	.1								2.4	4.7
ENE	.5	1.0	.9	.2								2.6	6.3
E	1.1	2.5	3.2	.5								7.3	6.5
ESE	1.5	3.0	1.9	.3								6.7	5.5
SE	1.4	4.1	2.2	.2								7.9	5.6
SSE	1.3	1.8	2.1	.1								5.3	5.9
S	.2	.2	.9	.3								1.6	8.1
SSW	.1	.5	.5	.5								1.6	8.5
SW	.1	.7	.9	1.0								2.7	8.6
WSW	.5	1.6	2.9	.8	.1							5.8	7.7
W	1.9	7.4	5.0	1.6								16.0	6.6
WNW	1.1	2.4	2.3	.2								6.1	6.1
NW	.5	1.5	1.8	.2								4.0	6.6
NNW	.5	1.7	.8	.3								3.3	5.9
VARBL	1.9	3.0	3.7	1.4								9.9	6.7
ALM												3.1	
	15.4	38.0	34.7	8.7	.1							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 876

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

3405 — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
60-77 — YEARS
JUL — MONTH

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.7	4.5	.2								8.0	6.6
NNE	.3	2.1	4.1	.2								6.7	7.2
NE	.2	.9	.9	.6								2.3	6.7
ENE	.2	1.7	.8	.6								3.3	7.0
E	.5	.8	3.1	1.5								5.8	8.8
ESE	.2	.8	.9	.7								2.6	8.1
SE	.3	1.6	1.6	.6								4.1	7.1
SSE	.2	1.5	1.1	.2								3.1	6.7
S	.5	.8	.5	.6	.1							2.4	7.5
SSW	.1	.2	.2	.3								.9	8.0
SW		.5	1.3	1.7	.1							3.5	10.3
WSW	.2	1.3	2.3	1.7	.2							5.7	9.2
W	.9	3.5	6.3	2.9	.1							13.7	9.2
WNW	1.0	2.2	2.1									5.3	5.9
NW	.3	1.3	1.4									3.0	6.1
NNW	.9	2.4	.7	.6								4.6	5.9
VARBL	1.9	5.1	12.7	2.7	.1							22.6	7.6
CALM												2.4	
	8.6	29.3	44.3	14.7	.1							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 876

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34056 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 64-77 (YEARS) JUN (MONTH)

ALL WX (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	.9	3.1	4.3									8.0	6.3
NNE	.1	1.9	2.2	.7	.1							5.0	7.6
NE	.2	1.5	1.4	.3								3.4	7.0
ENE		1.4	1.3	.3								3.0	7.6
E	.5	.7	3.3	1.7								6.2	8.9
ESE	.1	1.6	1.0	.4								3.0	6.7
SE	.2	1.1	.7	.1								2.2	6.1
SSE	.2	1.5	.9	.2								2.9	6.4
S	.1	.6	.3	.1								1.6	6.9
SSW	.5	.3	.2	.3								1.4	7.3
SW	.2	.2	1.3	1.3	.1							3.1	10.4
WSW	.2	1.3	3.7	3.1								8.2	9.5
W	.9	2.3	4.3	3.0								10.6	8.6
WNW	.7	2.1	1.8	.1								4.7	6.1
NW	.1	2.1	1.9									4.1	6.3
NNW	.5	1.1	2.1									3.7	6.8
VARBL	1.4	7.1	12.9	5.5	.2							27.1	8.2
CALM												2.1	
	6.8	29.8	43.6	17.9	.5							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 876

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AF/PH, SPANGDAHLEM GERMANY (STATION NAME) 66-77 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	4.4	3.4	.6								9.6	6.1
NNE	.4	3.3	4.7	.5								8.8	7.3
NE		.9	1.4	.8								3.2	8.6
ENE	.4	1.2	1.3	1.4	.1							4.3	8.5
E	.5	.9	3.0	.7								5.2	8.2
ESE	.4	.9	.6	.1								2.0	6.2
SE		1.9	1.2									3.0	6.1
SSE	.4	.8	.6	.1								1.9	5.7
S	.1	1.2	.7	.4								2.3	7.4
SSW		.1	.5	.2								.8	9.4
SW		.4	1.3	2.8								3.5	10.8
WSW		1.5	4.8	1.6								8.0	8.7
W	.6	3.9	5.9	2.1								12.6	7.7
WNW	.6	2.8	1.3	.4								5.0	5.9
NW	.4	1.9	1.2									3.4	5.7
NNW	.7	1.6	2.0	.2	.1							4.7	6.4
VARBL	1.3	6.8	9.0	2.9	.1							20.1	7.6
CALM												1.4	
	6.9	34.5	42.7	14.1	.4							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 854

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 68-69,71-77 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	5.0	3.0	.4								12.0	5.5
NNE	.4	4.3	3.6	.4								8.6	6.4
NE	.6	1.4	1.1	.4								3.5	6.4
ENE	.4	2.1	2.1	.7								5.3	7.1
E	.9	2.0	1.1	.1								4.1	5.5
ESE	.9	1.4	.2									2.5	4.3
SE	1.2	3.1	.9									5.2	4.7
SSE	1.5	1.6	.1									3.2	3.7
S	.4	1.2	.2									1.9	4.7
SSW	.1	.9	1.2	.4								2.5	7.6
SW	.1	2.5	2.0	.7								5.3	7.4
WSW	1.2	1.9	2.5	.4	.1							6.0	6.4
W	1.9	6.0	4.8	.5								13.2	6.3
WNW	2.3	2.0	1.0		.1							5.4	4.7
NW	.2	2.2	.6	.2								3.3	5.5
NNW	1.5	1.6	.9	.6								4.6	5.7
VARBL	2.5	1.7	1.0	1.2								7.0	6.1
CALM												6.4	
	18.1	41.9	27.5	5.8	.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 810

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34034	HAHN AB/HUNSRUCK GERMANY	60-69,71-77	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.3	1.9									9.3	4.8
NNE	.9	5.3	2.1									8.3	5.4
NE	.4	1.9	.7									3.0	5.7
ENE	.6	.9	3.2									4.7	7.2
E	1.0	1.9	1.7	.4								4.9	5.9
ESE	2.6	.6	.5									3.7	3.3
SE	1.6	3.1	1.0									5.7	4.4
SSE	2.1	1.5	.4	.1								4.1	3.9
S	.6	1.7	.2	.1								2.7	4.4
SSW	.5	1.2	.6	.2								2.6	5.8
SW	.2	2.8	1.2	.6								4.9	6.6
WSW	1.7	3.1	2.3	.4								7.5	5.8
W	3.0	5.7	4.2	.9								13.7	5.9
WNW	1.0	3.1	.4									5.1	4.2
NW	1.5	1.6	.4	.4								3.8	5.4
NNW	.7	1.4	.5									2.6	4.8
VARBL	1.4	1.6	1.4	.7								5.1	6.2
CALM												8.4	
	22.5	42.6	22.7	3.8								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HOSPRUCK GERMANY (STATION NAME) 66-77 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.8	3.1	.3								8.5	6.0
NNE	.6	3.3	2.8	.3	.0							7.1	6.4
NE	.5	1.2	.9	.2								2.8	6.3
ENE	.4	1.3	1.5	.4	.0							3.6	7.1
E	1.0	1.6	2.3	.7								5.6	6.8
ESE	1.2	1.6	.7	.2								3.7	5.0
SE	1.1	2.9	1.4	.1								5.5	5.3
SSE	1.3	1.5	.9	.1								3.5	5.2
S	.3	.3	.5	.2	.0							1.9	6.3
SSW	.3	.6	.5	.3								1.8	7.1
SW	.2	1.3	1.3	1.1	.0							3.9	8.4
WSW	.9	2.1	2.8	1.3	.1							7.0	7.5
W	1.9	5.4	4.9	1.7	.0							13.9	6.8
WNW	1.3	2.6	1.6	.1	.0							5.6	5.5
NW	.6	1.7	1.1	.1								3.6	5.8
NNW	.6	1.5	1.0	.2	.0							3.5	5.8
VARBL	1.7	3.5	5.5	1.9	.1							12.7	7.3
CALM												5.9	
	15.2	36.7	32.7	9.4	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 6788

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) | HAHN AB/HUNSRUCK GERMANY (STATION NAME) | 66-69,71-77 (YEARS) | JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.0	1.9									6.5	5.3
NNE	1.1	1.8	.6									3.5	4.9
NE	1.1	.8	.4									2.3	3.9
ENE	.6	.4	.6									1.8	5.8
E	2.3	2.5	.2									5.0	4.0
ESE	3.8	1.8	.5									6.1	3.3
SE	2.3	3.3	.5	.2								6.3	4.3
SSE	1.7	1.0	1.1									3.7	4.7
S	1.1	.7	.5									2.3	3.9
SSW	.7	.5	.7	.2								2.2	6.3
SW	1.0	1.4	.5	.5								3.3	5.7
WSW	2.5	3.6	1.3	.2								7.7	4.8
W	4.5	9.6	4.9	1.0								20.0	5.5
WNW	4.2	2.5	.6									7.3	3.6
NW	1.2	1.9	.7	.1								3.9	4.8
NNW	1.9	1.8	.2	.1								4.1	3.8
VARBL	1.0	.2	.7	.4								2.3	5.9
CALM												11.8	
	32.4	36.8	16.1	2.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 836

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34054 | HAHN AB/HUNSRUCK GERMANY | 64-77 | JUL
STATION | STATION NAME | YEARS | MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.1	1.2	.3								5.9	5.6
NNE	.3	1.3	.7									2.8	5.3
NE	.2	.6	.5									1.4	3.7
ENE	.3	.8	.2									1.3	4.7
E	1.4	1.6	.2									3.2	3.9
ESE	3.0	3.2	.4	.1								6.2	4.0
SE	2.7	4.4	2.0	.3								9.4	5.0
SSE	1.2	1.1	.4									2.8	4.1
S	.7	.3	.3									1.3	4.0
SSW	.4	.7	.3	.4								1.9	6.5
SW	1.1	2.0	1.4	.8								5.3	6.5
WSW	2.3	3.5	2.1	.1								8.1	5.2
W	4.2	9.5	6.5	1.2								21.5	5.9
WNW	3.1	3.3	1.2	.1								7.8	4.5
NW	1.6	1.2	.8	.2								3.8	4.9
NNW	.7	1.1	.4	.1								2.3	4.9
VARBL	1.2	.2	.2	.2								1.9	4.4
CALM												12.6	
	26.5	38.0	18.9	4.0								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 903

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34035 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) --77 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	2.9	.4								7.6	6.2
NNE	.6	2.4	.7									3.7	5.0
NE	.1	1.1	.3	.1								1.7	5.8
ENE	.2	.8	.6									1.6	5.4
E	1.6	2.8	.8									4.5	5.0
ESE	1.3	2.9	1.2	.4								5.9	5.5
SE	1.6	3.3	3.4	1.3								8.7	6.9
SSE	1.6	1.6	1.0	.2								3.8	5.5
S	.1	.2	.3									.7	6.2
SSW	.1	.4	.4	.4								1.4	8.2
SW	.6	1.7	.8	.5	.1							3.9	7.5
WSW	.9	2.7	3.2	1.1								7.9	7.4
W	1.4	7.4	6.1	1.8	.1							16.8	6.9
WNW	2.0	3.8	1.8	.4								7.8	5.3
NW	1.6	3.2	1.9	.1								6.2	5.4
NNW	.9	1.8	1.0	.1								3.8	5.4
VARBL	3.7	2.5	2.7	.6								9.4	5.1
CALM												4.8	
	16.9	41.7	29.0	7.3	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 903

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34025 (STATION) HAHN AB/HOSPOCK FERRY (STATION NAME) 55-77 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	4.0	2.5	.3								8.3	5.9
NNE	.2	2.2	2.3									4.8	6.4
NE		1.0	.1	.1								1.2	5.8
ENE	.5	.7	.7	.1								2.2	6.6
E	.2	1.1	.5	.6								2.9	7.6
ESE	.0	1.3	1.1	.3								3.5	6.9
SE	.4	.8	1.7	1.1								4.0	8.2
SSE	.2	1.1	1.3	.3								3.0	7.3
S	.3	.4			.1							.9	5.9
SSW	.2	.1	.2	.3								.9	7.8
SW	.1	.9	.6	1.3	.2							3.1	10.5
WSW	.4	1.2	2.4	1.4	.1	.1	.1					5.9	9.5
W	.7	4.1	8.3	3.0	.1							16.2	8.2
WNW	.3	3.7	2.5	.7								7.2	6.6
NW	.9	2.5	2.2	.1								5.8	6.1
NNW	1.1	2.1	1.1	.1								4.4	5.3
VARBL	4.0	7.5	9.7	2.0								23.3	6.4
CALM												2.5	
	12.0	34.8	37.7	12.3	.6	.1	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 903

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055	HAHN AB/HUNSRUCK GERMANY	73-77	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L S T)

CONDITION

SPEED (KNTS) D.R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.5	3.1	.2								8.0	6.3
NNE	.2	2.7	1.7	.1								4.7	6.4
NE		1.3	1.2	.1								2.7	6.9
ENE	.2	.3	.7	.1								1.3	6.7
E	.3	1.4	1.9	.6								3.7	7.2
ESE	.0	.7	1.2	.0								3.0	7.6
SE	.1	1.0	.5	.0								2.2	6.3
SSE	.3	.6	.6	.1								1.6	5.7
S	.2	.3	.7									1.2	6.0
SSW	.3	.1	.9	.2								1.6	8.0
SW		.2	.7	1.2	.1							2.2	11.5
WSW	.7	1.0	4.2	1.7	.2	.2						8.0	9.5
W	.5	4.0	7.6	3.9	.3	.1						16.8	8.6
WNW	.2	2.3	2.8	.4								5.8	7.0
NW	.6	1.6	1.4	.7								4.2	6.6
NNW	.3	2.9	1.8	.2								5.2	6.1
VARBL	2.7	9.9	11.0	2.9								26.4	6.9
CALM												1.7	
	8.6	33.8	41.4	13.5	.7	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 903

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	4.1	4.1	.1								9.0	6.2
NNE	.8	3.1	1.9	.1								5.9	5.8
NE	.1	1.8	1.8									3.7	6.4
ENE	.2	.7	.9	.2								2.0	7.3
E	.5	.7	2.0	.2								3.4	7.3
ESE	.1	.5	1.5	.7								2.7	8.5
SE	.6	.9	1.0									2.5	5.5
SSE	.8	.1	.5									1.4	4.8
S	.3	.6	.7	.1								1.7	6.6
SSW	.3	.5	.3	.1								1.7	6.5
SW		.9	1.4	.7	.1							3.1	8.9
WSW	.2	1.1	3.1	1.8	.1							6.4	9.1
W	1.5	5.3	10.4	3.0	.3							20.5	7.7
WNW	.9	3.5	2.2	.2	.1							6.9	6.2
NW	.9	1.5	1.9	.3								4.7	6.4
NNW	.6	1.8	1.4	.3								4.1	6.1
VARBL	3.7	6.6	6.4	2.0								18.7	6.4
CALM												1.6	
	12.3	33.6	41.9	10.0	.7							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 881

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 68-69,71-77 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	5.9	1.8									9.9	4.8
NNE	1.6	4.9	2.2									8.6	5.2
NE	1.1	2.7	.8									4.7	4.7
ENE	.8	1.8	.7	.2								3.6	5.8
E	1.3	1.2	1.0									3.5	4.8
ESE	1.0	1.8	.8	.1								3.5	5.0
SE	.8	1.6	.1									2.5	4.0
SSE	1.6	.8	.2									2.6	3.7
S	.8	1.0	.1	.1								2.0	4.2
SSW	.6	1.1	.6	.1								2.4	5.3
SW	.6	1.9	1.0	.1								3.6	5.6
WSW	1.0	2.4	1.6	.5	.1							5.5	6.2
W	3.8	8.0	4.9	.4								17.1	5.3
WNW	3.7	2.9	.7	1.1	.1							8.5	5.4
NW	1.3	2.2	1.3	.4								5.1	5.6
NNW	1.0	1.3	1.0	.2								3.5	5.5
VARBL	2.6	1.1	.6	.1								4.4	3.8
CALM												9.1	
	25.8	42.4	19.1	3.3	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055	HAHN AB/HUNSRUCK GERMANY	66-69,71-77	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	6.1	.8									9.3	4.5
NNE	1.2	2.9	.4									4.4	4.6
NE	1.1	1.2	.4									2.6	4.2
ENE	.6	1.4	1.2	.1								3.3	5.9
E	2.2	1.7	.1									3.9	3.5
ESE	1.3	1.7	.4									3.3	4.0
SE	2.5	2.5	1.0	.2								6.2	4.7
SSE	1.1	1.2	.2									2.5	4.2
S	.4	1.3	.1									1.8	4.8
SSW	1.0	1.2	.4									2.5	4.4
SW	1.0	1.2	1.1	.1								3.3	5.7
WSW	2.5	2.0	1.7	.6								6.8	5.1
W	5.9	7.3	3.5	.2								16.8	4.7
WNW	3.1	2.4	1.0	.2								6.7	4.6
NW	1.6	1.2	.6	.2								3.6	4.7
NNW	1.8	2.7	.5	.1								5.1	4.3
VARBL	1.6	.2	.1	.4								2.3	4.9
CALM												15.3	
	30.9	38.2	13.3	2.3								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055	HAHN AB/HUNSRUCK GERMANY	68-77	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	4.1	2.3	.2								8.0	5.5
NNE	.8	2.6	1.3	.0								4.8	5.5
NE	.5	1.3	.6	.0								2.5	5.3
ENE	.5	.8	.7	.1								2.1	5.9
E	1.1	1.6	.8	.2								3.8	5.3
ESE	1.4	1.7	.9	.3								4.4	5.2
SE	1.3	2.2	1.3	.4								5.3	5.7
SSE	1.0	.9	.7	.1								2.7	5.1
S	.5	.6	.3	.0	.0							1.5	5.0
SSW	.5	.6	.5	.2								1.8	6.3
SW	.5	1.3	.9	.7	.1							3.5	7.5
WSW	1.3	2.2	2.5	.9		.0	.0					7.0	7.1
W	2.8	6.9	6.6	1.8	.1	.0						18.2	6.6
WNW	2.2	3.1	1.6	.4	.0							7.2	5.4
NW	1.1	1.9	1.4	.3								4.7	5.7
NNW	1.0	1.9	.9	.2								4.1	5.2
VARBL	2.6	3.6	4.0	1.1								11.3	6.2
CALM												7.3	
	20.4	37.4	27.4	7.0	.3	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7003

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34095 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) --77 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.5	.4									4.8	3.9
NNE	.5	1.9	.2									2.7	4.4
NE	.4	.6	.5									1.6	5.1
ENE	.8	1.1	.5									2.4	4.9
E	2.7	3.4	.5									6.7	4.1
ESE	3.3	2.8	.5	.1								6.8	3.5
SE	3.7	4.1	1.2									8.9	4.1
SSE	2.9	1.5	1.0									5.4	4.0
S	.8	2.4	.3									3.4	4.6
SSW	.2	.6	.3	.1								1.3	5.8
SW	.4	1.2	1.1	.3								3.0	6.6
WSW	1.1	4.4	1.9	.2								7.6	5.6
W	3.7	7.1	3.0	.2								14.0	5.1
WNW	2.3	2.9	1.1									6.2	4.5
NW	1.0	1.3	1.1	.1								4.1	5.0
NNW	1.5	1.0	.4									2.9	4.0
VARBL	1.5	.9	.2									2.6	3.5
CALM												15.6	
	29.2	39.7	14.4	1.1								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055	HAHN AB/HUNSRUCK GERMANY	55-77	AUG
STATION	STATION NAME	YEARS	MONTH

ALL OF THE
CLASS

CONDITION

0300-0500
HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	1.0									5.1	4.6
NNE	1.1	1.5										2.6	3.7
NE	1.0	1.4	.3									2.7	4.4
ENE	.8	1.2	.4									2.4	4.6
E	2.2	2.9	.6									5.7	4.3
ESE	3.4	3.9	.5									7.8	3.9
SE	4.0	4.3	1.6									9.9	4.2
SSE	2.2	3.0	.8									5.9	4.3
S	1.2	.8										1.9	3.2
SSW	.4	.5	.4	.1								1.5	5.3
SW	.2	1.9	1.3	.4								3.9	6.8
WSW	1.3	3.1	2.3	.3								7.0	5.7
W	3.3	5.4	4.0	.6								13.3	5.6
WNW	2.7	1.8	1.6	.3								6.5	5.2
NW	1.8	1.3	.8	.1								4.0	4.5
NNW	1.0	.8	.2									1.9	3.8
VARBL	1.9	1.1	.3									3.3	3.7
CALM												14.6	
	30.2	37.1	16.1	1.9								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	1.4		.1							5.4	5.2
NNE	.0	1.3	1.0	.1								3.0	5.8
NE	.9	1.8	.8	.1								3.5	5.0
ENE	.0	1.0	.5									2.2	5.2
E	1.3	3.4	2.2	.3								7.2	5.9
ESE	1.9	2.9	1.7	.5								7.1	5.5
SE	1.9	6.6	3.8	.1								12.4	5.8
SSE	1.9	3.4	1.1	.2								6.7	4.9
S	.8	.4	.3	.1								1.6	3.0
SSW	.1	.6	1.0	.4								2.2	7.8
SW	.1	.8	1.6	.6								3.1	8.4
WSW	.8	2.5	2.3	.9								6.3	6.9
W	1.9	5.9	5.6	1.5								15.2	6.8
WNW	1.4	2.2	.4	.2								4.2	5.0
NW	.6	1.1	.8									2.6	5.0
NNW	.9	1.4		.1								2.4	4.1
VARBL	2.7	2.6	1.4	.5	.1							7.3	5.3
CALM												7.7	
	20.2	40.1	25.9	5.8	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34005 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.5	1.5	.1								6.5	5.2
NNE	.6	1.8	1.5	.4								4.4	6.5
NE		.9	1.0	.4								2.3	7.7
ENE	.4	.9	1.3	.4								3.0	7.4
E	.9	1.7	2.9	.9								6.3	7.3
ESE	.4	1.2	2.5	.6								4.7	8.0
SE	.3	2.5	3.0	1.4								7.2	7.8
SSE	.6	.9	1.5	.3								3.4	6.8
S	.2	.6	.4	.1	.1							1.5	6.7
SSW	.1	.3	.2	.5								1.2	8.9
SW	.4	.3	1.3	1.5								3.5	9.5
WSW	.6	1.6	2.6	1.2	.1							6.1	7.7
W	.5	3.1	6.2	3.2	.2							13.1	8.8
WNW	1.1	1.5	1.5									4.1	5.4
NW	.5	1.1	.8									2.4	5.8
NNW	1.5	2.5	.5	.1								4.6	4.6
VARBL	3.1	8.0	9.1	3.3								23.5	7.1
CALM												2.0	
	12.7	32.4	37.8	14.6	.4							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) --77 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS), DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.8	2.5	.3								6.5	5.3
NNE	1.1	2.4	1.1	.3								4.8	6.0
NE	.9	.9	1.2	.4								3.3	6.4
ENE	.2	1.5	1.3	.6								3.8	7.5
E	.5	.4	1.4	1.1								3.4	8.2
ESE	.1	.8	1.7	.6								3.3	8.5
SE	.2	1.2	2.0	.5								4.1	7.7
SSE	.3	.5	1.1	.1								2.0	6.7
S		.6	.3	.2								1.2	7.3
SSW	.1	.3	.6	.6								1.7	9.8
SW	.1	.3	.6	1.5	.2							2.8	10.9
WSW	.8	1.1	3.0	2.3	.2	.1						7.4	9.3
W	.5	4.2	7.2	2.7								14.6	8.1
WNW	1.1	1.3	.8	.1								3.2	5.1
NW	.8	1.7	1.1									3.5	5.4
NNW	.8	1.4	.9									3.0	5.1
VARBL	3.0	8.8	12.3	4.9	.1							29.1	7.5
CALM												2.0	
	11.3	30.2	39.0	16.8	.5	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 55-77 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	4.2	3.8	.2								9.2	6.2
NNE	.5	2.7	2.6	.5								6.3	6.8
NE	.3	1.3	1.2	.3								3.1	7.1
ENE	.4	1.0	1.9	.2								3.9	7.5
E	.5	1.7	3.7	.2								6.5	7.4
ESE	.2	1.5	1.5	.4								3.7	7.2
SE	.3	1.7	1.6	.2								3.9	6.4
SSE	.2	1.7	.5									2.5	5.7
-	.1	1.3	1.2	.4								3.0	7.4
SSW	.2	.4	1.3	.4	.1							2.5	8.8
SW	.2	.5	1.2	.5								2.5	8.3
WSW	.4	2.4	3.2	1.7								7.7	8.3
W	1.4	4.2	7.7	1.5	.2							15.1	7.4
WNW	1.2	2.0	.8	.1								4.1	4.8
NW	.6	1.1	1.3	.4								3.4	6.7
NNW	.4	1.3	.3	.1								2.2	5.2
VARBL	3.8	5.6	5.8	2.0	.2							17.4	6.7
CALM												3.1	
	12.0	34.6	39.6	10.1	.5							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34000 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | --77 YEARS | AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	3.3	1.9	.4								8.3	4.9
NNE	1.2	3.8	1.2	.1								6.2	5.2
NE	.9	2.5	.3	.1								3.8	4.9
ENE	1.4	2.0	1.9	.1								5.5	5.6
E	2.7	3.9	1.8									8.4	4.6
ESE	2.0	2.0	.4									4.5	3.9
SE	1.1	3.2	.9									5.2	4.9
SSE	1.4	1.3	.9									3.5	4.5
S	1.5	1.2	.3	.4								3.4	5.1
SSW	.5	1.1	.5	.1								2.3	5.2
SW	.2	2.4	1.5	.3	.1							4.5	6.6
WSW	1.2	2.7	2.5									6.3	5.6
W	3.3	5.7	3.7	.6								13.3	5.5
WNW	2.0	2.0	.3	.2								4.6	4.1
NW	1.5	1.3	.5	.1								3.4	4.5
NNW	1.6	1.1	.2	.2								3.1	4.1
VARBL	1.8	2.0	.8	.2								4.8	4.8
CALM												8.7	
	27.2	41.5	19.7	2.8	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34005 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 73-77 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	3.8	.9									7.0	4.1
NNE	.0	2.0	.3									3.0	4.6
NE	1.1	1.8	.3									3.2	4.5
ENE	1.5	1.2	1.5									4.2	5.1
E	2.9	2.9	1.2									7.0	4.3
ESE	3.3	3.0	.1									6.5	3.5
SE	4.0	3.3	1.1									8.4	4.0
SSE	2.5	1.7	.6									4.8	4.1
S	2.0	1.2	.3									3.5	3.6
SSW	.6	1.0	.5									2.2	5.1
SW	.2	1.8	1.7	.1								3.9	6.4
WSW	2.5	1.9	2.3	.4								7.1	5.4
W	3.5	5.9	3.4	.6								13.5	5.5
WNW	2.0	2.5	.4	.1								5.1	4.1
NW	1.1	1.6	.1	.2								3.0	4.5
NNW	1.9	1.0	.3									3.2	3.5
VARBL	1.6	1.2	.1									2.9	3.4
CALM												11.5	
	33.9	37.8	15.3	1.5								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 HAHN AB/HOSPRUCK GERMANY 68-77 AUG
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.1	1.7	.1	.0							6.6	5.2
NNE	.6	2.2	1.0	.2								4.1	5.6
NE	.7	1.4	.7	.2								2.9	5.6
ENE	.8	1.2	1.2	.2								3.4	5.1
E	1.7	2.6	1.8	.3								6.4	5.6
ESE	1.9	2.3	1.1	.3								5.6	5.1
SE	1.9	3.4	1.9	.3								7.5	5.4
SSE	1.5	1.8	.9	.1								4.3	4.8
S	.8	1.1	.4	.2	.0							2.5	5.1
SSW	.3	.6	.6	.3	.0							1.8	7.1
SW	.2	1.2	1.3	.7	.0							3.4	7.8
WSW	1.1	2.5	2.5	.9	.0	.0						7.0	6.8
W	2.3	5.2	5.1	1.4	.1							14.0	6.6
WNW	1.7	2.0	.9	.1								4.7	4.3
NW	1.1	1.3	.8	.1								3.3	5.2
NNW	1.2	1.3	.4	.1								2.9	4.3
VARBL	2.4	3.8	3.7	1.4	.1							11.4	6.5
CALM												8.2	
	22.1	36.7	26.0	6.8	.2	.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM 0-3-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) [illegible]-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.9	.2									3.3	4.0
NNE	.8	1.1	.2									2.1	4.3
NE	.6	1.2	.2									2.0	4.6
ENE	.7	.6	.4									1.7	4.8
E	1.4	1.8	.6	.2								4.0	4.6
ESE	2.8	2.1	.6	.1								5.6	3.9
SE	5.1	4.3	1.7	.3								11.5	4.6
SSE	3.0	3.2	1.6									7.8	4.6
S	1.3	1.2	.2									2.8	4.1
SSW	.2	1.7	1.0	.4	.3							3.7	8.0
SW	.4	2.6	1.9	1.0	.2	.1						6.2	8.0
WSW	1.4	3.2	1.7	1.4	.2							8.0	7.1
W	3.0	7.1	4.1	1.3	.3							15.9	6.2
WNW	1.3	1.0	.6									2.9	4.3
NW	1.3	.7	.2									2.2	3.6
NNW	.7	.8										1.4	3.7
VARBL	1.4	.4	.4	.6								2.9	6.1
CALM												16.0	
	26.8	34.9	15.6	5.5	1.1	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 899

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 58-77 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.5	.3									4.1	4.2
NNE	.6	2.3	.4									3.6	4.6
NE	.1	1.4	.3									1.9	5.4
ENE	.2	.4	.6									1.2	5.5
E	1.3	1.9	.2									3.4	3.9
ESE	2.8	2.8	.6									6.1	4.0
SE	4.1	5.7	1.7	.2								11.7	4.4
SSE	2.2	3.7	.9	.4								7.2	4.8
S	.9	1.3	.3	.2								2.8	4.9
SSW	.7	.7	.8	.6	.1	.1						2.9	8.3
SW	.4	1.4	3.1	.8	.1	.1						6.0	8.3
WSW	2.3	2.2	2.1	1.6								8.2	6.8
W	3.8	5.9	4.2	1.8	.2							15.9	6.3
WNW	1.2	1.3	.1	.1								2.8	3.8
NW	.6	.2										.8	2.6
NNW	.7	.6	.1									1.3	3.6
VARBL	1.6	.3	.9	.4								3.2	5.9
CALM												16.9	
	25.4	33.8	17.1	6.1	.4	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN, AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.6	.6									4.0	4.5
NNE	1.0	1.3	.8									3.1	4.8
NE	.2	1.3	.3									1.9	5.1
ENE	.4	.4	.7									1.6	5.4
E	1.1	1.8	.8	.3								4.0	5.3
ESE	2.3	1.9	.5	.2								5.2	4.5
SE	3.3	4.0	4.1	.7								12.1	5.7
SSE	2.6	3.7	2.2	.3								8.8	5.2
S	1.0	1.9	.6	.2								3.7	5.4
SSW	1.0	.3	1.1	.4								2.9	7.0
SW	.3	.9	1.8	2.4	.3	.1						5.9	10.3
WSW	1.3	2.7	1.9	1.3	.1							7.3	7.0
W	1.9	5.6	5.6	2.3	.1							15.4	7.2
WNW	1.4	1.3	.9		.1							3.8	5.1
NW	1.2	.8										2.0	3.1
NNW	.7	.2										.9	2.9
VARBL	2.1	1.8	1.2	.6								5.7	5.5
CALM												11.8	
	23.7	31.4	23.4	8.9	.7	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34025 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 55-77 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	1.3	.1								4.7	5.4
NNE	.2	2.3	1.3	.3								4.2	6.4
NE	.2	.6	.7									1.4	6.3
ENE	.7	.9	1.0	.2								2.8	6.1
E	.3	1.1	1.7	.1								3.2	7.0
ESE	1.1	.9	1.7	1.3								5.0	7.4
SE	.9	3.4	3.3	.9								8.6	7.0
SSE	.9	2.0	2.6	1.1								6.6	7.2
S	.4	.4	1.2	.8								2.9	7.8
SSW	.3	.3	.7	1.8	.1							3.2	10.1
SW	.2	.7	1.0	2.7	.4							5.0	11.7
WSW	.9	1.9	3.1	2.4	.4							8.8	9.3
W	1.3	5.4	5.1	2.9								14.8	7.4
WNW	1.3	1.6	.3									3.2	4.3
NW	.4	2.0										2.4	4.2
NNW	.9	1.0	.4									2.3	4.3
VARBL	3.4	7.0	5.3	1.8	.1							17.7	6.4
CALM												3.2	
	14.7	33.8	30.3	16.4	1.1							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AP/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	2.4									6.1	5.3
NNE	.7	1.4	1.4									3.6	5.7
NE	.1	.9	.7	.3								2.0	6.8
ENE	.4	1.3	.8									2.6	5.3
E	.7	1.3	1.9	.1								4.0	6.6
ESE	.2	.6	1.4	.7								2.9	8.6
SE	.4	.9	2.3	.3								4.0	7.6
SSE	.4	1.6	1.6	.8								4.3	7.2
S		.7	1.1	1.2	.2							3.2	10.1
SSW	.1	.6	1.4	1.8	.3							4.2	10.7
SW	.3	.8	1.4	2.6	.2							5.6	10.4
WSW	.8	.7	2.2	2.3	.1							6.1	9.4
W	.8	4.7	5.6	3.8								14.8	8.3
WNW	1.1	2.1	.7									3.9	5.0
NW	.7	1.2	.1	.3								2.3	5.5
NNW	.7	1.0	.1									1.8	4.3
VARBL	4.6	8.7	8.7	2.8		.1						24.8	6.7
CALM												3.9	
	13.7	30.3	33.9	17.2	.9	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055	HAHN AB/HUNSRUCK GERMANY	58-77	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.9	1.7									5.4	4.9
NNE	.2	3.2	2.3	.3								6.1	6.6
NE	.2	1.7	.9									2.8	5.7
ENE	.0	.8	2.2	.3								3.9	7.2
E	.8	1.8	1.1	.2								3.9	5.9
ESE	.8	1.4	1.3	.6								4.1	6.2
SE	1.1	2.8	1.9	.3								6.1	5.8
SSE	1.1	2.0	1.0	.2								4.3	5.3
S	.4	1.2	.9	1.3	.1							4.0	8.5
SSW	.2	.8	1.6	1.6	.2							4.3	10.1
SW	.4	1.4	1.3	1.4	.2							4.9	8.7
WSW	1.1	1.8	3.2	1.6	.1							7.8	7.8
W	3.1	4.7	4.8	2.8	.1							15.4	7.0
WNW	1.8	1.1	1.2									4.1	4.7
NW	1.6	1.1	.7	.4								3.8	5.1
NNW	.4	.8	.7									1.9	5.5
VARBL	3.7	4.1	4.1	.9								12.8	5.8
CALM												4.3	
	19.4	32.6	30.9	12.0	.8							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) [illegible]-77 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.6	1.3	.2								6.0	4.9
NNE	1.2	2.8	.7	.1								4.8	4.9
NE	.6	1.8	.4									2.8	4.6
ENE	.8	2.0	1.7	.1								4.6	5.8
E	.6	2.1	.7	.1								3.4	5.4
ESE	2.6	2.1	.6									5.2	3.6
SE	2.8	2.9	1.4	.3								7.4	4.7
SSE	2.1	2.0	.8	.7								5.6	5.3
S	1.7	1.8	.8	.7	.1							5.0	5.5
[illegible]	.9	1.7	.6	1.2	.2							4.6	7.6
SW	.4	2.1	2.0	1.0	.2							5.8	7.8
WSW	1.3	2.0	2.2	.9								6.4	6.8
W	4.2	4.3	3.8	1.2	.3							13.9	6.1
WNW	1.3	1.9	.4									3.7	4.3
NW	.9	1.0	.6									2.4	4.5
NNW	1.3	.8	.2									2.3	3.7
VARBL	1.2	1.3	.9	.2								3.7	5.5
CALM												12.4	
	25.8	35.1	19.0	6.8	.9							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
STAL/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 5[illegible]-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.4	.7									5.1	4.3
NNE	1.0	1.9	.9									3.8	5.2
NE	.3	1.0	.4									1.8	4.8
ENE	.3	.9	.8									2.0	5.6
E	1.3	1.3	1.2									3.9	5.1
ESE	2.2	2.9	.2									5.3	3.9
SE	5.2	4.4	1.2	.4	.1							11.4	4.4
SSE	2.7	3.6	.9	.2								7.3	4.5
S	1.4	1.7	1.0	.6								4.7	6.0
SSW	.3	.8	.9	.7	.1	.1						2.9	8.7
SW	.2	2.2	1.9	1.2	.2							5.8	8.5
WSW	1.3	3.8	2.3	1.6	.3							9.3	7.3
W	2.7	5.2	3.9	2.3	.2							14.3	6.9
WNW	1.9	1.3	.3	.2								3.8	4.3
NW	.6	.2	.2									1.0	3.8
NNW	.9	.1	.1									1.1	3.0
VARBL	1.9	.9	.3	.2								3.3	4.2
CALM												13.1	
	26.3	34.7	17.3	7.4	1.0	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-6-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 6 -77 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.0	1.2	.0								4.8	4.7
NNE	.7	2.1	1.0	.1								3.9	5.5
NE	.3	1.2	.5	.0								2.1	5.4
ENE	.5	.9	1.0	.1								2.5	5.9
E	.9	1.0	1.0	.1								3.7	5.5
ESE	1.8	1.8	.9	.4								4.9	5.0
SE	2.9	3.6	2.2	.4	.0							9.1	5.3
SSE	1.9	2.7	1.4	.5								6.5	5.4
S	.9	1.3	.8	.5	.1							3.6	6.6
SSW	.5	.8	1.0	1.1	.2	.0						3.6	8.9
SW	.4	1.5	1.8	1.7	.3	.0						5.6	9.2
WSW	1.3	2.3	2.3	1.6	.2							7.8	7.7
W	2.6	5.4	4.6	2.3	.2							15.1	6.9
WNW	1.4	1.5	.6	.0	.0							3.5	4.5
NW	.9	.9	.2	.1								2.1	4.3
NNW	.8	.7	.2									1.6	4.0
VARBL	2.5	3.1	2.7	.9	.0	.0						9.3	6.2
CALM												10.2	
	22.0	33.3	23.5	10.0	.9	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7199

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34095 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 64-77 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	1.0									2.2	6.2
NNE		.4	.4									.9	6.3
NE	.3	.6	.6									1.6	5.4
ENE		.9	.2	.5								1.6	7.5
E	.3	.8	1.3	.2								2.6	7.1
ESE	1.7	3.0	2.9	.4								8.1	5.9
SE	3.6	5.3	7.1	2.0								17.4	6.6
SSE	2.6	2.8	3.1	.1								8.6	5.3
S	.5	.6	.8	.5								2.5	7.2
SSW	.3	.3	.4	.0	.3							2.0	10.3
SW	.5	.9	.8	.9	.2							3.2	8.4
WSW	1.1	1.9	2.3	1.4	.3							7.0	8.0
W	2.5	6.6	6.3	3.0	.1							18.5	7.3
WNW	2.2	4.0	1.3	.1								7.5	5.0
NW	.9	.9	.5	.2								2.5	5.2
NNW	.4	1.0		.1								1.5	4.3
VARBL	1.0	.6	1.3	1.5	.2							4.6	8.7
CALM												7.7	
	17.7	31.3	30.3	11.7	.2							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055	HAHN AB/HUNSRUCK GERMANY	68-77	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	.6	.1								1.9	6.1
NNE	.3	.5	.3									1.2	5.0
NE	.1	.3	.5									1.0	6.3
ENE	.1	1.0	.5	.4								2.0	7.1
E	.9	1.7	1.4	.3								4.3	6.3
ESE	2.0	2.3	2.7	.4								7.4	5.8
SE	2.9	8.3	7.6	2.6								19.5	6.8
SSE	1.6	2.4	2.2	.5								6.7	5.9
S	.5	1.3	.5	.2								2.9	6.4
SSW	.1	.3	.8	.3	.2							1.7	9.7
SW	.3	.6	.3	.4	.2							1.9	8.4
WSW	1.0	1.5	2.3	.5	.3							5.6	7.3
W	2.5	8.0	6.7	2.4	.1							19.6	7.0
WNW	2.0	3.0	1.6	.1								6.8	5.0
NW	1.0	1.1	.5	.2								2.8	5.1
NNW	.2	.2	.2									.6	5.0
VARBL	1.7	1.0	2.0	1.8	.1							6.7	8.0
CALM												7.4	
	17.7	32.3	30.9	10.8	1.0							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34035 (STATION) HAHN AB/HUNSRUCK, GERMANY (STATION NAME) 56-77 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.4	.1								3.0	6.4
NNE	.1	.5	.2									.9	6.1
NE	.3	.4	.6									1.4	5.6
ENE	.1	.2	.9	.4								1.6	8.2
E	.4	1.0	1.9	.4	.1							3.9	7.7
ESE	1.0	2.0	2.9	.8								7.3	6.7
SE	2.5	4.9	8.7	3.8	.1							20.0	7.5
SSE	1.0	3.5	2.7	.9								8.1	6.5
S	.5	.5	.6	.2								2.2	.7
SSW	.3	.4	1.1	.1								1.9	6.4
SW	.6	.8	.9	.3	.1							2.7	7.2
WSW	.9	1.6	2.3	1.5	.2							6.5	8.4
W	1.9	8.6	5.7	2.4	.2	.1						19.9	7.1
WNW	1.0	2.8	1.2	.3								5.3	5.5
NW	.4	1.2	.6	.1								2.4	5.8
NNW	.6	.4	.4									1.5	4.9
VARBL	1.6	.5	1.7	1.4	.3							5.6	8.2
CALM												6.0	
	14.7	30.5	34.8	12.7	1.1	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34035 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 70-77 (YEARS) JCT (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.4	.1								3.2	6.4
NNE	.3	.4	.6	.1								1.6	5.9
NE	.1	.4	.1									.6	4.8
ENE	.3	.5	.5	.5								1.9	8.1
E	.4	.4	1.6	.5	.2	.1						3.5	9.4
ESE	.6	1.4	2.6	1.7	.1							6.5	8.7
SE	1.8	3.5	7.2	4.4	.8							17.7	8.7
SSE	.6	2.4	3.4	.5								7.0	7.0
S	.4	.8	.6	.2								2.0	6.4
SSW	.1	.5	.4	.2								1.3	7.5
SW		.6	1.1	.6	.1							2.5	9.6
WSW	.4	1.1	1.5	1.3	.3							4.6	9.4
W	1.0	5.3	8.1	3.9	.9							19.0	8.6
WNW	.5	2.4	1.6	.1	.1							4.7	6.3
NW	.6	1.5	1.1	.2								3.4	6.2
NNW	.6	.9	.8									2.3	5.3
VARBL	3.2	3.8	4.2	3.1	.6	.2						15.2	8.0
CALM												2.8	
	11.9	27.1	37.1	17.8	3.0	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055	HAHN AB/HUNSRUCK GERMANY	73-77	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.0	2.3	.1								4.8	6.6
NNE	.4	.8	.4	.2								1.8	6.1
NE		.2	.3	.2								.8	8.7
ENE	.1	.2	1.2	.5								2.0	8.2
E	.4	1.1	1.8	1.0								4.3	8.0
ESE	.4	2.4	1.6	1.3	.2							5.9	8.0
SE	.3	3.1	5.2	1.7								10.3	7.9
SSE	.8	2.5	2.0	1.3	.1							6.7	7.2
S	.2	.6	1.2	.2								2.3	7.4
SSW	.1	.2	.4	.3								1.1	8.9
SW	.1	1.0	1.2	1.6	.1							4.0	9.8
WSW	.2	1.0	1.7	1.3	.2							4.4	9.4
W	.8	6.6	7.5	3.9	.6							19.4	8.5
WNW	.9	1.7	1.7	.2	.1							4.6	6.4
NW	.8	1.0	.8	.3	.1							2.9	6.8
NNW	.6	.6	.8									2.0	5.2
VARBL	5.4	5.3	6.0	4.3	.3	.1						21.4	7.2
CALM												1.3	
	11.9	30.2	36.1	18.5	1.8	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 54-77 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	1.2	.1								2.8	6.4
NNE	.4	1.6	1.3	.1								3.4	6.1
NE	.1	.9	.6	.3								1.9	7.2
ENE	.2	.6	.9	.6								2.4	8.1
E	.4	1.8	1.5	.4								4.2	6.8
ESE	.4	2.5	2.3	.5								5.7	6.8
SE	2.2	4.2	5.9	1.2	.2							13.7	7.1
SSE	2.0	2.9	2.4	.2								7.5	5.0
S	.5	1.0	.6	.3								2.5	6.0
SSW	.3	.4	.8	.1	.2							1.8	7.8
SW	.4	1.2	1.3	.5								3.4	7.1
WSW	.5	2.2	2.5	1.0	.2							6.3	7.9
W	2.6	6.1	6.8	2.5	.1							18.1	7.1
WNW	1.2	2.3	1.6	.3								5.4	5.9
NW	1.2	.8	.6	.3		.1						3.0	5.9
NNW	.2	.5	.6	.1								1.5	6.6
VARBL	2.7	2.8	2.8	2.2	.3							10.8	7.2
CALM												5.6	
	15.8	32.9	33.7	10.9	1.1	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 73-77 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.3									2.3	6.6
NNE	.3	1.3	.8									2.4	5.7
NE	.1	.3	.1									.5	5.0
ENE	.1	.5	1.2	.9								2.7	8.6
E	.4	2.0	1.3	.3								4.1	6.3
ESE	1.4	1.9	2.3	.5	.1							6.2	6.3
SE	2.4	5.5	5.6	1.6	.2							15.3	6.8
SSE	2.6	5.2	4.0	.4								12.2	5.7
S	.6	.6	.5									1.8	4.8
SSW		.5	.4	.2								1.2	7.6
SW	.6	1.2	1.8	.9								4.5	7.5
WSW	1.2	2.8	2.3	.9	.1							7.2	6.7
W	2.7	7.3	5.2	2.2	.2							17.5	6.7
WNW	1.8	1.8	1.1	.4								5.2	5.5
NW	.9	1.1	.6	.2								2.8	5.4
NNW	.5	.4	.4	.2								1.6	6.0
VARBL	1.4	1.0	1.3	1.4	.1							5.2	7.6
CALM												7.4	
	17.4	34.2	30.1	10.1	.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/INNSBRUCK GERMANY (STATION NAME) 68-77 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8	1.4									2.2	7.3
NNE	.2	.6	.3									1.2	5.4
NE	.2	.3	.5									1.1	5.3
ENE	.2	.6	1.1	.2								2.2	7.4
E	.5	.9	2.0									3.4	6.7
ESE	2.0	2.3	1.5	.6								6.5	5.6
SE	1.9	6.0	7.1	1.7	.2							17.0	6.9
SSE	2.4	4.1	3.1	.1								9.7	5.5
S	.6	.9	1.1	.2								2.8	5.9
SSW		.4	.0	.6								1.7	9.5
SW	.5	1.5	1.5	1.2	.1							4.8	8.3
WSW	1.2	1.8	.9	.9								4.7	6.6
W	3.3	7.6	6.6	3.0	.3							20.9	7.0
WNW	1.6	2.6	1.3	.2								5.7	5.3
NW	.8	.9	1.0	.2								2.8	5.9
NNW	.1		.1									.2	5.0
VARBL	1.3	1.0	1.0	.4	.1	.1						3.9	6.9
CALM												9.4	
	17.0	32.3	31.1	9.5	.8	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	1.3	.1								2.8	6.5
NNE	.3	.8	.6	.1								1.7	6.0
NE	.2	.4	.4	.1								1.1	6.2
ENE	.1	.6	.8	.5								2.1	8.0
E	.5	1.2	1.6	.4	.0	.0						3.8	7.3
ESE	1.3	2.2	2.3	.8	.1							6.7	6.7
SE	2.1	4.9	6.8	2.4	.2							16.4	7.3
SSE	1.7	3.2	2.9	.5	.0							8.3	6.0
S	.5	.8	.8	.3								2.4	6.3
SSW	.2	.4	.6	.3	.1							1.6	8.5
SW	.4	1.0	1.1	.8	.1							3.4	8.3
WSW	.8	1.7	1.9	1.1	.2							5.8	7.9
W	2.2	7.0	6.7	2.9	.3	.0						19.1	7.4
WNW	1.4	2.6	1.4	.2	.0							5.6	5.5
NW	.8	1.0	.7	.2	.0	.0						2.8	5.8
NNW	.4	.5	.4	.1								1.4	5.3
VARBL	2.3	2.0	2.5	2.0	.3	.1						9.2	7.6
CALM												6.0	
	15.5	31.3	33.0	12.7	1.3	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7440

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055	HAHN AB/HUNSRUCK GERMANY	58-77	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	1.1	.2								2.4	7.1
NNE	.2	.7	.9									1.8	6.3
NE	.2	.1	.6									.9	6.6
ENE	.2	.6	.2									1.0	5.7
E	.3	.4	.7	.4								1.9	7.5
ESE	1.4	.4	.2	.7	.1							2.9	6.3
SE	1.7	4.0	2.9	2.1	.3							11.0	7.4
SSE	1.7	2.4	1.3	1.1								6.6	5.4
S	.4	.7	.7	.6	.2							2.6	8.3
SSW	.2	.2	1.0	1.9	.6	.1						4.0	12.4
SW	1.0	1.7	3.2	1.1	.6	.6						8.1	9.5
WSW	.4	1.1	3.1	2.9	1.4	.2						9.2	11.1
W	1.2	5.9	7.9	5.8	.9	.6						22.2	9.2
WNW	1.4	2.0	2.3	.8	.1							6.7	6.9
NW	.2	.9	.4	.4								2.0	7.2
NNW		.1	.6	.2								.9	8.3
VARBL	.6	1.3	3.6	3.0	.4	.3						9.2	10.2
CALM												6.7	
	11.3	23.7	30.7	21.2	4.7	1.8						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 73-77 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	1.4	.1								2.6	7.0
NNE	.1	.2	1.3									1.7	7.5
NE	.2	.7	.2									1.1	5.0
ENE	.2	.6	.2	.2								1.2	6.5
E	.3		.4	.4	.1							1.3	9.5
ESE	.3	1.7	.1	.4								2.6	6.3
SE	1.8	5.5	1.7	1.0	.2							10.7	6.4
SSE	1.7	2.2	2.7	1.0								7.6	6.6
S	.6	.7	.9	1.2	.2	.1						3.7	9.5
SSW	.1	.7	1.3	.8	.6	.1						3.6	11.0
SW	.2	.9	2.9	4.0	.3	.1						8.5	10.5
WSW	.9	1.3	3.6	3.0	1.0	.3	.3					10.3	11.1
W	1.3	4.9	9.5	3.7	1.8	.1						21.2	9.0
WNW	.6	2.9	2.0	.3								5.8	6.4
NW	.3	.7	.7									1.7	6.0
NNW	.6	.2	.2									1.0	3.4
VARBL	1.4	1.4	2.9	3.6	.7	.3						10.6	10.3
CALM												5.0	
	11.0	25.0	32.0	20.6	4.9	1.1	.3					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 899

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 5[illegible]-77 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0000-0800 (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		.4	1.3	.5	.1							2.4	9.6
NNE		.1	.7	.2								1.0	8.9
NE		.8	.3									1.1	5.9
ENE	.1	.6	.7	.3								1.7	8.1
E	.9	.3	.4	.2	.2							2.1	6.7
ESE	.3	.8	.1	.7								1.9	7.5
SE	1.7	3.7	3.4	1.6	.3							10.7	7.4
SSE	.9	3.1	2.4	1.1	.1							7.7	7.0
S	.3	.6	1.7	.7	.6	.1						3.9	9.8
SSW	.1	.8	1.0	.7	.4	.1						3.1	10.8
SW	.4	1.1	2.3	2.9	.9	.2						7.9	11.2
WSW	.6	1.3	2.1	3.2	.7	.3						8.2	10.8
W	1.1	5.1	8.9	4.6	1.2	.3		.1				21.3	9.4
WNW	.5	3.2	2.0	.2								6.0	6.2
NW		.6	.9	.3								1.8	8.5
NNW		.7	.3	.1								1.1	6.4
VARBL	1.7	1.3	3.9	3.4	.9	.3	.1					11.7	10.1
CALM												6.4	
	8.7	24.4	32.6	20.8	5.4	1.4	.1	.1				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) NOV (MONTH)

ALL AFTNEA (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	.2	1.0	1.3	.7								3.2	8.0
NNE	.1	.3	1.1	.4								2.0	8.3
NE	.1	.6	.4	.4								1.6	8.3
ENE		.7	.3	.7								1.7	8.9
E	.2	.4	.1	.3	.3							1.4	9.9
ESE	.7	1.2	.6	.4	.3							3.2	7.6
SE	1.3	3.0	2.8	2.1	.2							9.5	7.8
SSE	1.6	2.6	2.7	1.2								8.0	7.0
S	.8	.7	.9	1.0	.2							3.6	8.2
SSW	.2	.4	.9	1.6	.8	.2						4.1	12.6
SW	.3	.7	2.3	2.3	1.3	.2						7.2	11.9
WSW	.6	1.4	3.0	2.4	1.1	.2						9.3	10.7
W	.6	4.0	8.7	5.2	1.3	.7						20.5	10.3
WNW	.9	1.3	2.4	.7								5.3	7.3
NW	.1	.7	1.1	.3								2.2	8.0
NNW	.2	.3	.3	.2								1.1	7.1
VARBL	.8	2.2	5.3	3.7	.8	.4						13.2	10.1
CALM												2.8	
	8.7	21.6	34.9	23.8	6.5	1.8						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 899

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	1.9	.5								3.2	8.1
NNE	.2	.6	1.2	.3								2.3	7.4
NE	.1	.6	1.0	.2								1.9	7.4
ENE	.1	.3	.6	.2								1.2	7.2
E	.7	.7	.4	.8								2.6	7.8
ESE	1.0	.7	.2	.2	.1							2.2	5.6
SE	.6	2.3	3.3	2.3	.2							8.8	8.8
SSE	1.3	1.4	1.6	.6								4.9	6.2
S	.2	.4	1.0									1.7	6.6
SSW	.1	.1	1.2	1.9	.7	.1	.1					4.2	13.5
SW		.8	3.2	3.8	.8	.1						8.7	11.5
WSW	.3	1.4	2.8	2.9	1.4							8.9	11.2
W	.6	3.7	8.5	5.9	1.4	.3						20.4	10.2
WNW	.7	1.2	1.7	.2								3.8	6.9
NW		.9	1.0	.2								2.1	7.3
NNW	.4	.3	.2	.4	.1							1.6	7.6
VARBL	.8	4.6	6.8	4.1	1.8	.6						18.6	9.9
CALM												2.8	
	7.4	20.6	36.7	24.7	6.6	1.1	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 897

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/INNSBRUCK GERMANY (STATION NAME) 66-77 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.1	2.1	.5		.1						4.4	8.5
NNE	.4	.3	.3	.2								1.3	6.3
NE	.4	1.5	.8									2.7	5.5
ENE	.2	.4	.9	.1								1.7	6.8
E	.0	.2	.3	.3								1.5	7.2
ESE	1.0	1.7	.2	.3	.1							3.3	5.3
SE	1.5	2.7	3.6	2.1								9.8	7.5
SSE	.9	2.0	2.0	1.5								6.4	7.2
S	.3	1.3	1.0	.4								3.1	7.3
SSW	.4	1.0	.9	2.6	.7	.2						5.8	11.6
SW	.2	1.2	1.6	2.5	.6							6.0	10.3
WSW	.0	2.3	2.5	3.7	1.5	.3						10.8	10.9
W	1.0	4.6	6.2	5.5	.8							18.1	9.3
WNW	.9	1.6	3.0	.3								6.4	7.1
NW	.7	.4	.4		.1							1.7	5.5
NNW	.1	.4	.7			.2						1.5	8.8
VARBL	1.9	2.8	3.5	3.1	.7	.3						12.3	9.2
CALM												3.3	
	11.4	25.7	30.6	23.4	4.4	1.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 896

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34095 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	1.9	.7								3.9	7.7
NNE	.1	.7	.9	.3								2.0	7.5
NE	.3	.2	.1	.3								1.0	7.3
ENE	.2	1.0	1.1	.2								2.6	7.0
E	.1	.6	.7	.2	.2							1.8	9.2
ESE	.4	1.1	.5	.3	.3							2.8	7.9
SE	1.1	4.4	3.0	2.0	.1							10.7	7.2
SSE	1.1	2.7	1.8	1.4	.1							7.1	7.1
S	.4	1.1	1.0	1.0	.3							3.9	8.5
SSW	.1	.3	.8	1.7	.7	.4						4.0	13.8
SW	.2	1.6	1.6	2.4	.9							6.5	10.6
WSW	.6	1.0	3.4	4.7	.9							10.1	10.8
W	1.2	5.5	7.9	5.7	.4	.4						21.1	9.2
WNW	.7	1.3	1.7	.4	.1							4.2	7.0
NW	.4	.2	.4	.4	.1							1.7	9.0
NNW	.2	.2	.3									.8	6.1
VARBL	.9	1.9	3.4	3.3	.9	.1						10.6	10.1
CALM												5.3	
	8.6	24.8	30.6	24.6	5.1	1.0						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 899

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34056 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(COND TION)

SPEED (KNTS) DIR.	1 - 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	.4	.4								2.0	7.3
NNE	.2	.6	1.3	.1								2.2	6.9
NE	.1	.2	.3	.4								1.1	8.8
ENE	.1	1.1	.4	.1								1.8	6.3
E	.2	.2	1.2	.2	.2							2.1	8.3
ESE	.9	1.0	.3	.6	.1							3.1	7.3
SE	1.7	4.0	2.2	2.9								10.8	7.1
SSE	.7	2.0	2.0	1.3								6.0	7.[illegible]
S	.9	.8	.7	.7								3.0	7.2
SSW	.4	1.0	1.2	1.6	.7	.4						5.0	11.1
SW	.3	.9	2.4	2.2	.4	.4						6.8	11.4
WSW	1.0	1.3	2.6	4.2	.8	.1	.1					10.1	10.7
W	1.3	6.6	7.8	5.9	.8	.1	.1					22.6	9.1
WNW	.3	2.2	1.4	.2								4.8	7.3
NW	.6	.6	.9	.4								2.4	7.5
NNW	.1	.6	.7	.3								1.7	7.7
VARBL	1.1	1.6	2.9	2.1	.6	.4						8.7	9.8
CALM												5.8	
	10.2	25.5	28.8	24.2	3.6	1.6	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 899

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	1.4	.5	.0	.0						3.0	7.9
NNE	.2	.4	1.0	.2								1.8	7.3
NE	.2	.6	.5	.2								1.4	6.8
ENE	.2	.7	.6	.2								1.6	7.1
E	.4	.4	.5	.4	.1							1.8	8.2
ESE	.8	1.1	.3	.5	.1							2.8	6.7
SE	1.4	3.7	2.9	2.1	.2							10.2	7.4
SSE	1.2	2.3	2.1	1.2	.0							6.8	6.9
S	.5	.8	1.0	.7	.2	.0						3.2	8.4
SSW	.2	.6	1.0	1.0	.6	.2	.0					4.2	12.1
SW	.3	1.1	2.4	2.6	.7	.2						7.5	10.9
WSW	.6	1.4	2.9	3.3	1.1	.2	.1					9.6	10.9
W	1.0	5.0	8.2	5.3	1.1	.3	.0	.0				20.9	9.5
WNW	.8	2.0	2.1	.5	.0							5.4	6.9
NW	.3	.6	.7	.3	.0							1.9	7.4
NNW	.2	.4	.4	.2	.0	.0						1.2	7.1
VARBL	1.1	2.1	4.0	3.3	.8	.4	.0					11.9	9.9
CALM												4.8	
	9.7	23.9	32.1	22.9	5.1	1.4	.1	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 7189

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AF/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.	1.5	1.3	.2								3.5	6.2
NNE	.1	.5	.6	.1								1.4	6.6
NE	.2	.8	.6	.2								1.8	7.2
ENE		.4	.7	.2								1.5	7.4
E	.1	.9	1.0	.8	.2							2.9	7.8
ESE	.6	2.7	3.2	1.3	.1							8.1	7.4
SE	2.0	2.9	6.1	4.0	.1							15.2	8.3
SSE	.9	1.4	3.0	1.1								6.3	7.3
S	.3	.6	.4	.4	.1							1.7	7.6
SSW	.3	.3	.5	.8								2.2	8.4
SW		1.9	1.2	1.9	.6	.1						5.8	10.1
WSW	.4	2.4	2.3	2.2	.5	.1						7.8	9.3
W	.8	4.9	8.1	2.7	.4							16.9	8.5
WNW	1.1	.5	2.0	1.3								4.9	8.0
NW	1.0	.5	.5	.9								2.9	6.8
NNW	.3	.5	.3	.3								1.5	6.7
VARBL	2.3	1.6	4.4	1.9	.							10.3	7.6
CALM												5.2	
	11.1	24.5	36.6	20.2	2.3	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 73-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.8	.9	.3								3.5	5.9
NNE	.3	.8	1.2	.3								2.6	7.0
NE	.4	.5	.8									1.7	5.8
ENE		.6	.4	.2								1.3	7.3
E		1.7	1.4	.4	.2							3.8	7.9
ESE	.8	3.5	2.3	1.0	.1							7.6	7.0
SE	1.4	4.5	4.6	3.8	.1							14.4	8.1
SSE	1.2	2.5	2.2	1.9								7.7	7.5
S	.9	.5	.6	.3	.2							2.6	7.3
SSW	.4	.3	.8	1.1	.2							2.8	10.1
SW	.4	1.1	1.1	1.8	.3							4.7	9.6
WSW	.8	1.7	2.8	1.7	1.0	.1						8.1	9.7
W	.9	4.8	8.4	4.0	.3	.2						18.6	8.7
WNW	1.0	1.6	1.0	.2								3.8	5.6
NW	.5	.2	.5	1.0								2.3	8.2
NNW	.2		.1	.3								.6	9.2
VARBL	1.1	1.8	3.4	1.8	.2							8.4	8.3
CALM												5.5	
	10.8	28.2	32.4	20.2	2.7	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.5	.4	.3								2.9	5.4
NNE		.6	1.2	.1								1.9	7.8
NE	.6	.6	.4	.2								1.9	5.7
ENE	.2	.4	.8	.4								1.8	6.1
E	.4	1.2	1.8	.8	.3							4.5	8.3
ESE	.6	1.9	3.8	1.6								8.0	8.1
SE	1.7	3.3	5.7	3.5	.4							14.7	8.2
SSE	1.3	2.9	1.9	1.7	.1							8.0	7.1
S	.8	.3	.4	.2	.1	.1						1.9	7.4
SSW	.3	.2	.3	.6	.5							2.2	11.7
SW	.2	.8	2.2	1.6	.1							4.8	9.8
WSW	1.0	1.6	1.9	1.8	.8							7.1	9.2
W	1.1	4.4	8.6	3.0	.6	.1						17.8	8.6
WNW	.5	1.1	1.8	.3	.1							3.9	7.1
NW	.2	.4	.5	.9								2.0	9.1
NNW	.1	.1	.3	.2								.8	8.1
VARBL	1.5	2.7	3.7	2.4	.2	.1						10.5	8.0
CALM												5.2	
	11.3	24.2	35.8	19.9	3.3	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34025 (STATION) HAHN AB/INNSBRUCK GERMANY (STATION NAME) 55-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.9	.1								2.0	5.9
NNE		.3	1.2	.4								1.9	6.8
NE	.1	.5	1.3	.1								2.0	7.8
ENE	.1	.1	1.0	.3								1.5	8.9
E	.4	.9	2.0	1.0								4.3	8.3
ESE		2.4	3.0	1.6								7.0	8.5
SE	.8	3.3	6.6	5.1	.4							16.1	9.2
SSE	1.3	1.9	3.0	1.4	.1							7.7	7.4
S	.3	.3	.3	.8	.1							1.8	9.1
SSW		.1	.2	.8	.2	.5						1.8	16.3
SW	.3	.6	1.1	1.8	.1	.1						4.1	10.5
WSW	.3	1.7	1.9	1.0	.2							5.8	9.1
W	.9	4.2	9.0	4.2	.9	.3						19.5	9.3
WNW	.2	1.6	1.2	.5								3.5	6.8
NW	.3	.5	1.3	.4								2.6	7.8
NNW		.2	.4									.6	7.0
VARBL	1.1	3.2	5.5	3.0	.5							13.3	8.5
CALM												4.2	
	6.6	22.7	39.9	23.1	2.6	1.0						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 68-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	1.2	.3								3.0	6.8
NNE		1.1	.5	.4								2.0	7.6
NE	.2	.8	1.2	.5								2.7	6.0
ENE		.3	.3	1.1								1.7	10.3
E	.4	1.2	2.4	1.0								4.9	8.1
ESE	.3	2.4	2.8	1.6								7.1	7.9
SE	1.0	4.3	5.9	4.3	.3							15.8	8.4
SSE	.6	1.2	2.6	1.0	.3							5.7	8.4
S	.2	.5	.6	.5								1.9	8.1
SSW	.2	.1	.3	.5								1.2	9.6
SW	.1	.4	.6	1.3	.3	.1						2.9	11.6
WSW	.3	.8	2.5	2.2	.5							6.2	10.3
W	1.6	3.9	8.4	4.1	1.4	.3						19.7	9.2
WNW	.9	1.6	2.2	1.0								5.6	7.2
NW	.5	.1	.6	.2								1.6	7.0
NNW	.4	.2	.3	.1								1.1	5.8
VARBL	2.2	3.9	4.2	3.2	.5							14.0	8.1
CALM												2.8	
	9.6	23.7	36.8	23.3	3.4	.6						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.3	1.4	.2								2.8	6.8
NNE	.3	.8	.3	.2								1.6	6.3
NE	.6	1.0	.6	.6								2.9	6.7
ENE	.4	1.0	1.2	.4								3.0	7.4
E	.9	1.7	1.9	.6								5.2	6.6
ESE	.6	1.7	3.0	.6								6.0	7.3
SE	1.2	3.3	5.9	5.2	.4							16.0	8.5
SSE	.5	1.4	1.9	1.8								5.7	8.3
S	.5	.8	.4	.5								2.3	7.1
SSW	.2	.2	.6	.5								1.6	8.3
SW	.4	.5	1.5	2.2	.4							5.1	10.6
WSW	.5	1.3	1.9	1.0	.1							5.5	8.7
W	1.6	4.6	8.0	4.4	.4	.1						19.1	8.[illegible]
WNW	1.0	1.8	1.8	.4	.1							5.2	6.6
NW	.3	.3	1.2	.2	.1							2.2	8.4
NNW	.2	.3	.3	.1		.1						1.1	7.8
VARBL	1.1	3.0	4.0	2.7	.3	.1						11.2	5.6
CALM												3.7	
	11.3	24.1	36.1	22.6	1.9	.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	1.3	.2								2.8	7.1
NNE	.2	.3	1.0	.3								1.9	8.1
NE	.4	.2	1.0	.2								1.8	7.2
ENE	.4	1.1	1.1	.1								2.7	6.2
E	.4	2.2	1.8	.5								4.9	6.8
ESE	.8	2.4	2.5	1.1	.2							6.9	7.6
SE	1.1	2.2	7.2	4.9	.2							15.6	9.2
SSE	.5	2.5	2.2	2.0								7.2	7.9
S		.9	.2	.4								1.5	7.6
SSW	.9	.4	.3	.0	.2	.1						2.7	8.4
SW	.4	.9	1.5	1.3	.5	.2						4.8	10.3
WSW	.5	1.4	2.5	2.4	.2							7.0	9.1
W	1.5	4.9	8.0	3.5	.4							18.4	8.3
WNW	1.1	1.5	2.0	.9								5.5	7.1
NW		.4	1.0	.3								1.7	8.6
NNW			.6	.3								1.0	9.9
VARBL	1.1	1.5	3.3	2.3	.8	.1						9.1	9.8
CALM												4.5	
	9.8	23.4	37.4	21.7	2.6	.5						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.4	.6	.3								2.7	6.4
NNE	.5	.9	.0									2.3	5.4
NE	.1	.2	.3	.4								1.1	6.4
ENE	.1	1.6	.5	.2								2.5	6.9
E	.4	1.7	1.6	.9								4.6	7.5
ESE	1.0	1.3	3.6	.6	.1							6.8	7.1
SE	2.0	2.7	5.3	4.6	.1							15.5	6.5
SSE	.8	2.0	2.0	1.4								6.8	7.9
S	.8	.3	.4	.2								1.7	5.6
SSW	.4	.4	.5	.6	.2							2.3	9.0
SW	.2	1.6	1.6	1.1	.5	.1						5.2	9.7
WSW	.8	1.9	2.0	1.7	.4							6.9	8.7
W	1.1	5.3	7.3	5.4	.3							19.4	8.7
WNW	.5	1.7	1.4	.9								4.5	7.5
NW	.2	.1	1.1	.1								1.5	7.7
NNW	.1	.4	.6	.3								1.5	7.9
VARBL	.3	2.2	4.2	2.2	.5							9.8	9.0
CALM												5.2	
	10.3	25.8	35.2	21.2	2.3	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	1.0	.3								2.9	6.3
NNE	.2	.7	.5	.2								1.9	7.2
NE	.3	.6	.8	.3								2.0	7.1
ENE	.2	.7	.8	.4								2.0	7.9
E	.4	1.4	1.7	.7	.1							4.4	7.7
ESE	.6	2.3	3.0	1.2	.1							7.2	7.7
SE	1.4	3.3	6.0	4.4	.3							15.4	8.6
SSE	.9	2.0	2.4	1.5	.1							6.9	7.7
S	.5	.5	.4	.4	.1	.0						1.9	7.5
SSW	.3	.3	.5	.7	.2	.1						2.1	10.1
SW	.3	1.0	1.3	1.6	.4	.1						4.7	10.2
WSW	.6	1.6	2.2	1.9	.5	.0						6.8	9.3
W	1.2	4.6	8.2	3.9	.6	.1						18.7	8.8
WNW	.8	1.4	1.7	.7	.0							4.6	7.0
NW	.4	.3	.9	.5	.0							2.1	7.9
NNW	.2	.2	.4	.2		.0						1.0	7.7
VARBL	1.4	2.5	4.1	2.4	.4	.1						10.8	8.4
CALM												4.5	
	10.1	24.6	36.3	21.5	2.6	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 7440

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34056 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-78 (YEARS) ALL (MONTH)

ALL WX TYPES (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.1	1.7	.3	.0	.1						5.0	6.0
NNE	.5	1.6	1.4	.3	.0							3.7	6.5
NE	.3	1.0	.9	.3	.0							2.6	6.8
ENE	.3	.8	1.2	.5	.0	.0	.0					2.8	7.5
E	.8	1.5	1.5	.6	.1	.0						4.5	6.8
ESE	1.3	1.9	1.4	.7	.1	.1						5.3	6.4
SE	1.8	3.3	3.6	1.7	.1	.2						10.4	7.2
SSE	1.2	2.0	2.0	.8	.0	.1						6.0	6.6
S	.6	.9	.7	.4	.0	.0						2.6	6.9
SSW	.3	.5	.7	.7	.1	.1	.0					2.4	9.2
SW	.3	1.2	1.5	1.3	.2	.1	.0					4.6	9.3
WSW	.6	1.9	2.5	1.7	.3	.1	.0					7.3	8.6
W	1.7	5.1	6.1	2.9	.4	.1	.0	.0				16.3	7.9
WNW	1.1	2.0	1.5	.4	.0	.0						5.0	6.1
NW	.6	1.1	.9	.3	.0	.0						3.1	6.4
NNW	.0	.8	.6	.2	.0	.0						2.1	5.7
VARBL	1.8	2.5	3.5	1.9	.2	.1	.0					10.0	7.7
CALM												6.2	
	14.7	30.3	31.9	14.8	1.7	.3	.0	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 86377

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 66-78 (YEARS) ALL (MONTH)

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

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, (CONDITION)

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.1	2.4	.6	.0	.						5.9	6.8
NNE	.3	1.2	1.6	.3	.0							3.5	7.1
NE	.3	.8	1.1	.4	.0							2.6	7.3
ENE	.2	.6	1.0	.4	.0							2.3	7.3
E	.3	.6	.8	.4	.0							2.4	7.0
ESE	.7	1.1	.9	.7	.1	.3						3.4	7.3
SE	1.0	2.3	3.5	2.0	.2	.0						9.0	6.0
SSE	.8	1.5	2.0	.8	.1							5.2	7.3
S	.4	.5	.6	.4	.0	.0						1.8	7.5
SSW	.2	.2	.5	.6	.1	.0	.0					1.6	10.2
SW	.2	.8	1.7	1.6	.3	.1	.0					4.7	10.3
WSW	.5	1.6	3.2	2.8	.5	.1	.0					8.7	9.8
W	1.3	5.9	9.4	5.5	.8	.1	.0	.0				23.1	8.9
WNW	1.0	2.3	2.3	.5	.1	.0						6.1	6.7
NW	.6	1.2	1.1	.4	.0	.0						3.4	6.7
NNW	.4	.8	.7	.2		.0						2.1	6.3
VARBL	1.4	1.9	3.5	2.5	.4	.1	.0					9.8	8.9
CALM												4.4	
	10.7	25.6	36.1	20.0	2.7	.3	.1	.0				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 22452

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

S74-27964

USAF ETAC
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34053 HILL AF/HILL GROUND RDY 60-78 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	7.0	7.4	8.3	10.4	10.4	10.7	11.6	14.0	12.5	12.6	12.6	2.6	13.3	13.6	14.1
≥ 2	8.1	8.5	9.4	11.6	11.8	12.0	12.7	13.1	13.2	13.3	13.3	13.4	14.5	14.8	15.0
≥ 1800	8.1	8.5	9.4	11.6	11.8	12.0	12.7	13.1	13.5	13.6	13.6	13.7	14.8	15.1	15.3
≥ 16000	8.4	8.8	9.7	11.9	12.1	12.3	12.8	13.2	13.7	13.8	13.8	13.9	14.8	15.1	15.3
≥ 14000	8.2	8.6	9.4	11.6	11.8	12.0	12.9	13.3	13.8	13.9	13.9	14.1	14.7	15.2	15.4
≥ 12000	8.2	8.6	9.4	11.6	11.8	12.0	13.1	13.5	14.0	14.1	14.1	14.3	14.9	15.4	15.6
≥ 10000	8.2	8.6	9.4	11.6	11.8	12.0	13.4	13.9	14.3	14.4	14.4	14.6	15.2	15.7	15.9
≥ 9000	8.2	8.6	9.4	11.6	11.8	12.0	13.4	14.0	14.4	14.5	14.5	14.7	15.4	15.9	16.1
≥ 8000	9.1	9.5	10.3	13.1	13.3	13.6	14.9	15.5	15.9	16.0	16.0	16.2	16.9	17.4	17.7
≥ 7000	9.4	9.8	10.7	13.4	13.6	13.9	15.3	15.8	16.3	16.4	16.4	16.7	17.3	17.8	18.0
≥ 6000	9.6	10.0	10.9	13.6	13.9	14.2	15.7	16.2	16.8	16.9	16.9	17.1	17.7	18.2	18.4
≥ 5000	10.3	10.8	11.6	14.3	14.6	14.9	16.9	17.4	18.0	18.1	18.1	18.3	19.0	19.5	19.7
≥ 4500	10.6	11.1	12.2	15.0	15.2	15.5	17.4	18.0	18.5	18.6	18.6	18.8	19.5	20.0	20.2
≥ 4000	11.7	12.2	13.4	16.1	16.4	16.7	19.5	20.1	21.2	21.3	21.3	21.5	22.2	22.7	23.1
≥ 3500	12.3	12.7	14.2	17.0	17.4	17.8	21.2	21.8	23.1	23.2	23.2	23.4	24.1	24.6	25.1
≥ 3000	13.9	14.5	16.2	20.0	20.4	20.8	24.0	24.6	26.0	26.1	26.1	26.3	27.0	27.5	27.9
≥ 2500	15.1	17.0	19.1	22.7	22.7	23.0	26.8	27.4	28.9	29.0	29.0	29.2	29.9	30.4	31.0
≥ 2000	18.7	19.6	21.8	25.7	25.7	27.7	29.9	30.5	32.0	32.1	32.1	32.4	33.0	33.5	34.1
≥ 1800	20.0	20.9	23.2	27.0	27.0	29.2	31.4	32.0	33.5	33.6	33.6	33.9	34.5	35.1	35.6
≥ 1500	24.4	25.3	28.2	32.4	32.4	34.8	37.1	37.7	39.2	39.4	39.4	39.7	40.3	40.9	41.4
≥ 1200	27.9	28.7	32.3	36.5	36.5	39.1	41.4	42.0	43.5	43.7	43.7	44.0	44.6	45.2	45.7
≥ 1000	31.9	32.8	36.8	40.9	41.0	43.9	46.1	46.8	48.5	48.6	48.6	49.0	49.7	50.2	50.8
≥ 900	32.2	33.1	37.3	42.5	42.6	45.7	48.0	48.6	50.3	50.5	50.5	50.9	51.6	52.2	52.7
≥ 800	32.7	33.6	38.3	44.3	44.4	47.7	50.2	50.9	52.7	52.9	52.9	53.4	54.2	54.8	55.4
≥ 700	33.4	35.3	40.4	46.6	46.9	50.6	53.1	53.8	55.6	55.8	55.8	56.1	56.9	57.4	57.9
≥ 600	34.4	36.3	41.5	48.0	48.3	52.2	55.8	56.6	58.4	58.6	58.6	58.9	59.7	60.2	60.8
≥ 500	34.8	36.9	42.5	51.4	51.4	55.3	59.4	60.3	62.3	62.5	62.5	62.8	63.5	64.1	64.6
≥ 400	35.3	37.6	43.1	53.4	53.7	57.8	62.6	63.9	65.9	66.1	66.1	66.4	67.3	67.9	68.4
≥ 300	35.7	38.0	44.1	55.1	55.3	61.9	66.1	68.3	71.2	71.4	71.4	72.0	72.8	73.3	73.9
≥ 200	35.8	38.2	44.3	55.7	55.9	63.3	68.1	70.6	74.1	74.3	75.2	75.8	77.1	78.0	78.5
≥ 100	35.8	38.2	44.7	56.3	56.6	64.5	69.5	72.4	76.5	77.1	78.2	79.7	83.9	86.2	94.4
≥ 0	35.8	38.2	44.7	56.3	56.6	64.5	69.5	72.4	76.5	77.1	78.4	79.8	84.1	89.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34035 (WAL-MART/MOUNTAIN GROVE) (STATION / STATION NAME) 9-7 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		6.0	6.1	6.3	7.4	7.7	8.0	10.2	10.2	10.2	10.2	10.2	10.4	10.4	11.1
≥ 20000		6.1	6.2	7.1	8.2	8.1	11.1	10.5	10.5	10.5	10.5	10.5	10.6	11.2	11.2
≥ 18000		6.2	6.3	7.3	8.4	8.4	11.4	10.9	10.9	10.9	10.9	10.9	11.1	11.3	11.3
≥ 16000		6.2	6.3	7.4	8.5	8.5	11.5	11.0	11.0	11.0	11.0	11.0	11.2	11.4	11.4
≥ 14000		6.2	6.3	7.4	8.5	8.5	11.5	11.0	11.0	11.0	11.0	11.0	11.2	11.4	11.4
≥ 12000		6.2	6.3	7.4	8.5	8.5	11.5	11.0	11.0	11.0	11.0	11.0	11.2	11.4	11.4
≥ 10000		6.6	6.7	7.7	9.4	9.4	12.4	11.8	11.8	11.8	11.8	11.8	12.0	12.2	12.2
≥ 9000		6.8	6.9	8.1	9.8	9.8	11.8	12.2	12.2	12.2	12.2	12.2	12.5	12.7	12.7
≥ 8000		7.4	7.5	8.8	10.3	10.3	12.4	12.9	12.9	12.9	12.9	12.9	13.2	13.4	13.4
≥ 7000		7.8	8.0	9.4	10.8	10.8	13.0	13.3	13.3	13.3	13.3	13.3	13.7	13.9	14.1
≥ 6000		8.1	8.2	9.5	11.3	11.3	13.3	14.0	14.0	14.0	14.0	14.0	14.3	14.5	14.7
≥ 5000		8.7	8.8	10.3	12.2	12.2	14.3	14.9	14.9	14.9	14.9	15.1	15.4	15.6	15.8
≥ 4500		9.4	9.5	11.0	12.8	12.8	14.9	15.6	15.6	15.6	15.6	15.7	16.0	16.2	16.4
≥ 4000		10.2	10.3	12.3	14.2	14.2	16.5	17.1	17.2	17.3	17.4	17.5	17.8	18.1	18.3
≥ 3500		10.8	11.0	13.0	15.0	15.0	17.6	18.0	18.8	18.9	19.0	19.1	19.5	19.8	20.0
≥ 3000		11.9	12.2	14.3	17.1	17.1	19.9	20.9	21.1	21.3	21.4	21.5	21.9	22.2	22.4
≥ 2500		13.0	13.3	15.5	18.4	18.4	21.5	22.5	22.7	22.9	23.0	23.1	23.4	24.1	24.3
≥ 2000		14.4	14.7	17.1	20.1	20.1	23.2	24.3	24.5	24.7	24.8	24.9	25.3	25.9	26.1
≥ 1800		15.7	16.0	18.3	21.3	21.3	24.5	25.6	25.8	26.0	26.1	26.3	26.7	27.3	27.5
≥ 1500		19.6	20.0	22.5	25.7	25.8	29.0	30.8	31.0	31.2	31.3	31.5	31.8	32.5	32.7
≥ 1200		23.8	24.3	26.9	31.1	31.3	35.2	36.3	36.8	37.1	37.3	37.5	37.8	38.5	38.7
≥ 1000		26.6	27.2	30.1	34.8	35.1	39.4	40.1	40.5	41.1	41.3	41.5	41.8	42.5	42.7
≥ 900		27.3	28.0	30.9	36.1	36.3	40.5	41.7	42.2	42.7	42.9	43.1	43.4	44.1	44.3
≥ 800		28.7	29.4	32.7	38.4	38.6	43.0	44.2	44.7	45.4	45.6	45.8	46.1	46.9	47.1
≥ 700		29.7	30.9	34.3	41.0	41.2	46.0	47.2	47.7	48.4	48.6	48.8	49.1	49.9	50.1
≥ 600		31.4	32.6	36.6	44.5	44.7	50.2	51.5	52.2	52.8	53.0	53.2	53.7	54.4	54.6
≥ 500		32.9	34.1	38.8	48.7	48.9	55.4	56.8	57.6	58.4	58.6	58.8	59.3	60.1	60.3
≥ 400		33.3	34.7	39.9	51.3	51.5	58.6	60.2	61.3	62.7	63.0	63.2	63.8	64.5	64.7
≥ 300		33.4	35.1	40.2	52.6	53.1	62.2	64.2	65.3	67.4	68.0	68.2	68.9	69.7	69.9
≥ 200		33.4	35.1	40.4	53.5	54.2	63.9	66.3	67.7	70.9	71.6	72.4	73.7	75.5	76.0
≥ 100		33.4	35.1	40.5	53.9	54.9	64.5	67.3	69.1	73.7	75.3	76.3	77.7	82.0	86.1
≥ 0		33.4	35.1	40.5	53.9	54.5	64.5	67.3	69.1	73.7	75.3	76.3	77.8	82.5	87.1

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 — WAHPETON/BRECKENRIDGE, N. DAK. — — —
STATION — STATION NAME — YEAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING		5.4	5.8	6.1	6.1	6.1	6.3	7.0	10.3	10.4	11.3	11.4	11.8	11.8	11.8
≥ 20000		6.8	6.8	7.4	7.4	7.4	10.4	10.4	11.5	11.6	11.6	11.6	12.3	12.3	12.3
≥ 18000		6.8	6.8	7.1	7.1	7.1	10.9	11.1	11.8	12.1	12.1	12.1	12.7	12.7	12.7
≥ 16000		6.8	6.8	7.4	7.4	7.4	10.9	11.2	11.9	12.2	12.2	12.2	12.9	12.9	12.9
≥ 14000		6.8	6.8	7.4	7.4	7.4	11.0	11.2	11.9	12.4	12.4	12.4	13.2	13.2	13.2
≥ 12000		6.8	6.8	7.4	7.4	7.4	11.0	11.2	11.9	12.4	12.4	12.4	13.2	13.2	13.2
≥ 10000		7.1	7.1	8.2	10.2	10.2	11.9	11.7	12.3	13.0	13.2	13.2	13.9	13.9	13.9
≥ 9000		7.1	7.3	8.9	10.9	10.9	11.9	12.1	12.9	13.3	13.5	13.5	14.3	14.3	14.3
≥ 8000		7.2	7.3	9.3	10.4	10.3	11.9	12.5	13.1	13.9	14.1	14.1	14.9	14.9	14.9
≥ 7000		7.9	8.4	10.3	11.4	11.3	13.2	13.4	14.0	14.8	14.9	14.9	15.6	15.6	15.6
≥ 6000		7.9	8.4	10.3	11.4	11.6	13.3	13.7	14.0	14.7	15.1	15.1	15.8	15.8	16.0
≥ 5000		7.9	9.1	11.1	12.3	12.2	14.4	15.1	15.8	16.5	16.8	16.8	17.5	17.5	17.7
≥ 4500		8.1	9.4	11.5	13.1	13.1	15.4	15.8	16.4	16.8	17.0	17.0	17.7	17.7	18.1
≥ 4000		10.3	10.3	12.6	14.3	14.3	16.5	17.1	18.0	18.2	18.4	18.4	19.1	19.1	19.7
≥ 3500		11.4	11.4	14.1	15.3	15.9	18.2	18.8	19.7	19.9	20.1	20.1	20.9	21.0	21.6
≥ 3000		12.9	12.9	15.1	16.9	16.9	19.5	20.1	21.2	21.4	21.6	21.6	22.5	23.1	23.7
≥ 2500		13.7	14.1	16.9	18.6	18.6	21.4	22.1	23.1	23.3	23.5	23.5	24.4	24.7	25.4
≥ 2000		17.1	17.4	19.7	22.1	22.3	25.1	25.7	26.8	27.1	27.3	27.3	28.3	28.6	29.1
≥ 1800		17.9	18.0	20.2	22.9	22.9	25.8	26.9	28.0	28.2	28.4	28.4	29.3	29.6	30.2
≥ 1500		21.3	22.3	24.9	27.6	27.7	30.5	31.3	32.5	32.8	33.1	33.1	34.0	34.3	35.0
≥ 1200		24.9	25.8	27.7	30.6	30.7	33.9	34.1	34.8	36.0	36.3	36.3	37.2	37.5	38.2
≥ 1000		25.9	26.9	29.8	32.6	32.9	36.3	36.5	37.1	38.5	38.8	38.8	39.7	40.0	41.2
≥ 900		26.9	27.9	30.7	34.3	34.4	37.8	38.3	39.0	40.4	40.7	40.7	41.6	42.0	42.7
≥ 800		28.3	29.6	32.5	36.7	36.8	40.9	41.2	42.0	43.4	43.7	43.7	44.6	45.0	45.7
≥ 700		29.9	31.1	34.2	38.6	38.9	43.2	43.5	44.2	46.0	46.3	46.3	47.1	47.5	48.2
≥ 600		30.7	32.3	35.7	41.4	41.5	46.1	46.5	47.5	49.3	49.6	49.6	50.4	51.2	52.0
≥ 500		31.3	33.0	38.1	44.7	44.8	49.4	50.7	51.7	53.8	54.1	54.1	55.1	55.8	56.5
≥ 400		31.6	34.1	38.9	46.6	46.7	51.9	53.8	54.8	57.7	58.0	58.0	59.3	60.1	61.0
≥ 300		32.0	34.6	39.5	49.5	49.7	55.0	58.3	59.6	63.2	63.7	64.3	65.4	66.2	67.1
≥ 200		32.4	35.2	40.3	50.6	50.8	57.3	60.8	62.9	67.4	68.4	69.3	71.2	72.3	73.5
≥ 100		32.4	35.2	40.3	50.6	50.8	57.5	61.4	63.8	69.6	71.2	72.3	74.6	79.0	84.1
0		32.4	35.2	40.3	50.6	50.9	57.6	61.5	63.9	69.9	71.4	72.9	75.0	80.3	85.6

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34059 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 57-71 YEARS — [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥5/16	≥¼	≥0
NO CEILING		6.9	6.2	7.4	9.1	9.1	9.5	10.3	11.5	12.0	12.4	12.7	12.8	12.7	13.1
≥ 20000		7.3	8.1	9.7	11.4	11.4	11.9	13.0	14.3	15.2	15.6	15.7	15.8	16.1	16.2
≥ 18000		7.9	8.6	9.9	11.6	11.6	12.2	13.2	14.6	15.5	15.7	16.1	16.1	16.5	16.7
≥ 16000		8.4	8.6	10.3	12.1	12.2	12.6	13.7	15.1	15.9	16.3	16.7	16.8	16.9	17.3
≥ 14000		8.4	8.6	10.3	12.3	12.3	12.8	13.9	15.2	16.1	16.6	16.7	16.9	17.1	17.5
≥ 12000		8.5	9.1	11.4	13.1	13.1	13.8	14.8	16.3	17.2	17.7	17.7	17.9	18.3	18.6
≥ 10000		8.5	9.7	11.5	13.4	13.2	13.9	14.9	16.5	17.3	17.7	18.0	18.1	18.5	19.1
≥ 9000		8.9	10.0	11.8	13.9	13.5	14.2	15.3	16.8	17.6	18.1	18.3	18.4	18.8	19.4
≥ 8000		10.1	10.8	12.2	14.1	14.1	14.7	15.8	17.3	18.2	18.7	18.9	19.1	19.7	20.2
≥ 7000		10.4	10.8	12.2	14.4	14.4	15.2	16.2	17.7	18.7	19.4	19.5	19.8	20.3	20.9
≥ 6000		10.8	11.1	12.9	14.8	14.8	15.6	16.8	18.3	19.2	19.9	20.1	20.3	20.9	21.4
≥ 5000		11.5	11.8	13.7	15.6	15.6	16.5	17.7	19.2	20.2	20.9	21.1	21.3	21.8	22.3
≥ 4500		11.7	12.0	13.9	15.9	15.8	16.7	18.0	19.5	20.4	21.1	21.3	21.5	22.0	22.7
≥ 4000		13.0	13.7	15.8	17.8	17.6	18.5	20.0	21.5	22.5	23.1	23.3	23.7	24.3	24.9
≥ 3500		13.4	14.1	15.9	18.0	17.8	18.7	21.7	23.2	24.2	24.8	25.1	25.4	26.0	26.7
≥ 3000		14.9	15.6	17.9	20.1	20.1	21.2	23.2	24.9	25.9	26.6	26.8	27.2	28.0	28.6
≥ 2500		15.7	16.3	18.2	21.7	21.7	23.1	25.4	27.1	28.1	28.7	28.9	29.4	30.1	30.8
≥ 2000		18.8	19.6	21.5	25.4	25.5	27.0	29.2	31.0	31.9	32.7	33.0	33.4	34.2	34.9
≥ 1800		19.8	21.1	23.1	27.0	27.1	28.6	30.9	32.7	33.7	34.4	34.7	35.2	35.9	36.7
≥ 1500		23.1	24.5	26.7	30.6	30.8	32.5	34.7	36.7	37.8	38.6	38.9	39.4	40.1	40.9
≥ 1200		27.3	29.0	31.5	35.5	35.6	37.4	39.7	41.7	43.0	43.8	44.1	44.5	45.3	46.3
≥ 1000		28.3	30.2	33.0	37.0	37.1	38.9	41.5	43.5	44.9	45.7	46.0	46.5	47.2	48.2
≥ 900		29.7	31.8	34.7	38.5	38.6	40.5	43.2	45.3	46.7	47.4	47.7	48.2	48.9	49.7
≥ 800		29.9	31.8	35.1	40.0	40.1	42.4	45.1	47.1	48.5	49.2	49.7	50.1	50.9	51.7
≥ 700		30.9	32.8	35.9	41.0	41.1	43.3	46.1	48.2	50.2	51.0	51.4	51.8	52.6	53.4
≥ 600		31.7	34.1	38.0	44.4	44.6	47.0	50.1	52.2	54.3	55.1	55.5	55.9	56.7	57.5
≥ 500		32.4	34.8	39.2	45.9	46.1	48.1	53.0	55.2	57.0	58.1	59.1	59.8	60.5	61.4
≥ 400		33.0	35.8	40.2	47.3	47.5	51.2	55.5	57.7	61.3	62.2	62.7	63.7	64.4	65.4
≥ 300		33.2	36.0	40.6	48.8	49.2	54.0	58.8	61.5	66.2	67.3	68.2	69.8	70.5	71.5
≥ 200		33.2	36.0	40.6	48.9	49.5	54.4	60.1	63.5	69.7	71.5	72.9	75.1	77.3	79.1
≥ 100		33.2	36.0	40.6	48.9	49.5	54.5	60.3	63.9	70.6	72.7	74.2	77.0	81.4	85.9
≥ 0		33.2	36.0	40.6	48.9	49.5	54.6	60.4	64.0	70.8	72.8	74.3	77.1	81.7	86.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

4
3

DATA PROCESSING AGENCY
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94053 — STATION NUMBER — MARK AFB/HUGHES AIRPORT — STATION NAME — MAY — MONTH — 1961-1966 — YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼
NO CEILING	6.1	6.8	7.5	9.4	10.5	11.3	11.3	11.7	11.8	11.9	12.1	12.1	11.9	12.1	12.3
≥ 20000	9.5	10.1	11.5	14.1	14.1	15.1	15.1	15.6	15.8	16.0	16.2	17.4	17.5	17.9	18.1
≥ 18000	9.7	10.4	11.9	14.3	14.4	15.9	16.8	17.3	17.3	17.5	17.5	17.7	17.8	18.1	18.4
≥ 16000	9.9	10.6	11.9	14.3	14.4	15.9	16.8	17.3	17.4	17.6	17.6	17.8	17.8	18.2	18.5
≥ 14000	10.3	10.9	12.7	15.1	15.2	16.7	17.3	17.8	18.3	18.5	18.5	18.7	18.9	19.3	19.7
≥ 12000	10.8	11.8	13.2	15.6	15.7	17.2	17.8	18.4	18.8	19.0	19.1	19.4	19.6	20.0	20.4
≥ 10000	11.9	12.8	14.3	16.8	16.9	18.5	19.0	19.6	19.7	19.9	20.0	20.1	20.4	20.9	21.3
≥ 9000	12.9	13.8	14.9	17.3	17.4	19.0	19.5	20.1	20.3	20.5	20.6	20.8	21.1	21.6	22.1
≥ 8000	12.9	13.9	15.4	18.1	18.3	19.9	20.5	21.2	21.5	21.7	21.8	22.0	22.3	22.9	23.4
≥ 7000	13.1	13.7	15.5	18.3	18.5	20.1	20.8	21.4	22.3	22.4	22.5	22.7	23.0	23.4	23.9
≥ 6000	13.2	13.8	15.6	18.4	18.6	20.2	20.9	21.5	22.4	22.6	22.7	22.9	23.1	23.5	24.0
≥ 5000	14.1	14.7	16.7	19.4	19.6	21.2	21.8	22.5	23.3	23.5	23.6	23.8	24.1	24.5	24.9
≥ 4500	14.3	14.9	16.9	19.6	19.8	21.4	22.0	22.7	23.7	23.9	24.0	24.2	24.4	24.9	25.4
≥ 4000	14.7	15.3	17.4	20.3	20.5	22.2	22.9	23.7	24.8	25.0	25.1	25.3	25.4	25.9	26.4
≥ 3500	15.9	16.5	18.9	21.5	21.7	23.3	24.1	24.8	25.8	26.0	26.2	26.5	26.7	27.1	27.6
≥ 3000	17.7	18.4	19.8	22.4	22.6	24.2	25.0	25.8	27.2	27.4	27.6	27.9	28.1	28.4	28.9
≥ 2500	19.4	20.0	22.7	25.6	26.0	27.7	28.6	29.4	30.3	30.5	30.8	31.0	31.1	31.5	31.9
≥ 2000	22.7	23.1	25.4	28.6	29.0	30.8	31.8	32.6	33.7	33.9	34.1	34.4	34.6	35.0	35.4
≥ 1800	23.2	24.4	26.8	30.1	30.2	32.3	33.2	34.0	35.1	35.3	35.5	35.8	36.0	36.4	36.8
≥ 1500	27.3	29.1	32.0	35.7	35.9	38.0	38.9	39.7	40.8	41.0	41.2	41.5	41.7	42.1	42.5
≥ 1200	32.4	34.2	37.8	41.6	42.0	44.6	45.7	46.6	47.6	47.8	47.9	48.2	48.3	48.8	49.1
≥ 1000	35.3	37.2	41.1	45.0	45.3	48.0	50.0	50.9	52.0	52.2	52.3	52.6	52.8	53.2	53.5
≥ 900	36.3	38.4	42.6	47.2	47.4	50.5	52.0	53.0	54.2	54.4	54.6	54.9	55.1	55.6	56.1
≥ 800	38.1	40.1	44.5	49.6	49.9	53.3	55.1	56.1	57.3	57.5	57.7	57.9	58.1	58.5	59.0
≥ 700	38.9	41.2	45.7	50.9	51.2	54.8	56.8	58.0	59.2	59.4	59.5	59.7	60.2	60.6	61.0
≥ 600	39.7	42.0	46.7	52.0	52.3	57.1	59.1	60.4	61.8	61.9	62.1	62.3	62.8	63.2	63.6
≥ 500	40.8	43.3	48.1	55.3	55.8	61.0	63.3	64.7	66.9	67.1	67.3	67.6	68.4	68.8	69.2
≥ 400	41.1	43.7	48.4	56.2	56.8	62.2	65.1	66.5	69.0	69.4	69.6	70.1	71.0	71.6	72.1
≥ 300	41.9	44.1	49.2	57.7	58.3	64.4	67.8	70.3	74.2	75.1	75.4	76.2	77.4	77.8	78.3
≥ 200	41.9	44.1	49.2	58.2	58.7	65.2	69.2	71.8	76.7	78.2	79.1	80.3	82.0	84.0	85.3
≥ 100	41.9	44.2	49.4	58.3	58.8	65.4	69.5	72.4	77.4	79.2	80.3	82.4	86.0	89.4	96.3
≥ 0	41.9	44.2	49.4	58.3	58.8	65.4	69.5	72.4	77.4	79.2	80.3	82.4	86.3	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9[illegible]6

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

DATA PROCESSING [illegible]
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

3402 [illegible] AFB, NEW MEXICO [illegible]
STATION NAME YEARS MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	0
NO CEILING		7.7	9.3	9.9	11.3	11.9	12.6	12.5	13.3	13.7	13.7	13.7	13.8	13.9	14.1
≥ 20000		12.3	12.8	14.3	15.2	15.5	15.4	17.1	18.1	18.8	19.1	19.1	19.2	19.4	19.7
≥ 8000		12.3	12.8	14.3	15.2	15.5	15.4	17.1	18.1	18.8	19.1	19.1	19.2	19.4	19.7
≥ 6000		12.3	12.8	14.4	15.3	15.5	15.5	17.2	18.3	19.2	19.5	19.5	19.7	19.9	20.2
≥ 4000		12.4	13.1	14.9	16.1	16.4	16.4	17.7	18.8	19.7	20.0	20.1	20.2	20.4	20.8
≥ 3000		12.7	13.4	15.1	16.4	16.7	16.8	17.9	19.0	19.8	20.2	20.4	20.5	20.7	21.1
≥ 2500		12.8	13.5	15.3	16.6	16.9	17.0	18.1	19.3	20.1	20.5	20.7	20.8	21.0	21.4
≥ 2000		12.9	13.7	15.7	16.9	17.2	17.3	18.5	19.9	20.9	21.4	21.6	21.7	21.9	22.4
≥ 1800		14.4	15.2	17.3	18.7	19.1	19.3	20.5	22.2	23.1	23.6	23.7	23.8	24.2	24.8
≥ 1500		14.9	15.7	17.9	19.4	19.9	20.2	21.3	23.0	23.9	24.4	24.6	24.7	25.1	25.7
≥ 1200		14.9	15.8	18.0	19.6	20.1	20.4	21.6	23.3	24.2	24.7	24.9	25.0	25.4	26.0
≥ 1000		15.2	16.1	18.3	19.9	20.4	20.7	21.9	23.6	24.5	25.0	25.2	25.3	25.7	26.3
≥ 900		15.8	16.7	18.9	20.5	21.0	21.2	22.4	24.1	25.0	25.5	25.7	25.8	26.2	26.8
≥ 800		17.2	17.7	20.2	21.7	22.2	22.4	23.7	25.4	26.3	26.8	27.0	27.1	27.5	28.1
≥ 700		18.2	18.8	21.2	22.7	23.2	23.4	24.8	26.6	27.7	28.1	28.3	28.4	28.8	29.4
≥ 600		21.1	22.1	24.4	25.9	26.4	26.7	28.3	29.9	31.0	31.4	31.6	31.8	32.2	32.8
≥ 500		23.7	24.7	27.3	29.2	29.7	30.0	31.6	33.3	34.3	34.8	34.9	35.0	35.5	36.1
≥ 400		25.5	26.7	29.6	31.8	32.3	32.6	34.3	36.0	37.1	37.6	37.7	37.8	38.4	39.1
≥ 300		26.9	27.9	30.8	33.2	33.8	34.0	35.8	37.6	38.8	39.4	39.6	39.7	40.3	41.0
≥ 200		28.3	30.0	34.0	37.4	37.9	38.4	40.3	42.1	43.3	43.7	43.9	44.0	44.6	45.4
≥ 100		32.4	34.2	38.1	41.9	42.4	44.0	45.6	47.5	48.9	49.4	49.6	49.8	50.2	51.0
≥ 0		36.9	38.8	42.9	47.3	47.7	49.4	51.9	53.9	55.4	55.9	56.2	56.4	56.8	57.7

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	0
≥ 900		36.9	38.8	42.9	47.3	47.7	49.4	51.9	53.9	55.4	55.9	56.2	56.4	56.8	57.7
≥ 800		38.9	40.8	45.4	50.3	50.7	52.6	55.8	57.9	59.4	59.8	60.2	60.4	61.2	62.1
≥ 700		39.4	42.2	46.9	52.3	52.8	54.9	58.0	60.2	61.9	62.3	62.4	62.6	63.4	64.5
≥ 600		41.2	43.3	48.4	54.3	54.7	56.8	61.0	63.2	65.0	65.4	65.7	65.9	66.8	67.7
≥ 500		43.9	46.0	49.5	56.3	56.8	59.1	64.3	66.8	69.6	70.3	70.5	70.7	71.5	72.4
≥ 400		44.7	46.8	50.4	58.1	58.6	61.0	67.6	70.4	73.7	74.4	74.6	74.8	75.6	76.5
≥ 300		45.7	48.0	50.7	58.9	59.4	61.8	69.8	73.0	77.3	78.1	78.3	78.5	79.5	80.1
≥ 200		45.7	48.0	50.7	59.0	59.5	61.9	70.8	74.2	79.8	81.2	81.4	82.8	84.1	85.3
≥ 100		45.7	48.0	50.7	59.0	59.5	61.9	71.0	74.6	80.5	82.1	83.1	84.5	87.6	89.5
≥ 0		45.7	48.0	50.7	59.0	59.5	61.9	71.0	74.6	80.5	82.1	83.1	85.0	87.8	90.4

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING OFFICE
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34025 [illegible] STATION NAME [illegible] YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥	≥	≥	≥	≥	2 5/8	≥	≥0
NO CEILING		10.5	10.8	11.5	12.	13.1	[illegible]	15.1	15.7	16.5	16.	16.	16.	16.	16.	17.
≥ 20000		12.9	13.1	14.0	15.	15.9	[illegible]	18.3	19.1	19.9	20.	20.	20.	20.	20.	[illegible]
≥ 18000		13.2	13.4	14.3	15.	16.2	[illegible]	18.5	19.5	21.2	20.	20.	20.	20.	20.	21.
≥ 16000		13.2	13.4	14.3	15.	16.2	[illegible]	18.6	19.5	21.2	20.	20.	20.	20.	20.	21.
≥ 14000		13.3	13.5	14.4	15.	16.3	[illegible]	18.9	19.8	21.5	20.	20.	21.	21.	21.	21.
≥ 12000		13.5	13.7	14.6	15.	16.7	[illegible]	19.2	20.1	21.9	21.	21.	21.	21.	21.	21.
≥ 10000		14.2	14.5	15.2	17.	17.5	[illegible]	20.3	21.2	21.9	22.	22.	22.	22.	22.	22.
≥ 9000		14.7	15.1	16.0	17.	18.1	[illegible]	21.9	21.7	22.5	22.	22.	22.	22.	22.	23.
≥ 8000		15.9	15.6	16.5	18.	18.9	[illegible]	21.8	22.7	23.9	24.	24.	24.	24.	24.	24.
≥ 7000		15.9	15.8	16.8	18.	19.1	[illegible]	22.0	22.9	24.1	24.	24.	24.	24.	24.	25.
≥ 6000		15.6	15.9	17.1	19.	19.8	[illegible]	22.7	23.5	24.7	24.	24.	25.	25.	25.	25.
≥ 5000		16.3	16.7	17.9	20.	20.5	[illegible]	23.7	24.5	25.7	25.	25.	26.	26.	26.	26.
≥ 4500		17.9	17.4	18.5	21.	21.2	[illegible]	24.3	25.2	26.3	26.	27.	26.	26.	26.	27.
≥ 4000		18.2	18.0	19.9	22.	22.7	[illegible]	25.9	26.8	28.0	28.	28.	28.	28.	28.	29.
≥ 3500		20.1	20.2	21.8	24.	24.8	[illegible]	28.1	28.9	30.1	30.	30.	30.	30.	30.	31.
≥ 3000		21.4	21.8	23.4	26.	26.5	[illegible]	29.8	30.6	31.8	32.	32.	32.	32.	32.	33.
≥ 2500		23.7	24.1	25.9	29.	29.5	[illegible]	32.8	33.7	34.8	35.	35.	35.	35.	35.	35.
≥ 2000		26.1	26.9	28.9	32.	32.6	[illegible]	36.1	37.0	38.2	38.	38.	38.	38.	38.	39.
≥ 1800		26.7	27.4	29.5	33.	33.2	[illegible]	37.0	37.8	39.0	39.	39.	39.	39.	39.	41.
≥ 1500		30.4	31.4	34.1	38.	38.2	[illegible]	41.9	42.9	44.1	44.	44.	44.	44.	44.	45.
≥ 1200		34.7	35.7	38.4	43.	43.4	[illegible]	47.5	48.5	49.7	49.	49.	50.	50.	50.	51.
≥ 1000		37.7	38.6	42.0	46.	47.1	[illegible]	51.2	52.2	53.5	53.	53.	54.	54.	54.	54.
≥ 900		38.9	39.6	43.1	46.	48.4	[illegible]	52.9	53.9	55.3	55.	55.	55.	55.	55.	57.
≥ 800		39.9	41.2	45.2	50.	51.2	[illegible]	56.2	57.5	58.9	59.	59.	59.	59.	59.	60.
≥ 700		41.5	42.8	47.2	53.	53.8	[illegible]	59.0	60.4	61.8	62.	62.	62.	62.	62.	63.
≥ 600		42.4	43.9	48.7	55.	56.2	[illegible]	62.0	63.4	64.9	65.	65.	65.	65.	65.	66.
≥ 500		43.7	44.3	49.9	58.	58.7	[illegible]	65.2	67.2	69.2	69.	69.	70.	70.	70.	70.
≥ 400		43.1	44.6	50.1	59.	59.8	[illegible]	68.1	70.5	72.8	73.	73.	73.	73.	73.	74.
≥ 300		43.1	44.6	50.2	59.	60.1	[illegible]	69.7	72.9	75.5	75.	76.	76.	76.	76.	77.
≥ 200		43.1	44.7	50.3	60.	61.2	[illegible]	71.5	75.2	78.8	80.	80.	81.	83.	83.	84.
≥ 100		43.2	44.8	50.4	60.	61.3	[illegible]	72.4	76.6	82.3	83.	84.	85.	88.	89.	90.
≥ 0		43.2	44.8	50.5	60.	61.4	[illegible]	72.5	76.7	82.4	83.	84.	85.	88.	90.	100.

TOTAL NUMBER OF OBSERVATIONS 930

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

3

USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] AT/MIDNIGHT/0000 LOCAL TIME

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ⅞	≥ ¾	≥ ½	≥ 0
NO CEILING	11.9	11.9	11.9	13.1	13.1	13.1	14.4	14.8	15.3	15.3	15.3	15.3	15.4	15.4	15.4
≥ 20000	12.7	12.8	13.8	14.7	14.7	14.7	16.8	17.4	17.7	17.7	17.7	17.7	18.1	18.2	18.2
≥ 8000	12.9	12.8	13.8	14.7	14.7	14.7	16.9	17.5	17.8	17.8	17.8	17.8	18.2	18.4	18.4
≥ 6000	12.9	12.8	13.8	14.7	14.7	14.7	16.9	17.5	17.8	17.8	17.8	17.8	18.2	18.4	18.4
≥ 4500	13.2	12.8	13.8	14.8	14.8	14.8	17.1	17.7	18.1	18.1	18.1	18.1	18.4	18.6	18.6
≥ 4000	13.4	12.8	13.9	15.1	15.1	15.1	17.3	17.8	18.2	18.2	18.2	18.2	18.5	18.7	18.7
≥ 3500	13.9	13.2	14.1	15.1	15.1	15.1	17.5	18.0	18.5	18.5	18.5	18.5	18.8	19.0	19.0
≥ 3000	14.1	13.3	14.2	15.2	15.2	15.2	17.6	18.1	18.6	18.6	18.6	18.6	18.9	19.1	19.1
≥ 2500	17.3	14.1	15.1	17.5	17.5	17.5	19.9	20.5	21.0	21.0	21.0	21.0	21.3	21.5	21.5
≥ 2000	17.3	14.1	15.1	17.5	17.5	17.5	20.0	20.6	21.0	21.0	21.0	21.0	21.3	21.5	21.5
≥ 1800	18.1	14.3	15.4	18.0	18.0	18.0	20.4	21.1	21.4	21.4	21.4	21.4	21.7	21.9	21.9
≥ 1500	18.9	15.3	16.5	19.1	19.1	19.1	21.7	22.4	22.7	22.7	22.7	22.7	23.0	23.2	23.2
≥ 1200	19.1	15.5	16.8	19.5	19.5	19.5	22.2	22.8	23.1	23.1	23.1	23.1	23.4	23.6	23.6
≥ 1000	19.9	16.2	18.3	20.9	20.9	20.9	23.7	24.4	24.8	24.8	24.8	24.8	25.2	25.5	25.5
≥ 900	17.1	17.5	19.7	21.4	21.8	21.8	25.3	26.1	26.8	26.8	26.8	26.8	27.4	27.7	27.7
≥ 800	18.7	19.4	21.1	23.1	23.9	23.9	27.3	28.4	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥ 700	20.4	22.3	24.9	27.4	27.4	27.4	31.1	32.2	32.8	32.8	32.8	32.8	33.1	33.4	33.4
≥ 600	24.7	25.3	27.4	30.4	30.4	30.4	34.2	35.2	35.9	35.9	35.9	35.9	36.2	36.7	37.1
≥ 500	25.9	26.7	28.8	31.9	31.9	32.4	36.8	38.8	37.5	37.5	37.5	37.5	38.3	38.7	39.1
≥ 450	27.4	29.4	32.4	35.4	35.9	36.5	40.0	41.0	41.8	41.8	41.8	41.8	42.6	43.0	43.3
≥ 400	32.9	33.5	36.5	40.4	41.0	44.1	45.5	46.5	47.3	47.3	47.3	47.3	48.1	48.5	48.9
≥ 350	36.7	36.7	40.0	44.0	44.8	48.2	49.7	50.8	51.7	51.7	51.7	51.7	52.5	52.9	53.4
≥ 300	36.9	37.4	40.5	45.0	45.8	49.1	50.6	51.7	52.7	52.7	52.7	52.7	53.6	54.0	54.4
≥ 250	38.5	39.1	43.3	48.7	48.7	52.3	53.9	54.9	55.9	55.9	55.9	55.9	56.8	56.7	57.1
≥ 200	39.9	40.3	44.4	50.0	50.9	54.5	56.3	57.4	58.4	58.4	58.4	58.4	59.1	59.6	60.1
≥ 150	40.3	41.2	46.1	53.2	53.2	57.7	60.2	61.5	62.7	62.8	62.8	62.8	63.1	63.5	64.0
≥ 100	41.7	42.3	47.3	55.5	55.6	60.8	63.5	65.1	66.2	66.3	66.3	66.3	66.7	67.1	67.5
≥ 50	41.7	42.7	48.1	57.1	57.2	62.8	65.8	67.4	68.7	68.8	68.8	68.8	69.2	69.7	70.1
≥ 0	41.9	42.8	48.3	58.2	58.3	64.5	68.0	71.0	73.3	73.7	73.7	73.7	74.2	74.6	75.1
	41.9	43.0	48.6	59.2	59.4	65.8	70.3	73.8	77.6	78.4	78.9	79.1	81.1	81.7	82.4
	41.9	43.0	48.6	59.2	59.4	66.0	71.3	74.7	79.1	80.2	81.2	83.5	86.9	89.9	92.6
	41.9	43.0	48.6	59.2	59.4	66.0	71.3	74.7	79.1	80.2	81.2	83.5	87.3	90.8	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

DATA PROCESSING [illegible]
USAF ETAC
AIR WEATHER SERVICE/ [illegible]

CEILING VERSUS VISIBILITY

34055 STATION — HAHN AB/HQ 35TH [illegible] STATION NAME — [illegible] — [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	0	≥5/8	≥½	≥¼	0
NO CEILING		7.4	7.7	8.4	10.2	11.2	11.3	11.4	12.4	12.8	12.4	12.4	12.4	12.8	13.2	13.7
≥ 20000		9.4	9.7	10.4	12.2	12.3	12.4	12.4	13.4	13.8	13.4	13.4	13.4	13.8	14.2	14.7
≥ 18000		9.4	9.8	11.1	12.4	12.7	12.9	14.0	15.2	15.7	15.4	15.4	15.4	15.8	16.4	17.0
≥ 16000		9.4	9.8	11.2	12.4	12.8	13.0	14.7	15.3	15.9	16.0	16.0	16.0	16.4	17.0	17.6
≥ 14000		9.8	10.1	11.4	13.0	13.1	13.2	15.0	15.7	16.2	16.4	16.4	16.4	16.8	17.4	17.9
≥ 12000		10.0	10.3	11.6	13.2	13.3	13.5	15.3	16.0	16.5	16.7	16.7	16.7	17.2	17.8	18.4
≥ 10000		10.4	10.7	12.0	13.7	13.9	14.1	15.9	16.7	17.2	17.4	17.4	17.4	17.9	18.4	19.0
≥ 9000		10.4	11.0	12.4	14.2	14.3	14.5	16.3	17.1	17.6	17.8	17.8	17.8	18.4	18.9	19.5
≥ 8000		11.3	11.7	13.1	15.0	15.2	15.3	17.4	18.2	18.9	19.1	19.1	19.1	19.7	20.3	21.0
≥ 7000		11.4	11.8	13.2	15.3	15.5	15.6	17.7	18.5	19.3	19.5	19.5	19.5	20.1	20.8	21.5
≥ 6000		11.8	12.2	13.6	15.7	15.9	16.2	18.1	18.9	19.6	19.8	19.8	19.8	20.4	21.1	21.8
≥ 5000		12.5	12.9	14.3	16.4	16.6	16.8	19.1	20.0	20.7	20.9	20.9	20.9	21.6	22.3	23.0
≥ 4500		12.8	13.2	14.9	17.1	17.2	17.4	19.9	20.8	21.5	21.8	21.8	21.8	22.5	23.2	23.9
≥ 4000		13.0	14.4	16.2	18.4	18.6	18.8	21.2	22.0	22.9	23.2	23.2	23.2	23.9	24.7	25.4
≥ 3500		14.9	15.4	17.2	19.4	19.9	20.4	22.8	23.6	24.5	24.7	24.9	25.1	25.8	25.4	27.4
≥ 3000		16.4	17.1	18.9	21.3	21.7	22.4	24.4	25.2	25.7	26.4	27.1	27.3	27.7	28.4	29.1
≥ 2500		18.9	19.8	21.2	24.1	24.2	25.1	27.5	28.4	29.4	29.6	29.7	30.0	30.5	30.4	31.4
≥ 2000		21.7	21.7	23.4	27.1	27.1	28.2	30.6	31.6	32.5	32.8	32.8	33.2	33.7	34.4	34.4
≥ 1800		22.7	22.8	25.1	28.3	28.4	31.3	32.0	32.9	33.9	34.1	34.3	34.6	35.1	35.9	35.9
≥ 1500		25.6	26.7	29.4	32.4	33.1	33.3	36.8	37.8	38.8	39.1	39.2	39.5	40.1	40.9	41.6
≥ 1200		29.3	30.3	33.7	37.7	37.9	41.4	42.3	43.4	44.1	44.4	44.7	44.9	45.3	45.8	45.8
≥ 1000		32.1	33.4	36.8	41.1	41.3	44.4	45.7	46.7	47.6	48.2	48.4	48.7	49.2	49.8	50.2
≥ 900		32.9	34.2	37.9	42.5	42.7	46.0	47.3	48.4	49.7	50.3	50.5	50.8	51.4	51.9	51.9
≥ 800		34.2	35.6	39.5	44.3	45.1	48.3	50.2	51.4	52.7	53.4	53.7	54.0	54.7	54.4	55.1
≥ 700		35.3	37.0	41.1	46.3	47.0	50.5	52.5	53.7	55.2	55.9	56.4	56.9	57.6	57.1	57.8
≥ 600		36.3	38.2	42.5	48.4	49.6	53.0	55.3	57.1	58.7	59.4	59.9	60.5	61.2	60.8	61.6
≥ 500		37.1	39.2	44.2	51.2	52.2	56.0	59.5	61.1	63.1	63.8	64.3	64.9	65.6	65.2	65.9
≥ 400		37.8	39.8	44.9	53.4	54.3	58.4	62.3	64.1	66.5	67.3	67.8	68.3	69.2	68.7	69.4
≥ 300		37.9	40.3	45.4	55.0	55.4	61.9	65.4	67.7	71.0	71.9	72.4	72.7	73.4	74.1	74.8
≥ 200		37.9	40.4	45.8	55.7	56.1	63.0	67.2	70.1	74.5	75.8	76.4	77.0	78.2	80.3	81.1
≥ 100		37.9	40.4	45.7	55.8	56.3	63.4	67.9	70.9	76.2	77.9	78.9	80.0	84.4	87.7	95.1
0		37.9	40.4	45.7	55.8	56.3	63.4	67.9	71.0	76.3	77.7	79.0	80.2	84.9	88.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 STATION — HAHN, AB/AUTOBAHN STATION NAME — [illegible] PERIOD — [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥	≥	≥	≥	≥	≥5/16	≥	≥
NO CEILING		16.4	17.1	17.7	21.2	[illegible]	[illegible]	[illegible]	24.8	25.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000		17.0	18.4	19.1	22.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000		17.4	18.8	19.5	23.1	[illegible]	[illegible]	[illegible]	[illegible]	27.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000		17.7	19.3	20.0	23.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000		17.9	19.4	20.1	23.9	[illegible]	[illegible]	[illegible]	27.9	27.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000		18.6	20.1	20.9	24.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000		19.6	21.3	22.0	25.9	[illegible]	[illegible]	[illegible]	29.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000		19.6	21.3	22.0	25.9	[illegible]	[illegible]	[illegible]	30.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000		20.4	22.2	22.9	27.0	[illegible]	[illegible]	[illegible]	31.3	31.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000		20.8	22.5	23.2	27.4	[illegible]	[illegible]	[illegible]	31.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000		21.3	22.9	23.8	28.2	[illegible]	[illegible]	[illegible]	32.7	33.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000		22.2	23.8	24.7	29.3	[illegible]	[illegible]	[illegible]	34.2	34.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500		22.5	24.1	24.9	29.7	[illegible]	[illegible]	[illegible]	34.5	34.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000		24.6	26.2	27.3	32.4	[illegible]	[illegible]	[illegible]	37.6	37.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500		26.4	28.1	29.2	34.4	[illegible]	[illegible]	[illegible]	39.6	39.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000		28.3	30.1	31.3	36.5	[illegible]	[illegible]	[illegible]	42.3	42.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500		30.4	32.3	33.5	39.1	[illegible]	[illegible]	[illegible]	45.0	45.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000		34.4	36.4	37.9	43.7	[illegible]	[illegible]	[illegible]	49.9	50.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800		34.9	36.9	38.4	44.2	[illegible]	[illegible]	[illegible]	50.1	50.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500		36.4	38.5	40.2	46.7	[illegible]	[illegible]	[illegible]	53.4	53.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200		39.2	41.5	43.9	51.7	[illegible]	[illegible]	[illegible]	59.0	59.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000		40.1	42.3	45.6	54.5	[illegible]	[illegible]	[illegible]	62.6	63.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900		40.9	43.1	46.5	55.7	[illegible]	[illegible]	[illegible]	64.2	65.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800		41.8	44.4	47.8	57.1	[illegible]	[illegible]	[illegible]	65.8	66.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700		42.1	44.8	48.1	57.6	[illegible]	[illegible]	[illegible]	67.1	68.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600		42.3	45.0	48.6	58.4	[illegible]	[illegible]	[illegible]	69.0	70.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500		42.8	45.6	49.5	60.0	[illegible]	[illegible]	[illegible]	71.6	73.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400		42.9	46.2	50.1	61.1	[illegible]	[illegible]	[illegible]	73.5	75.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300		43.0	46.5	51.3	61.6	[illegible]	[illegible]	[illegible]	75.4	77.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200		43.0	46.5	51.4	62.1	[illegible]	[illegible]	[illegible]	75.6	80.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100		43.0	46.5	51.5	62.3	[illegible]	[illegible]	[illegible]	77.5	81.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0		43.0	46.5	51.5	62.3	[illegible]	[illegible]	[illegible]	77.5	81.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	¾	½	¼	0	
NO CEILING		12.9	14.7	16.0	18.0	18.1	1 .3	20.8	21.7	22.6	22.4	23.1	23.7	23.7	23.7	
≥ 20000		13.2	15.0	16.3	18.4	18.6	1 .7	21.3	22.2	23.0	23.1	23.6	24.2	24.2	24.2	
≥ 18000		13.2	15.1	16.4	18.7	18.8	2 .0	21.5	22.5	23.3	23.4	23.9	24.5	24.5	24.5	
≥ 16000		13.4	15.2	16.5	18.8	18.9	2 .1	21.6	22.6	23.4	23.5	24.0	24.6	24.6	24.6	
≥ 14000		13.5	15.4	16.7	19.1	19.1	2 .3	21.9	22.8	23.6	23.7	24.2	24.8	24.8	24.8	
≥ 12000		13.7	15.6	16.9	19.3	19.4	2 .6	22.3	23.3	24.2	24.3	24.7	25.3	25.3	25.3	
≥ 10000		13.9	16.0	17.3	19.6	19.7	2 1.2	22.7	23.8	24.7	24.8	25.2	25.8	25.8	25.8	
≥ 9000		14.1	16.2	18.0	20.3	20.4	2 1.3	23.4	24.3	25.4	25.5	25.9	26.5	26.5	26.5	
≥ 8000		15.2	17.5	18.8	21.3	21.5	2 2.8	24.7	25.7	26.7	26.8	27.3	27.9	27.9	27.9	
≥ 7000		15.5	18.0	19.3	21.7	22.0	2 3.4	25.4	26.4	27.4	27.5	28.0	28.6	28.6	28.6	
≥ 6000		15.5	18.0	19.3	21.7	22.0	2 3.4	25.5	26.5	27.5	27.6	28.1	28.7	28.7	28.7	
≥ 5000		15.8	18.3	19.7	22.3	22.6	2 4.0	26.2	27.2	28.3	28.4	28.9	29.5	29.5	29.5	
≥ 4500		16.1	18.6	20.0	22.6	22.9	2 4.2	26.5	27.4	28.5	28.6	29.1	29.7	29.7	29.7	
≥ 4000		18.3	20.8	22.5	25.2	25.4	2 7.0	29.7	30.8	31.7	31.8	32.3	32.9	32.9	32.9	
≥ 3500		20.1	22.7	24.5	27.1	27.3	2 8.8	31.8	32.7	33.8	34.0	34.5	34.4	34.4	34.4	
≥ 3000		21.7	24.3	26.2	28.8	29.1	3 .9	33.8	34.9	36.1	36.3	36.8	37.4	37.4	37.4	
≥ 2500		22.9	25.5	27.3	30.4	30.6	3 2.6	35.6	36.8	37.8	38.0	38.4	39.0	39.0	39.0	
≥ 2000		25.2	27.8	30.4	33.6	34.0	3 6.4	39.5	40.5	41.7	41.8	42.3	42.9	43.0	43.0	
≥ 1800		26.4	29.0	31.9	35.3	35.6	3 7.3	41.4	42.6	43.7	44.1	44.7	44.9	45.1	45.1	
≥ 1500		29.1	31.9	35.0	39.4	39.8	4 1.4	45.5	46.7	48.0	48.3	48.9	49.1	49.4	49.4	
≥ 1200		31.1	34.3	37.6	43.1	43.5	4 6.9	50.0	51.3	52.6	53.0	53.7	54.0	54.1	54.1	
≥ 1000		31.9	35.2	38.8	45.6	46.0	4 9.6	53.0	54.3	55.8	56.2	56.9	57.2	57.3	57.3	
≥ 900		32.6	35.9	39.5	46.9	47.4	5 1.3	54.5	55.8	57.3	57.7	58.4	58.7	58.9	58.9	
≥ 800		33.6	37.2	41.1	48.9	49.4	5 3.3	56.5	57.8	59.3	59.7	60.4	60.8	61.0	61.0	
≥ 700		33.9	37.7	42.1	50.7	51.2	5 5.9	59.2	60.6	62.4	63.1	63.8	64.2	64.3	64.3	
≥ 600		35.0	39.0	43.7	53.1	53.5	5 8.5	62.2	64.1	65.8	66.4	67.1	67.6	67.7	67.7	
≥ 500		36.2	40.4	45.2	54.8	55.7	6 1.5	65.2	67.3	69.5	70.1	70.8	71.4	71.6	71.7	71.7
≥ 400		36.6	41.0	46.2	56.4	57.2	6 2.6	68.1	70.4	73.6	74.3	74.9	75.7	76.1	76.2	
≥ 300		36.8	41.0	46.2	57.1	57.9	6 3.1	70.1	72.7	77.2	78.3	79.5	79.4	80.0	80.1	
≥ 200		36.9	41.1	46.3	57.7	58.6	6 3.3	72.0	75.1	80.9	81.8	82.4	83.2	85.1	85.3	
≥ 100		36.9	41.1	46.5	57.8	59.7	67.0	72.9	78.9	83.2	84.4	85.1	87.4	89.2	93.3	
≥ 0		36.9	41.1	46.5	57.8	59.7	67.0	72.9	78.8	83.2	84.4	85.1	87.4	89.7	94.0	

TOTAL NUMBER OF OBSERVATIONS 8460

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	10	9	8	7	6	5	4	3	2½	2	1½	1¼	1	½	< ½
NO CEILING		11.3	11.7	12.5	14.7	15.2	15.4	15.7	16.3	17.7	18.0	18.2	18.4	18.6	18.8	19.0
≥ 20000		12.3	12.8	13.2	15.2	16.1	16.3	16.6	16.8	18.2	18.5	18.7	18.9	19.1	19.3	19.5
≥ 18000		12.4	12.8	13.4	15.7	16.2	16.4	16.7	17.2	18.4	18.7	18.9	19.1	19.3	19.5	19.7
≥ 16000		12.5	12.8	13.5	15.7	16.2	16.4	16.7	17.2	18.4	18.7	18.9	19.1	19.3	19.5	19.7
≥ 14000		12.6	12.9	13.5	15.8	16.3	16.5	16.8	17.3	18.5	18.8	19.0	19.2	19.4	19.6	19.8
≥ 12000		12.9	13.4	13.8	16.2	17.0	17.2	17.6	18.2	19.5	19.8	20.0	20.2	20.4	20.6	20.8
≥ 10000		13.1	13.5	14.2	16.7	17.6	17.8	18.1	18.7	20.0	20.3	20.5	20.7	20.9	21.1	21.3
≥ 9000		13.5	13.8	14.7	17.2	18.1	18.3	18.6	19.2	20.5	20.8	21.0	21.2	21.4	21.6	21.8
≥ 8000		14.7	15.1	16.1	18.8	19.8	20.1	20.5	21.2	22.6	22.9	23.1	23.3	23.5	23.7	23.9
≥ 7000		15.4	15.8	16.8	19.6	20.7	21.0	21.4	22.1	23.6	23.9	24.1	24.3	24.5	24.7	24.9
≥ 6000		15.4	15.8	16.9	20.0	21.2	21.5	21.9	22.6	24.1	24.4	24.6	24.8	25.0	25.2	25.4
≥ 5000		15.5	16.1	17.3	21.0	22.5	23.1	23.6	24.4	26.1	26.4	26.6	26.8	27.0	27.2	27.4
≥ 4500		15.6	16.2	17.3	21.2	22.8	23.4	23.9	24.7	26.4	26.7	26.9	27.1	27.3	27.5	27.7
≥ 4000		15.8	16.4	17.5	21.4	23.0	23.7	24.2	25.0	26.7	27.0	27.2	27.4	27.6	27.8	28.0
≥ 3500		16.2	16.8	17.9	21.8	23.4	24.1	24.6	25.4	27.1	27.4	27.6	27.8	28.0	28.2	28.4
≥ 3000		16.3	16.9	18.0	21.9	23.5	24.2	24.7	25.5	27.2	27.5	27.7	27.9	28.1	28.3	28.5
≥ 2500		17.9	18.6	19.8	23.9	25.6	26.3	26.8	27.6	29.3	29.6	29.8	30.0	30.2	30.4	30.6
≥ 2000		18.1	18.8	20.0	24.1	25.8	26.5	27.0	27.8	29.5	29.8	30.0	30.2	30.4	30.6	30.8
≥ 1800		19.3	20.0	21.2	25.3	27.0	27.7	28.2	29.0	30.7	31.0	31.2	31.4	31.6	31.8	32.0
≥ 1500		19.5	20.2	21.4	25.5	27.2	27.9	28.4	29.2	30.9	31.2	31.4	31.6	31.8	32.0	32.2
≥ 1200		20.6	21.3	22.6	26.9	28.7	29.4	29.9	30.7	32.4	32.7	32.9	33.1	33.3	33.5	33.7
≥ 1000		22.0	22.7	24.1	28.4	30.2	30.9	31.4	32.2	33.9	34.2	34.4	34.6	34.8	35.0	35.2
≥ 900		23.2	23.9	25.3	29.6	31.4	32.1	32.6	33.4	35.1	35.4	35.6	35.8	36.0	36.2	36.4
≥ 800		24.4	25.1	26.5	30.8	32.6	33.3	33.8	34.6	36.3	36.6	36.8	37.0	37.2	37.4	37.6
≥ 700		25.6	26.3	27.7	32.0	33.8	34.5	35.0	35.8	37.5	37.8	38.0	38.2	38.4	38.6	38.8
≥ 600		26.4	27.1	28.5	32.8	34.6	35.3	35.8	36.6	38.3	38.6	38.8	39.0	39.2	39.4	39.6
≥ 500		27.6	28.3	29.7	34.0	35.8	36.5	37.0	37.8	39.5	39.8	40.0	40.2	40.4	40.6	40.8
≥ 400		28.0	28.7	30.1	34.4	36.2	36.9	37.4	38.2	39.9	40.2	40.4	40.6	40.8	41.0	41.2
≥ 300		28.2	28.9	30.3	34.6	36.4	37.1	37.6	38.4	40.1	40.4	40.6	40.8	41.0	41.2	41.4
≥ 200		28.3	29.0	30.4	34.7	36.5	37.2	37.7	38.5	40.2	40.5	40.7	40.9	41.1	41.3	41.5
≥ 100		28.3	29.0	30.4	34.7	36.5	37.2	37.7	38.5	40.2	40.5	40.7	40.9	41.1	41.3	41.5
0		28.3	29.0	30.4	34.7	36.5	37.2	37.7	38.5	40.2	40.5	40.7	40.9	41.1	41.3	41.5

TOTAL NUMBER OF OBSERVATIONS

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

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	10	9	8	7	6	5	4	3	2½	2	1½	1	½	0
≥ 20000	13.7	13.8	13.9	13.9	13.9	14.0	14.0	14.0	14.1	14.1	14.2	14.2	14.3	14.4	14.5
	14.7	15.0	15.0	15.1	15.1	15.2	15.2	15.3	15.4	15.4	15.5	15.5	15.6	15.7	15.8
≥ 15000	15.7	15.8	15.9	15.9	16.0	16.0	16.0	16.1	16.2	16.2	16.3	16.3	16.4	16.5	16.6
≥ 10000	16.1	16.2	16.3	16.3	16.4	16.4	16.5	16.5	16.6	16.6	16.7	16.7	16.8	16.9	17.0
≥ 9000	16.9	16.9	17.0	17.0	17.1	17.1	17.2	17.2	17.3	17.3	17.4	17.4	17.5	17.6	17.7
≥ 8000	17.1	17.2	17.3	17.3	17.4	17.4	17.5	17.5	17.6	17.6	17.7	17.7	17.8	17.9	18.0
≥ 7000	17.4	17.4	17.5	17.6	17.6	17.7	17.7	17.8	17.9	17.9	18.0	18.0	18.1	18.2	18.3
≥ 6000	17.8	18.0	18.1	18.2	18.3	18.3	18.4	18.5	18.6	18.6	18.7	18.8	18.9	19.0	19.1
≥ 5000	18.4	18.6	18.8	18.9	19.0	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9
≥ 4500	18.7	19.0	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	20.0	20.1	20.2	20.3	20.4
≥ 4000	18.9	19.2	19.4	19.5	19.6	19.7	19.8	19.9	20.0	20.1	20.2	20.3	20.4	20.5	20.6
≥ 3500	19.4	19.7	19.9	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	21.0	21.1
≥ 3000	20.1	20.4	20.6	20.7	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8
≥ 2500	20.7	21.0	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.2	22.3	22.4
≥ 2000	21.4	21.7	21.9	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1
≥ 1800	21.7	22.0	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4
≥ 1500	22.0	22.3	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7
≥ 1200	22.4	22.7	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.0	24.1
≥ 1000	22.7	23.0	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.0	24.1	24.2	24.3	24.4
≥ 900	22.9	23.2	23.4	23.5	23.6	23.7	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.5	24.6
≥ 800	23.1	23.4	23.6	23.7	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8
≥ 700	23.4	23.7	23.9	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	25.0	25.1
≥ 600	23.7	24.0	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4
≥ 500	24.1	24.4	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8
≥ 400	24.4	24.7	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26.0	26.1
≥ 300	24.6	24.9	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26.0	26.1	26.2	26.3
≥ 200	24.8	25.1	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26.0	26.1	26.2	26.3	26.4	26.5
≥ 100	24.9	25.2	25.4	25.5	25.6	25.7	25.8	25.9	26.0	26.1	26.2	26.3	26.4	26.5	26.6
0	24.9	25.2	25.4	25.5	25.6	25.7	25.8	25.9	26.0	26.1	26.2	26.3	26.4	26.5	26.6

TOTAL NUMBER OF OBSERVATIONS ... 240

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

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

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

3

CLASSIFICATION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS

CEILING FEET	VISIBILITY STATUTE MILES													
	≥10	≥9	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥ ⅞ SM	≥½	≥0
NO CEILING		19.1	20.3	21.4	22.3	22.9	23.6	26.8	28.6	29.2	29.8	30.2	30.4	30.4
≥ 20000		19.9	21.0	23.1	25.3	25.3	25.8	26.6	28.7	29.1	29.7	30.1	30.3	30.3
≥ 18000		19.9	21.6	23.4	25.6	27.9	28.8	27.2	27.3	27.8	28.2	28.7	28.9	28.9
≥ 16000		20.4	22.3	24.1	26.1	27.3	28.9	28.3	28.4	28.8	29.2	29.1	29.1	29.1
≥ 14000		21.3	23.5	25.8	28.1	29.4	30.3	29.8	29.9	30.4	30.8	30.9	30.9	30.9
≥ 12000		21.9	25.4	27.8	29.9	30.1	31.0	31.4	31.6	32.0	32.4	32.5	32.5	32.5
≥ 10000		24.9	27.4	29.7	32.4	33.3	34.2	33.7	33.8	34.4	34.8	34.9	34.9	34.9
≥ 9000		25.7	28.1	30.9	32.9	33.3	34.9	34.4	34.5	35.1	35.5	35.6	35.6	35.6
≥ 8000		27.4	29.9	32.5	35.1	35.1	36.1	36.5	36.6	37.2	37.6	37.6	37.6	37.6
≥ 7000		28.1	30.7	33.3	36.4	36.5	37.5	37.9	38.1	38.9	39.3	39.3	39.3	39.3
≥ 6000		28.5	31.4	34.1	37.4	37.7	38.4	38.7	38.8	39.6	39.9	39.9	39.9	39.9
≥ 5000		29.2	31.9	34.8	37.9	38.1	39.1	39.7	40.0	41.0	41.3	41.3	41.3	41.3
≥ 4500		29.7	32.0	34.7	38.1	38.2	39.2	39.9	40.1	41.1	41.4	41.4	41.4	41.4
≥ 4000		30.9	33.3	36.4	39.[illegible]	40.[illegible]	41.[illegible]	42.0	42.2	43.3	43.6	43.6	43.6	43.6
≥ 3500		31.9	34.6	37.9	41.1	41.3	[illegible]	43.5	43.7	44.8	44.[illegible]	44.[illegible]	45.2	45.2
≥ 3000		34.2	37.4	40.9	44.1	44.4	[illegible]	46.9	47.3	48.3	48.[illegible]	48.[illegible]	48.7	48.7
≥ 2500		38.1	41.3	44.9	48.2	48.4	50.1	51.2	51.5	52.6	52.9	52.7	53.0	53.0
≥ 2000		41.1	44.4	48.2	52.2	52.4	54.5	55.6	55.9	57.0	57.3	57.1	57.3	57.3
≥ 1800		42.1	45.4	49.4	53.3	53.7	55.9	57.0	57.3	58.4	58.7	58.5	58.9	59.0
≥ 1500		45.2	48.7	53.5	58.2	58.3	60.6	61.7	62.3	63.4	63.9	63.8	63.9	64.1
≥ 1200		46.7	50.0	56.4	62.1	62.2	64.5	66.5	67.4	68.6	68.8	68.9	69.3	69.4
≥ 1000		47.9	51.9	57.8	63.5	63.8	66.2	68.[illegible]	[illegible].3	71.5	71.8	71.9	72.2	72.3
[illegible]		48.2	51.4	58.2	64.1	64.4	66.8	[illegible]	[illegible].0	72.2	72.2	72.4	72.6	72.9
900		48.9	52.7	59.1	65.1	65.6	68.2	[illegible]	[illegible].9	74.3	74.3	74.7	74.7	75.1
≥ 700		50.1	54.3	60.8	66.9	67.4	70.3	[illegible].4	75.7	77.4	77.4	77.8	77.8	78.1
≥ 600		50.5	54.8	61.4	67.7	68.2	71.9	76.5	77.7	79.6	79.8	79.9	80.3	80.3
≥ 500		51.1	55.2	61.9	68.9	69.5	73.0	79.3	80.6	82.5	82.5	82.9	83.2	83.2
≥ 400		51.1	55.3	62.4	69.7	70.3	74.2	80.6	82.0	84.3	84.4	84.9	85.1	85.1
≥ 300		51.1	55.3	62.6	70.2	70.9	75.0	82.0	83.8	87.5	87.8	88.1	88.4	88.4
≥ 200		51.1	55.3	62.6	70.2	70.9	75.3	82.4	84.4	88.7	88.9	89.3	91.0	91.0
≥ 100		51.1	55.3	62.6	70.2	70.9	75.3	82.4	84.6	89.1	89.3	90.4	92.9	94.7
≥ 0		51.1	55.3	62.6	70.2	70.9	75.3	82.4	84.6	89.1	89.3	90.4	93.0	95.0

TOTAL NUMBER OF OBSERVATIONS 846

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34025 — HUNTSVILLE/MADISON BARRACKS — 6-7 YEARS — [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING		18.7	19.1	21.7	23.3	23.9	[illegible]	25.7	25.9	26.4	26.4	26.4	26.4	26.4	[illegible]
≥ 20000		21.9	22.6	25.1	27.1	27.7	[illegible]	30.1	30.5	31.0	31.0	31.0	31.0	31.0	[illegible]
≥ 18000		22.0	22.7	25.2	27.3	28.1	[illegible]	30.4	30.7	31.2	31.2	31.2	31.2	31.2	31.4
≥ 16000		22.7	22.9	25.4	28.3	29.7	[illegible]	31.1	31.4	31.9	31.9	31.9	31.9	31.9	31.9
≥ 14000		23.7	23.4	25.9	29.3	29.8	31.1	31.9	32.3	32.7	32.7	32.7	32.7	32.7	32.7
≥ 12000		24.2	24.7	27.2	30.4	30.9	[illegible]	33.2	33.6	34.0	34.0	34.0	34.0	34.0	[illegible]
≥ 10000		24.9	25.7	28.1	31.6	31.8	[illegible]	34.2	34.5	35.0	35.0	35.0	35.0	35.0	[illegible]
≥ 9000		25.5	26.2	28.7	32.2	32.4	[illegible]	34.8	35.1	35.6	35.6	35.6	35.6	35.6	[illegible]
≥ 8000		27.3	27.7	30.1	33.7	34.2	[illegible]	36.0	37.3	37.5	37.5	37.5	37.5	37.5	37.5
≥ 7000		27.3	28.1	30.9	34.5	34.9	[illegible]	37.6	37.9	38.5	38.5	38.5	38.5	38.5	[illegible]
≥ 6000		27.9	28.4	31.3	35.1	35.3	[illegible]	38.2	38.5	39.1	39.1	39.1	39.1	39.1	[illegible]
≥ 5000		28.1	29.0	31.9	35.9	36.2	[illegible]	39.0	39.4	40.2	40.3	40.3	40.3	40.3	[illegible]
≥ 4500		28.6	29.4	32.0	36.2	36.8	[illegible]	39.6	40.0	40.8	40.9	40.9	40.9	40.9	[illegible]
≥ 4000		30.4	31.6	34.4	39.2	39.8	[illegible]	42.8	43.1	44.0	44.1	44.1	44.2	44.4	44.4
≥ 3500		31.9	33.1	36.2	41.7	42.3	[illegible]	45.6	46.0	46.8	46.9	46.9	47.0	47.3	47.3
≥ 3000		33.9	35.1	38.9	44.6	44.8	[illegible]	48.5	48.8	49.6	49.7	49.7	49.9	50.1	[illegible]
≥ 2500		35.9	37.2	41.3	47.4	47.4	[illegible]	51.8	52.1	53.0	53.1	53.1	53.4	53.4	[illegible]
≥ 2000		38.5	40.9	45.2	51.7	51.9	[illegible]	56.7	57.1	58.0	58.2	58.2	58.5	58.5	[illegible]
≥ 1800		40.1	41.0	46.1	53.2	53.2	[illegible]	58.0	58.5	59.5	59.7	59.7	60.0	60.3	[illegible]
≥ 1500		42.9	43.7	48.9	56.3	56.6	[illegible]	61.7	62.2	63.1	63.4	63.4	63.5	63.7	63.7
≥ 1200		43.7	45.0	51.3	59.7	60.2	[illegible]	66.1	66.5	67.5	67.7	67.7	67.8	68.1	68.1
≥ 1000		45.7	47.3	53.3	61.9	62.6	[illegible]	70.1	70.7	71.6	71.9	71.9	72.0	72.2	72.2
≥ 900		45.5	47.6	54.0	62.4	63.1	[illegible]	70.6	71.2	72.1	72.3	72.3	72.5	72.7	72.7
≥ 800		47.2	49.8	56.3	65.1	65.7	[illegible]	73.8	74.3	75.3	75.5	75.5	75.7	75.9	75.9
≥ 700		47.6	50.6	57.3	66.3	67.0	[illegible]	76.5	77.8	79.0	79.2	79.2	79.3	79.6	79.6
≥ 600		48.1	51.1	57.8	67.3	67.7	[illegible]	77.9	79.2	80.5	80.7	80.7	80.9	81.1	81.1
≥ 500		48.5	51.4	58.2	67.8	68.6	[illegible]	79.4	81.1	82.7	83.0	83.0	83.1	83.6	83.6
≥ 400		48.6	51.5	58.3	68.2	68.9	[illegible]	81.0	83.2	84.9	85.1	85.1	85.2	85.7	85.7
≥ 300		48.7	51.7	58.4	68.4	69.1	77.1	81.7	84.3	86.6	87.0	87.0	87.8	88.3	88.3
≥ 200		48.9	51.8	58.5	68.6	69.3	77.3	82.2	85.0	88.1	88.7	89.0	90.2	91.5	92.1
≥ 100		48.8	51.8	58.5	68.6	69.3	77.3	82.5	85.3	88.9	90.0	90.5	91.6	94.1	95.7
≥ 0		48.8	51.8	58.5	68.6	69.3	77.3	82.5	85.3	88.9	90.0	90.5	91.6	94.1	96.0

TOTAL NUMBER OF OBSERVATIONS 646

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

1
3

USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34025 STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/16	≥¼	≥0
NO CEILING		20.4	20.8	21.5	24.0	24.8	25.4	27.7	27.9	28.4	28.7	29.0	29.7	30.0	30.1
≥ 20000		21.4	22.0	23.3	26.1	27.1	27.9	29.8	30.0	30.6	31.1	31.4	31.6	31.8	31.9
≥ 18000		21.9	22.5	23.9	27.1	27.3	28.1	30.0	30.3	30.9	31.2	31.6	31.8	32.0	32.1
≥ 16000		22.0	22.6	23.9	27.1	27.3	28.3	30.1	30.4	31.0	31.3	31.7	31.9	32.1	32.2
≥ 14000		22.1	22.6	23.9	27.2	27.4	28.4	30.4	30.6	31.2	31.5	31.9	32.1	32.3	32.4
≥ 12000		22.4	23.0	24.2	27.5	27.8	28.8	31.1	31.3	31.9	32.3	32.7	32.9	33.1	33.2
≥ 10000		23.4	24.3	25.1	29.2	29.4	30.4	32.4	32.6	33.2	33.7	34.1	34.3	34.5	34.6
≥ 9000		23.8	24.7	25.6	29.5	29.8	30.8	32.7	33.0	33.6	34.1	34.5	34.7	34.9	35.0
≥ 8000		24.7	25.5	26.4	30.7	31.0	32.0	33.9	34.2	34.8	35.4	35.8	36.0	36.2	36.3
≥ 7000		25.1	26.0	27.1	31.6	31.8	32.8	35.0	35.2	35.8	36.4	36.8	37.0	37.2	37.3
≥ 6000		25.9	27.0	27.8	32.3	32.5	33.4	35.8	36.1	36.8	37.4	37.8	38.0	38.2	38.3
≥ 5000		26.4	27.5	28.5	33.1	33.3	34.3	36.5	36.8	37.5	38.1	38.5	38.7	38.9	39.0
≥ 4500		26.6	27.8	28.7	33.3	33.6	34.5	36.9	37.1	37.8	38.4	38.9	39.1	39.3	39.4
≥ 4000		29.3	30.6	31.7	36.9	37.1	38.0	41.3	41.6	42.3	42.7	43.2	43.4	43.6	43.7
≥ 3500		30.9	32.4	33.6	38.8	39.1	40.0	43.4	43.7	44.4	44.8	45.3	45.5	45.7	45.8
≥ 3000		33.3	34.9	36.3	41.7	42.1	44.7	46.6	46.9	47.8	48.1	48.7	48.9	49.2	49.3
≥ 2500		35.9	37.8	38.9	44.7	45.2	46.9	49.8	50.1	50.9	51.3	51.9	52.1	52.4	52.5
≥ 2000		35.7	40.1	41.7	47.9	48.2	50.7	53.7	54.0	55.0	55.3	55.9	56.2	56.4	56.5
≥ 1800		39.1	40.9	42.2	48.3	48.8	50.2	54.4	54.7	55.8	56.1	56.8	57.0	57.3	57.4
≥ 1500		40.1	41.9	43.4	50.1	50.9	52.3	56.3	56.6	57.7	58.1	58.7	59.0	59.3	59.4
≥ 1200		42.7	44.1	47.0	54.1	54.8	56.3	61.9	62.3	63.4	63.8	64.5	64.8	65.1	65.2
≥ 1000		44.4	46.3	50.1	57.3	58.4	60.3	66.7	67.0	68.1	68.6	69.4	69.8	70.1	70.2
≥ 900		45.2	47.2	51.1	58.6	59.6	61.6	68.3	68.7	69.7	70.2	71.0	71.4	71.7	71.8
≥ 800		46.3	48.8	52.8	60.8	61.7	63.1	71.2	71.6	72.9	73.4	74.2	74.6	74.9	75.0
≥ 700		47.3	49.9	54.4	62.9	63.9	65.6	73.6	74.5	75.8	76.2	77.0	77.4	77.7	77.8
≥ 600		47.4	50.0	54.5	63.1	64.1	65.9	74.1	75.2	76.5	77.0	77.8	78.2	78.5	78.6
≥ 500		47.8	50.4	54.8	63.9	65.0	66.8	76.2	77.3	78.6	79.2	80.1	80.5	80.8	80.9
≥ 400		48.0	51.2	55.7	65.1	66.2	68.0	78.7	80.4	82.4	83.0	84.0	84.4	84.8	84.9
≥ 300		48.2	51.4	55.9	65.7	66.8	68.6	80.3	82.3	85.1	85.7	86.8	87.2	87.6	87.7
≥ 200		48.3	51.5	56.0	65.8	66.9	68.7	81.0	83.8	87.2	88.4	89.7	90.2	90.6	90.7
≥ 100		48.5	51.7	56.1	66.0	67.0	68.8	81.8	84.2	88.4	89.7	90.9	91.3	91.7	91.8
0		48.5	51.7	56.1	66.0	67.0	68.8	81.8	84.2	88.5	89.8	90.9	91.4	91.9	92.0

TOTAL NUMBER OF OBSERVATIONS 240

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34025 — HILL AFB/NO SPUCK COUNTY — 67-71 — ANN — ALL HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		15.3	16.4	17.2	19.4	19.6	20.3	21.7	22.3	22.9	23.2	23.4	23.7	23.9	23.9
≥ 20000		17.2	18.4	19.5	22.1	22.3	23.0	24.6	24.9	25.3	25.6	25.8	25.9	26.1	26.1
≥ 18000		17.5	18.7	19.9	22.5	22.7	23.4	25.0	25.3	25.8	26.0	26.1	26.3	26.4	26.4
≥ 16000		17.7	18.9	20.2	22.8	23.0	23.9	25.4	25.7	26.2	26.4	26.5	26.7	26.8	26.8
≥ 14000		18.2	19.4	20.7	23.3	23.5	24.4	25.9	26.2	26.7	26.9	27.0	27.3	27.3	27.3
≥ 12000		18.8	20.1	21.4	24.1	24.4	25.3	27.0	27.3	27.9	28.2	28.3	28.6	28.6	28.6
≥ 10000		19.4	21.0	22.3	25.2	25.5	26.5	28.0	28.4	29.0	29.2	29.4	29.8	29.9	29.9
≥ 9000		20.2	21.9	23.2	26.2	26.5	27.5	29.0	29.4	30.0	30.2	30.4	30.8	30.9	30.9
≥ 8000		21.1	22.8	24.2	27.3	27.6	28.6	30.4	30.8	31.5	31.8	31.9	32.3	32.4	32.4
≥ 7000		21.4	23.2	24.7	28.0	28.2	29.2	31.4	31.8	32.5	32.7	32.9	33.1	33.2	33.2
≥ 6000		22.0	23.8	25.2	28.6	28.8	29.8	32.1	32.5	33.2	33.5	33.6	33.8	33.9	33.9
≥ 5000		22.5	24.4	25.8	29.3	29.5	30.5	32.9	33.3	34.1	34.4	34.6	34.7	34.8	34.8
≥ 4500		23.7	25.8	27.4	31.1	31.4	32.5	35.1	35.6	36.5	36.8	37.0	37.2	37.3	37.3
≥ 4000		24.2	26.3	27.9	31.7	32.0	33.1	35.8	36.3	37.2	37.5	37.7	37.9	38.0	38.0
≥ 3500		25.4	27.6	29.3	33.2	33.5	34.6	37.3	37.8	38.8	39.1	39.3	39.5	39.6	39.6
≥ 3000		27.2	29.1	31.1	35.5	35.8	37.2	39.8	40.4	41.4	41.8	42.0	42.3	42.4	42.4
≥ 2500		29.5	31.9	33.9	38.2	38.5	40.0	42.8	43.4	44.3	44.6	44.8	45.2	45.4	45.4
≥ 2000		32.8	34.8	37.1	42.1	42.4	44.2	47.1	47.7	48.7	49.0	49.2	49.6	49.8	49.8
≥ 1800		33.7	35.7	38.2	43.4	43.6	45.5	48.4	49.1	50.1	50.4	50.6	51.0	51.2	51.2
≥ 1500		34.3	36.3	41.3	46.9	47.3	49.4	52.4	53.1	54.2	54.5	54.8	55.2	55.4	55.4
≥ 1200		39.8	41.2	44.7	50.7	51.4	55.2	57.4	58.2	59.3	59.6	59.9	60.3	60.4	61.1
≥ 1000		40.1	42.7	46.5	53.4	54.0	57.7	61.1	62.0	63.2	63.5	63.8	64.3	64.5	64.7
≥ 900		40.6	43.2	47.0	54.2	54.8	58.7	62.1	63.0	64.2	64.5	64.7	65.3	65.5	66.2
≥ 800		41.7	44.5	48.5	56.1	56.8	60.8	64.5	65.5	67.0	67.3	67.6	68.2	68.4	68.6
≥ 700		42.3	45.3	49.6	57.6	58.3	62.9	66.9	68.1	69.8	70.2	70.3	70.9	71.0	71.3
≥ 600		42.9	46.1	50.5	59.1	59.7	64.7	68.9	70.4	72.2	72.7	72.9	73.5	73.6	73.9
≥ 500		43.5	46.7	51.6	60.6	61.5	66.2	71.7	73.5	75.7	76.2	76.4	76.7	77.3	77.5
≥ 400		43.8	47.2	52.3	61.6	62.5	67.9	74.0	76.1	78.7	79.3	79.4	79.8	80.4	80.7
≥ 300		43.9	47.3	52.5	62.1	63.1	71.1	75.6	78.1	81.7	82.4	82.7	83.3	84.1	84.4
≥ 200		43.9	47.4	52.6	62.4	63.3	71.7	76.6	79.6	84.1	85.2	85.9	86.7	88.3	89.2
≥ 100		44.0	47.4	52.7	62.4	63.4	71.9	77.0	80.2	85.3	86.4	87.2	88.7	91.5	94.1
0		44.0	47.4	52.7	62.4	63.4	71.9	77.0	80.2	85.3	86.6	87.4	90.7	91.6	94.3

TOTAL NUMBER OF OBSERVATIONS 6792

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 STATION — HAHN AB/HUNSRUCK [illegible] STATION NAME — [illegible] YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥0
NO CEILING		30.3	31.9	34.1	35.4	36.4	36.1	36.2	36.5	37.0	37.2	37.3	37.4	37.5	37.6
≥ 20000		32.7	34.4	36.5	38.1	38.1	38.4	38.9	39.1	39.6	39.8	39.9	39.9	39.9	39.9
≥ 18000		32.7	34.4	36.4	38.4	38.2	38.3	38.9	39.2	39.9	39.9	39.9	39.9	39.9	39.9
≥ 16000		32.7	34.4	36.4	38.4	38.2	38.3	38.9	39.2	39.9	39.9	39.9	39.9	39.9	39.9
≥ 14000		32.8	34.5	36.7	38.4	38.4	38.5	39.2	39.5	40.1	40.2	40.3	40.3	40.3	40.3
≥ 12000		33.5	35.4	37.5	39.4	39.2	39.3	40.1	40.3	41.0	41.2	41.3	41.3	41.3	41.3
≥ 10000		34.4	37.1	39.4	41.1	41.1	41.2	42.4	42.6	43.2	43.4	43.4	43.4	43.5	43.5
≥ 9000		34.6	37.3	39.6	41.4	41.4	41.5	42.8	43.1	43.7	43.9	43.9	43.9	44.0	44.0
≥ 8000		36.4	39.2	41.5	43.3	43.3	43.4	44.8	45.1	45.8	46.1	46.1	46.1	46.2	46.2
≥ 7000		37.3	40.1	42.3	44.1	44.1	44.2	45.7	45.9	46.7	46.9	47.0	47.0	47.1	47.1
≥ 6000		38.1	40.9	43.1	44.9	44.9	45.0	46.7	46.9	47.8	48.0	48.1	48.1	48.2	48.2
≥ 5000		42.2	43.1	45.3	47.2	47.5	47.6	49.4	49.6	50.4	50.6	50.7	50.7	51.0	51.0
≥ 4500		44.1	44.9	47.3	49.4	49.4	49.5	51.2	51.4	52.3	52.4	52.5	52.5	52.9	52.9
≥ 4000		46.1	46.7	49.4	51.6	51.8	51.9	53.8	54.0	54.8	55.0	55.1	55.1	55.5	55.5
≥ 3500		46.2	50.0	53.0	55.3	55.4	55.5	57.4	57.6	58.5	58.8	58.9	58.9	59.1	59.1
≥ 3000		48.5	52.4	55.5	58.4	58.4	58.5	60.4	60.6	61.5	61.8	62.0	62.0	62.4	62.4
≥ 2500		49.4	53.2	56.9	59.9	59.9	60.0	61.8	62.0	62.9	63.2	63.4	63.4	63.9	63.9
≥ 2000		50.4	54.2	58.1	61.2	61.4	61.5	64.2	64.4	65.3	65.6	65.7	65.8	66.3	66.3
≥ 1800		51.4	55.7	59.4	62.6	62.8	63.0	65.5	65.7	66.6	66.8	67.1	67.1	67.2	67.2
≥ 1500		53.5	57.9	61.9	65.1	65.3	65.4	68.0	68.2	69.1	69.4	69.6	69.6	70.0	70.0
≥ 1200		55.9	60.3	64.9	70.0	70.1	70.3	73.3	73.8	74.7	75.1	75.2	75.3	75.4	75.4
≥ 1000		57.0	61.6	66.9	72.2	72.7	72.9	75.9	76.5	77.4	77.7	78.1	78.2	78.3	78.3
≥ 900		57.3	62.1	67.6	73.2	74.0	74.2	77.3	78.0	78.9	79.2	79.5	79.6	79.8	79.8
≥ 800		57.6	62.6	68.3	74.7	74.9	75.2	78.7	79.4	80.4	80.8	81.1	81.2	81.4	81.4
≥ 700		57.9	62.9	68.5	76.1	76.2	76.4	80.3	81.4	82.6	82.9	83.1	83.1	83.2	83.4
≥ 600		58.4	63.7	69.7	77.4	77.3	77.8	82.0	83.3	84.8	85.1	85.3	85.3	85.4	85.6
≥ 500		58.4	63.8	69.8	77.7	77.6	78.2	83.9	85.2	87.0	87.4	87.5	87.6	87.7	87.7
≥ 400		58.4	63.8	70.0	78.1	78.2	78.8	85.1	86.7	88.7	89.1	89.4	89.4	89.6	89.8
≥ 300		58.4	64.0	70.3	78.5	78.7	79.4	86.9	88.7	91.0	91.4	91.6	91.6	91.8	91.8
≥ 200		58.4	64.0	70.3	78.6	78.8	79.4	87.3	89.4	91.9	92.3	92.5	92.6	93.2	93.2
≥ 100		58.4	64.0	70.3	78.6	78.8	79.5	88.0	90.3	93.7	94.0	95.1	95.4	96.1	97.1
≥ 0		58.4	64.0	70.3	78.6	78.8	79.5	88.0	90.3	93.7	94.0	95.1	95.4	96.1	97.1

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

[redacted] [redacted] [redacted]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	≥0
NO CEILING		25.5	27.4	29.8	32.0	32.5	33.5	33.9	34.0	34.4	34.6	34.6	34.6	34.6	34.6
≤ 20000		27.2	29.0	31.4	34.4	34.5	35.7	36.0	36.1	36.5	36.6	36.6	36.6	36.6	36.6
≤ 8000		27.2	29.0	31.4	34.4	34.5	35.7	36.0	36.1	36.5	36.6	36.6	36.6	36.6	36.6
≥ 6000		27.2	29.0	31.4	34.4	34.5	35.7	36.0	36.1	36.5	36.6	36.6	36.6	36.6	36.6
≥ 4000		27.2	29.0	31.7	34.7	34.8	36.0	36.1	36.2	36.7	36.8	36.8	36.8	36.8	36.8
≥ 12000		27.2	31.2	32.8	35.2	35.3	36.5	36.6	36.9	37.3	37.4	37.4	37.4	37.4	37.4
≥ 10000		26.7	31.7	33.4	37.1	37.1	38.3	38.6	38.7	39.1	39.2	39.2	39.2	39.2	39.2
≥ 9000		29.7	31.9	34.1	37.4	37.4	38.6	38.9	39.0	39.5	39.6	39.6	39.6	39.6	39.6
≥ 8000		30.2	33.1	35.4	38.7	38.8	40.2	40.5	40.6	41.1	41.1	41.1	41.2	41.2	41.2
≥ 7000		30.4	33.3	35.6	38.9	39.0	40.4	40.8	40.9	41.3	41.3	41.3	41.3	41.3	41.3
≥ 6000		30.9	33.8	36.1	39.4	39.5	40.9	41.2	41.3	41.7	41.8	41.8	41.8	41.8	41.8
≥ 5000		32.4	35.2	38.2	41.6	41.8	43.2	43.6	43.7	44.1	44.2	44.2	44.2	44.2	44.2
≥ 4500		33.2	36.0	39.4	42.8	43.0	44.5	44.8	45.0	45.2	45.3	45.3	45.3	45.3	45.3
≥ 4000		35.6	38.4	42.0	45.6	45.8	47.3	47.6	47.8	48.2	48.3	48.4	48.4	48.4	48.4
≥ 3500		39.2	41.8	44.8	48.7	48.9	50.6	50.9	51.0	51.4	51.5	51.5	51.5	51.5	51.5
≥ 3000		40.4	44.2	47.2	51.2	51.4	53.1	53.4	53.6	54.0	54.2	54.2	54.2	54.2	54.2
≥ 2500		42.9	46.7	50.3	54.5	54.8	56.8	57.1	57.3	57.7	57.8	57.8	57.8	57.8	57.8
≥ 2000		43.5	47.3	51.0	56.1	56.5	58.7	59.0	59.2	59.7	59.8	59.8	59.8	59.8	59.8
≥ 1800		44.5	48.3	52.9	57.3	57.9	60.2	60.5	60.8	61.2	61.3	61.3	61.4	61.4	61.4
≥ 1500		46.4	50.4	55.2	60.4	60.8	63.1	63.4	63.8	64.3	64.4	64.4	64.5	64.5	64.5
≥ 1200		48.8	53.3	58.2	64.0	64.3	66.7	67.0	67.3	67.8	68.1	68.1	68.2	68.2	68.2
≥ 1000		50.5	54.9	60.3	67.1	67.4	70.2	70.5	71.0	71.5	71.7	71.7	72.0	72.0	72.0
≥ 900		50.4	55.1	61.3	67.7	68.1	70.9	71.2	71.6	72.3	72.5	72.5	72.8	72.8	72.8
≥ 800		51.3	55.8	61.9	69.1	69.5	72.6	73.0	73.5	74.2	74.4	74.4	74.8	74.8	74.8
≥ 700		51.5	56.0	62.8	70.5	70.9	74.2	74.8	75.5	76.1	76.3	76.3	77.0	77.3	77.4
≥ 600		51.9	56.6	63.5	71.9	72.3	75.8	76.8	77.4	78.1	78.4	78.4	79.3	79.4	79.5
≥ 500		52.3	56.9	64.9	73.3	74.2	77.6	79.9	80.9	81.7	82.1	82.1	82.7	83.1	83.2
≥ 400		52.3	56.9	65.1	74.4	74.9	78.8	81.4	82.7	84.2	84.6	84.7	85.4	85.8	86.0
≥ 300		52.3	56.9	65.1	74.4	74.8	78.2	82.6	84.0	85.8	86.3	86.4	87.2	87.6	87.7
≥ 200		52.3	56.9	65.1	74.4	74.9	78.4	83.0	85.3	87.0	88.0	88.2	90.3	90.8	91.1
≥ 100		52.3	56.9	65.1	74.4	74.8	78.6	83.5	85.8	88.2	90.3	91.2	92.7	94.4	95.1
≥ 0		52.3	56.9	65.1	74.4	74.8	78.6	83.5	85.8	88.6	90.9	91.8	93.2	95.2	96.1

TOTAL NUMBER OF OBSERVATIONS [redacted]

USAF ETAC FORM 0L 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING AND
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14053 [illegible] AIR FORCE STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥0	<¼	
NO CEILING	20.2	20.4	21.6	23.1	24.4	[illegible]	26.7	27.0	27.3	27.4	27.9	28.4	27.2	27.7	
≥ 20000	22.7	23.4	24.9	27.1	27.9	[illegible]	[illegible]	30.3	30.6	30.9	31.4	[illegible]	31.3	31.8	
≥ 18000	23.9	23.4	24.8	27.4	28.1	[illegible]	[illegible]	30.6	31.0	31.3	31.8	[illegible]	31.7	32.2	
≥ 16000	23.3	23.4	25.4	27.1	28.4	[illegible]	[illegible]	31.2	31.5	31.8	32.3	[illegible]	32.1	32.7	
≥ 14000	23.8	24.3	25.8	28.4	29.1	[illegible]	31.5	31.8	32.1	32.4	32.9	[illegible]	32.7	33.2	
≥ 12000	24.3	24.7	26.4	28.1	28.5	[illegible]	[illegible]	32.4	32.8	[illegible]	[illegible]	[illegible]	33.2	33.8	
≥ 10000	25.3	25.4	27.3	30.4	31.1	[illegible]	[illegible]	34.2	34.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
≥ 9000	25.7	26.1	28.1	30.1	31.4	[illegible]	[illegible]	34.7	35.1	[illegible]	[illegible]	[illegible]	35.7	[illegible]	
≥ 8000	26.9	27.1	28.9	31.1	32.4	[illegible]	35.4	35.9	36.3	[illegible]	[illegible]	[illegible]	36.9	37.3	
≥ 7000	27.3	28.1	29.9	32.1	33.4	[illegible]	[illegible]	37.1	37.7	[illegible]	[illegible]	[illegible]	38.1	[illegible]	
≥ 6000	29.9	28.7	30.4	33.1	34.3	[illegible]	37.7	38.3	[illegible]	[illegible]	[illegible]	[illegible]	39.4	39.9	
≥ 5000	29.2	30.6	32.2	35.1	36.1	[illegible]	41.0	41.8	41.3	[illegible]	[illegible]	[illegible]	41.9	41.1	
≥ 4500	30.6	31.0	33.2	36.1	37.5	[illegible]	41.4	42.1	42.7	[illegible]	[illegible]	[illegible]	43.2	43.8	
≥ 4000	32.2	33.1	35.1	38.1	39.4	[illegible]	43.9	44.2	44.8	[illegible]	[illegible]	[illegible]	45.9	45.2	
≥ 3500	33.9	34.5	36.7	40.1	41.5	[illegible]	45.9	46.2	47.2	[illegible]	[illegible]	[illegible]	48.1	[illegible]	
≥ 3000	34.3	35.0	38.2	42.1	43.2	[illegible]	47.6	48.0	48.5	[illegible]	[illegible]	[illegible]	50.3	[illegible]	
≥ 2500	35.2	37.1	40.0	44.3	45.2	[illegible]	50.1	51.0	51.9	[illegible]	[illegible]	[illegible]	52.7	52.1	
≥ 2000	37.7	38.0	41.8	46.1	47.3	[illegible]	52.7	53.3	54.8	[illegible]	[illegible]	[illegible]	55.6	55.1	
≥ 1800	39.4	39.9	42.5	47.1	48.1	[illegible]	53.5	54.4	55.7	[illegible]	[illegible]	[illegible]	56.8	56.1	
≥ 1500	40.5	41.7	45.2	50.3	51.3	[illegible]	57.4	58.3	59.6	[illegible]	[illegible]	[illegible]	60.8	61.1	
≥ 1200	42.4	44.4	48.4	54.1	54.9	[illegible]	61.3	62.2	63.4	[illegible]	[illegible]	[illegible]	64.4	64.3	
≥ 1000	43.9	45.7	49.9	55.3	56.4	[illegible]	63.2	64.2	65.8	[illegible]	[illegible]	[illegible]	66.9	67.3	
≥ 900	44.1	46.2	50.4	56.0	57.3	[illegible]	64.3	65.3	66.9	[illegible]	[illegible]	[illegible]	68.1	68.4	
≥ 800	44.7	47.1	51.3	58.	58.3	[illegible]	66.5	67.4	68.9	[illegible]	[illegible]	[illegible]	70.1	70.3	
≥ 700	44.9	47.3	52.3	59.4	61.4	[illegible]	68.4	69.7	71.3	[illegible]	[illegible]	[illegible]	72.7	72.2	
≥ 600	45.5	48.0	53.1	60.3	61.9	[illegible]	71.0	72.3	74.0	[illegible]	[illegible]	[illegible]	75.4	75.3	
≥ 500	45.9	48.7	54.3	62.1	64.2	[illegible]	74.8	76.6	78.6	[illegible]	[illegible]	[illegible]	80.1	80.2	
≥ 400	46.0	48.9	54.5	63.7	65.1	[illegible]	76.9	78.6	80.8	[illegible]	[illegible]	[illegible]	82.6	82.7	
≥ 300	46.2	49.1	54.7	64.0	65.4	[illegible]	78.6	80.3	82.9	[illegible]	[illegible]	[illegible]	85.6	85.7	
≥ 200	46.2	49.1	54.7	64.4	65.8	[illegible]	79.6	81.7	85.1	[illegible]	[illegible]	[illegible]	90.6	[illegible]	
≥ 100	46.2	49.1	54.7	64.4	65.8	[illegible]	79.8	82.0	85.7	[illegible]	[illegible]	[illegible]	94	97.8	
≥ 0	46.2	49.1	54.7	64.4	65.8	[illegible]	79.8	82.0	85.7	[illegible]	[illegible]	[illegible]	94.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

3

USAF PROCESSING STATION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

340 [illegible] AFB, NEW MEXICO [illegible]
STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 0	≥ 30	≥ 25	≥ 24	≥ 23	≥ 22	≥ 21	≥ 20	≥ 19	≥ 18	≥ 17	≥ 16	≥ 15	≥ 14	≥ 13
NO CEILING		23.7	24.4	24.1	27.4	27.4	[illegible]	25.1	26.2	26.3	26.3	26.3	[illegible]	27.3	28.3
≥ 22000		25.5	27.3	28.2	31.5	31.5	[illegible]	32.7	32.8	33.1	33.1	33.1	33.1	33.1	33.1
≥ 18000		25.7	27.5	28.4	31.8	31.8	[illegible]	33.0	33.1	33.4	33.4	33.4	33.4	33.4	33.4
≥ 16000		26.1	28.3	29.1	32.4	32.4	33.1	33.3	33.4	33.8	33.8	33.8	33.8	33.8	33.8
≥ 14000		26.4	28.6	29.5	32.7	32.7	33.4	33.6	34.0	34.3	34.3	34.3	34.3	34.3	34.3
≥ 12000		27.2	29.1	30.0	33.4	33.4	34.1	34.3	35.2	35.5	35.5	35.5	35.5	35.5	35.5
≥ 10000		28.7	30.2	31.5	35.1	35.2	35.9	36.0	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 9000		29.4	30.9	31.9	35.6	35.6	36.3	36.4	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 8000		30.4	32.4	33.4	37.2	37.3	38.0	38.2	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 7000		31.4	33.4	34.8	38.7	38.8	39.5	39.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 6000		31.9	33.9	34.9	38.8	38.9	39.6	39.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 5000		32.0	34.0	35.0	39.0	39.0	39.8	40.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 4500		33.4	34.5	36.1	39.8	40.0	40.8	41.0	42.1	42.1	42.2	42.2	42.2	42.2	42.2
≥ 4000		34.1	36.1	38.7	42.5	42.6	43.5	43.9	44.1	44.4	44.4	44.5	44.5	44.5	44.5
≥ 3500		34.7	37.1	39.3	43.2	43.3	44.2	44.9	45.2	45.5	45.5	45.6	45.7	45.7	45.7
≥ 3000		37.4	39.5	41.5	45.3	45.4	46.2	46.7	47.8	48.2	48.3	48.3	48.4	48.4	48.4
≥ 2500		41.1	42.3	44.4	48.2	48.3	49.2	50.5	50.9	51.2	51.2	51.3	51.4	51.4	51.4
≥ 2000		43.5	45.7	48.4	52.1	52.2	53.2	54.9	55.3	55.6	55.6	55.7	55.8	55.8	55.8
≥ 1500		44.2	46.6	49.0	54.1	54.2	55.2	56.1	56.5	56.8	56.8	56.9	57.0	57.0	57.0
≥ 1500		45.1	50.9	53.3	59.4	59.5	60.4	62.0	62.5	62.8	62.8	62.9	63.0	63.0	63.0
≥ 1200		57.3	65.0	68.3	75.3	75.4	76.6	78.8	79.0	79.5	79.5	79.6	79.7	79.7	79.7
≥ 1000		58.1	68.3	72.7	79.8	79.8	81.2	83.2	84.1	84.7	84.7	84.8	84.9	84.9	84.9
≥ 900		58.5	69.4	73.3	80.9	81.0	82.2	84.3	85.2	85.9	85.9	86.0	86.1	86.1	86.1
≥ 800		59.3	70.1	74.0	82.2	82.3	83.5	85.7	86.7	87.2	87.2	87.4	87.5	87.5	87.5
≥ 700		59.4	70.5	74.6	83.0	83.1	84.3	86.5	87.5	88.1	88.1	88.2	88.3	88.3	88.3
≥ 600		59.7	71.1	75.7	84.2	84.3	85.5	87.8	88.8	89.4	89.4	89.5	89.6	89.6	89.6
≥ 500		59.7	72.0	77.4	86.1	86.2	87.5	89.8	90.8	91.4	91.4	91.5	91.6	91.6	91.6
≥ 400		59.8	72.3	78.1	87.0	87.2	88.4	90.7	91.7	92.3	92.3	92.4	92.5	92.5	92.5
≥ 300		59.9	72.5	78.2	87.2	87.3	88.5	90.8	91.8	92.4	92.4	92.5	92.6	92.6	92.6
≥ 200		59.9	72.5	78.3	87.3	87.4	88.6	90.9	91.9	92.5	92.5	92.6	92.7	92.7	92.7
≥ 100		59.9	72.5	78.3	87.3	87.4	88.6	90.9	91.9	92.5	92.5	92.6	92.7	92.7	92.7
≥ 0		59.9	72.5	78.3	87.3	87.4	88.6	90.9	91.9	92.5	92.5	92.6	92.7	92.7	92.7

TOTAL NUMBER OF OBSERVATIONS [illegible] 930

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

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥¼	≥0
NO CEILING	24.1	25.4	25.7	26.4	27.9	[illegible]	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	[illegible]
≥ 20000	29.7	30.4	30.1	32.4	33.9	[illegible]	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	[illegible]
≥ 8000	30.7	31.4	31.7	33.1	33.7	[illegible]	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	[illegible]
≥ 6000	30.8	31.4	31.9	33.4	33.9	[illegible]	34.5	34.7	34.7	34.7	34.7	34.7	34.7	34.7	[illegible]
≥ 4000	31.7	32.3	32.7	34.0	34.6	[illegible]	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	[illegible]
≥ 3000	31.8	32.4	33.2	35.4	35.5	[illegible]	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	[illegible]
≥ 2000	32.9	34.4	35.1	37.4	37.4	[illegible]	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	[illegible]
≥ 1500	33.4	35.1	36.2	38.5	38.5	[illegible]	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	[illegible]
≥ 1000	35.9	37.1	37.7	40.1	40.3	[illegible]	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	[illegible]
≥ 900	36.9	38.4	39.2	41.4	41.7	[illegible]	42.8	42.7	42.7	42.7	42.7	42.7	42.7	42.7	[illegible]
≥ 800	37.3	38.4	39.7	42.1	42.2	[illegible]	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	[illegible]
≥ 700	38.1	39.7	41.3	43.7	43.7	[illegible]	44.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	[illegible]
≥ 600	38.9	39.9	40.9	43.3	43.4	44.0	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	[illegible]
≥ 500	39.9	41.2	42.2	44.1	44.3	[illegible]	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	[illegible]
≥ 400	41.1	43.1	44.1	46.1	46.4	[illegible]	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	[illegible]
≥ 300	45.3	46.9	48.1	50.1	50.3	[illegible]	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	[illegible]
≥ 200	52.4	55.3	56.9	60.1	60.1	[illegible]	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	[illegible]
≥ 100	59.4	61.9	63.2	66.1	66.9	[illegible]	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	[illegible]
≥ 0	61.9	64.1	65.4	69.0	69.7	70.4	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	[illegible]
≥ 1800	65.4	68.4	70.5	74.6	74.7	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	[illegible]
≥ 1500	68.9	72.4	74.4	78.5	78.9	80.2	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	[illegible]
≥ 1200	69.9	73.7	76.4	81.0	81.3	82.4	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	[illegible]
≥ 1000	70.1	74.4	77.5	82.9	83.6	84.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	[illegible]
≥ 900	71.2	75.7	78.9	84.1	84.1	85.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	[illegible]
≥ 800	72.2	76.8	80.2	85.3	86.2	86.1	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	[illegible]
≥ 700	72.9	77.2	80.8	87.1	87.1	89.5	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	[illegible]
≥ 600	72.9	77.2	81.0	87.4	87.6	91.4	91.8	92.0	92.3	92.3	92.3	92.3	92.3	92.3	[illegible]
≥ 500	72.9	77.2	81.0	87.7	88.1	91.6	92.2	93.2	93.7	93.8	93.8	93.8	93.8	93.8	[illegible]
≥ 400	72.9	77.2	81.1	87.8	88.2	91.8	93.3	93.9	95.1	95.4	95.4	95.4	95.4	95.4	[illegible]
≥ 300	72.9	77.2	81.1	87.8	88.2	91.8	93.4	94.0	95.4	96.1	96.4	96.3	96.3	96.3	[illegible]
≥ 200	72.9	77.4	81.1	87.8	88.2	91.8	93.4	94.0	95.5	96.3	96.5	97.2	97.6	98.2	99.0
≥ 100	72.9	77.2	81.1	87.8	88.2	91.8	93.4	94.0	95.5	96.3	96.5	97.4	97.6	98.4	100.0
≥ 0	72.9	77.2	81.1	87.8	88.2	91.8	93.4	94.0	95.5	96.3	96.5	97.4	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0			
NO CEILING	29.9	29.1	29.4	31.4	31.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 20000	33.4	34.1	35.2	37.4	37.8	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 8000	34.9	35.1	36.7	38.4	38.7	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 6000	34.9	35.4	36.7	38.4	38.7	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 14000	36.8	37.4	38.8	41.1	41.2	41.0	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 12000	37.4	38.2	40.7	42.4	42.5	42.3	43.3	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 10000	40.8	41.8	43.1	45.1	45.7	45.1	45.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 9000	41.1	41.8	43.8	46.1	46.5	46.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 8000	42.6	43.7	45.7	48.4	48.9	48.9	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 7000	44.2	45.4	47.8	50.8	51.3	51.2	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 6000	45.7	46.8	48.9	51.7	52.1	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 5000	46.7	47.8	50.3	53.2	53.7	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 4500	47.4	48.4	51.1	54.1	54.4	54.3	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 4000	50.7	51.9	54.8	57.8	58.2	58.1	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3500	53.7	54.2	57.7	60.8	61.2	61.1	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 3000	57.0	58.2	61.1	64.9	65.2	65.0	65.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 2500	62.2	63.7	66.5	71.4	71.4	71.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2000	65.9	67.7	71.1	75.3	75.8	75.7	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1800	67.5	68.4	71.7	76.1	76.4	76.3	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1500	69.3	71.0	75.3	80.2	80.4	80.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1200	71.6	73.9	77.5	82.3	83.0	82.9	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	72.9	75.4	79.4	84.9	85.2	85.1	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 900	73.0	75.5	79.6	85.3	85.5	85.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	73.4	75.9	80.2	86.0	86.2	86.1	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 700	73.9	76.3	80.8	87.0	87.3	87.2	91.5	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 600	73.9	76.3	80.9	87.1	87.5	87.4	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	74.2	76.6	81.7	88.0	88.4	88.3	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	74.2	76.8	81.7	88.0	89.1	89.0	94.4	94.9	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 300	74.2	76.8	81.7	88.0	89.1	89.0	94.6	95.4	95.9	96.1	96.2	96.3	96.4	96.4	96.4
≥ 200	74.2	76.8	81.7	88.0	89.1	89.0	94.6	95.4	95.9	96.1	96.2	96.3	96.4	96.4	96.4
≥ 100	74.2	76.8	81.7	88.0	89.1	89.0	94.6	95.4	96.1	96.0	97.1	97.3	97.2	97.3	97.3
≥ 0	74.2	76.8	81.7	88.0	89.1	89.0	94.6	95.4	96.1	96.0	97.1	97.3	97.2	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

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

3

USAF ETAC
AIR WEATHER SERVICE/ MAC

CEILING VERSUS VISIBILITY

[illegible] [illegible] [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 0	≥½	≥1	≥1½	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10	≥11
NO CEILING	[illegible]	[illegible]	33.1	34.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	35.0	38.1	40.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	36.1	38.9	41.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	36.3	38.9	41.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	36.4	39.4	41.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	36.4	40.1	43.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	40.4	42.9	45.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	40.7	43.1	46.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	41.4	44.1	47.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	41.6	44.4	48.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	43.1	46.3	49.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	45.1	50.2	53.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	46.0	51.7	55.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	51.0	55.4	59.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	53.3	58.4	62.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	56.3	61.7	66.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	59.0	64.7	69.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	62.1	67.8	72.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	62.8	68.7	73.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	61.9	64.0	70.5	75.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	66.0	73.3	78.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	67.3	74.2	79.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 929

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34202 STATION NUMBER [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible] HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥1¼	≥	≥¼	≥¼	≥	≥5/16	≥¼	≥0
NO CEILING		34.4	35.0	37.9	38.4	39.1	41.7	42.9	43.1	44.1	44.7	45.0	45.4	45.4	45.4	45.4
≥ 20000		37.8	38.4	41.3	42.0	42.9	45.7	46.9	47.1	48.2	48.8	49.2	49.6	49.6	49.6	49.6
≥ 8000		37.9	38.9	41.8	42.5	43.9	46.7	47.9	48.1	49.2	49.8	50.2	50.6	50.6	50.6	50.6
≥ 6000		37.9	39.0	41.9	42.6	43.9	46.7	47.9	48.1	49.2	49.8	50.2	50.6	50.6	50.6	50.6
≥ 4000		38.4	39.5	42.4	43.2	44.4	47.2	48.4	48.6	49.7	50.3	50.7	51.1	51.1	51.1	51.1
≥ 3000		38.5	40.2	43.2	44.0	45.3	48.2	49.4	49.6	50.7	51.3	51.7	52.1	52.1	52.1	52.1
≥ 2500		41.7	42.7	45.8	46.6	47.9	50.8	52.0	52.2	53.3	53.9	54.3	54.7	54.7	54.7	54.7
≥ 2000		41.7	43.2	46.3	47.2	48.5	51.4	52.6	52.8	53.9	54.5	54.9	55.3	55.3	55.3	55.3
≥ 1500		42.4	44.0	47.5	48.4	49.8	52.8	54.0	54.2	55.3	55.9	56.3	56.7	56.7	56.7	56.7
≥ 1000		42.9	44.9	48.4	49.3	50.8	53.8	55.0	55.2	56.3	56.9	57.3	57.7	57.7	57.7	57.7
≥ 900		44.2	45.8	49.3	50.2	51.8	54.8	56.0	56.2	57.3	57.9	58.3	58.7	58.7	58.7	58.7
≥ 800		44.4	46.3	51.0	53.0	54.1	57.1	58.3	58.5	59.6	60.2	60.6	61.0	61.0	61.0	61.0
≥ 700		45.4	50.1	53.4	55.2	56.9	59.8	61.0	61.2	62.3	62.9	63.3	63.7	63.7	63.7	63.7
≥ 600		47.2	51.9	55.4	57.2	58.9	61.8	63.0	63.2	64.3	64.9	65.3	65.7	65.7	65.7	65.7
≥ 500		50.2	54.3	57.5	60.2	61.9	64.8	66.0	66.2	67.3	67.9	68.3	68.7	68.7	68.7	68.7
≥ 400		54.7	58.8	62.0	64.8	66.5	69.4	70.6	70.8	71.9	72.5	72.9	73.3	73.3	73.3	73.3
≥ 300		56.9	61.1	65.2	68.0	69.7	72.6	73.8	74.0	75.1	75.7	76.1	76.5	76.5	76.5	76.5
≥ 200		57.1	61.3	65.4	68.2	69.9	72.8	74.0	74.2	75.3	75.9	76.3	76.7	76.7	76.7	76.7
≥ 100		57.1	61.3	65.4	68.2	69.9	72.8	74.0	74.2	75.3	75.9	76.3	76.7	76.7	76.7	76.7
≥ 0		57.1	61.3	65.4	68.2	69.9	72.8	74.0	74.2	75.3	75.9	76.3	76.7	76.7	76.7	76.7

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NO. 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ⅞	≥ ½	≥ ¼	< ¼
NO CEILING	27.7	28.2	29.1	31.2	31.4	31.4	31.4	32.5	32.7	32.8	33.1	33.2	33.3	33.4	33.4	33.4
≥ 20000	27.4	31.7	33.8	35.4	35.5	35.5	35.8	36.9	37.2	37.3	37.5	37.6	37.6	37.6	37.6	37.6
≥ 8000	27.9	32.1	33.9	35.1	35.2	35.2	35.2	37.3	37.5	37.7	37.9	38.0	38.0	38.0	38.0	38.0
≥ 5000	27.9	32.2	33.9	35.2	35.3	35.3	35.3	37.5	37.6	37.9	38.1	38.2	38.2	38.2	38.2	38.2
≥ 4000	28.9	32.8	34.5	36.9	37.1	37.1	37.1	38.7	39.4	39.7	39.9	40.0	40.0	40.0	40.0	40.0
≥ 3000	29.3	33.3	35.4	37.8	38.0	38.0	38.0	39.2	39.8	40.0	40.2	40.3	40.3	40.3	40.3	40.3
≥ 2000	29.9	34.0	36.1	38.5	38.7	38.7	38.7	39.9	40.5	40.7	40.9	41.0	41.0	41.0	41.0	41.0
≥ 1500	30.0	34.2	36.4	38.8	39.0	39.0	39.0	40.2	40.8	41.0	41.2	41.3	41.3	41.3	41.3	41.3
≥ 1000	30.4	34.6	36.8	39.2	39.4	39.4	39.4	40.6	41.2	41.4	41.6	41.7	41.7	41.7	41.7	41.7
≥ 900	30.4	34.6	36.8	39.2	39.4	39.4	39.4	40.6	41.2	41.4	41.6	41.7	41.7	41.7	41.7	41.7
≥ 800	30.4	34.7	37.0	39.4	39.6	39.6	39.6	40.8	41.4	41.6	41.8	41.9	41.9	41.9	41.9	41.9
≥ 700	30.4	34.7	37.0	39.4	39.6	39.6	39.6	40.8	41.4	41.6	41.8	41.9	41.9	41.9	41.9	41.9
≥ 600	30.4	34.7	37.0	39.4	39.6	39.6	39.6	40.8	41.4	41.6	41.8	41.9	41.9	41.9	41.9	41.9
≥ 500	30.4	34.7	37.0	39.4	39.6	39.6	39.6	40.8	41.4	41.6	41.8	41.9	41.9	41.9	41.9	41.9
≥ 400	30.4	34.7	37.0	39.4	39.6	39.6	39.6	40.8	41.4	41.6	41.8	41.9	41.9	41.9	41.9	41.9
≥ 300	30.4	34.7	37.0	39.4	39.6	39.6	39.6	40.8	41.4	41.6	41.8	41.9	41.9	41.9	41.9	41.9
≥ 200	30.4	34.7	37.0	39.4	39.6	39.6	39.6	40.8	41.4	41.6	41.8	41.9	41.9	41.9	41.9	41.9
≥ 100	30.4	34.7	37.0	39.4	39.6	39.6	39.6	40.8	41.4	41.6	41.8	41.9	41.9	41.9	41.9	41.9
0	30.4	34.7	37.0	39.4	39.6	39.6	39.6	40.8	41.4	41.6	41.8	41.9	41.9	41.9	41.9	41.9

TOTAL NUMBER OF OBSERVATIONS 2439

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2	20	20	24	2.	22	2.	2	2	2	2.	2.	2	2.	2.	2
≥ [illegible]		[illegible]	44.3	45.7	45.4	[illegible]	[illegible]	[illegible]	47.4	47.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ [illegible]		[illegible]	45.4	47.1	46.1	[illegible]	[illegible]	[illegible]	47.6	47.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000		48.7	48.4	48.1	49.4	49.8	[illegible]	[illegible]	50.3	50.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500		[illegible]	47.4	48.7	50.4	[illegible]	[illegible]	[illegible]	51.1	51.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000		47.1	47.4	48.7	50.4	51.4	[illegible]	[illegible]	51.3	51.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500		46.9	47.9	49.4	51.3	51.3	[illegible]	[illegible]	51.9	52.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000		47.4	48.4	50.1	52.1	51.7	[illegible]	[illegible]	52.5	52.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500		48.2	49.3	51.1	53.1	53.2	[illegible]	[illegible]	53.8	53.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000		50.7	52.5	52.4	54.4	54.4	[illegible]	[illegible]	55.1	55.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800		51.0	52.4	53.5	55.3	55.3	[illegible]	[illegible]	56.3	56.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1600		51.2	53.1	54.4	56.2	56.4	[illegible]	[illegible]	57.4	57.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1400		52.2	54.0	56.4	58.4	58.4	[illegible]	[illegible]	59.4	59.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200		53.6	54.7	56.7	58.8	58.8	[illegible]	[illegible]	59.6	59.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000		56.3	57.9	59.9	[illegible]	62.1	[illegible]	[illegible]	63.0	63.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900		58.8	60.9	62.9	65.1	65.2	[illegible]	[illegible]	66.1	66.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800		59.8	63.4	66.1	68.4	68.6	[illegible]	[illegible]	69.7	69.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700		62.9	65.7	69.1	72.1	72.2	[illegible]	[illegible]	73.1	73.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600		64.6	67.7	71.4	74.4	74.6	[illegible]	[illegible]	75.4	75.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500		66.1	69.1	72.9	75.9	76.3	[illegible]	[illegible]	76.9	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400		68.1	71.6	75.3	78.4	78.6	[illegible]	[illegible]	79.7	79.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300		70.6	73.9	78.2	81.4	81.6	[illegible]	[illegible]	82.7	82.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200		71.2	75.4	79.7	83.1	83.2	[illegible]	[illegible]	84.6	84.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100		71.4	75.8	80.1	83.6	83.9	[illegible]	[illegible]	85.2	85.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 50		72.4	76.2	81.0	85.0	85.2	[illegible]	[illegible]	87.3	87.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0		72.4	76.9	83.5	87.6	87.8	[illegible]	[illegible]	89.6	90.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		73.3	77.8	84.3	88.6	88.7	[illegible]	[illegible]	90.4	90.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		73.8	78.0	85.1	89.3	89.4	[illegible]	[illegible]	91.4	91.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		74.2	79.0	85.5	90.0	90.2	[illegible]	[illegible]	92.3	92.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		74.3	79.1	85.7	91.0	91.2	[illegible]	[illegible]	93.3	93.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		74.3	79.1	85.7	91.0	91.2	[illegible]	[illegible]	94.4	94.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		74.3	79.1	85.7	91.0	92.2	[illegible]	[illegible]	94.7	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		74.3	79.1	85.7	91.0	92.2	[illegible]	[illegible]	94.7	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ ∞		74.3	79.1	86.0	91.1	92.1	[illegible]	[illegible]	95.0	96.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0		74.3	79.1	86.0	91.1	92.1	[illegible]	[illegible]	95.0	96.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34025 STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING		33.4	34.2	35.1	37.4	37.6	[illegible]	[illegible]	38.9	39.3	39.4	[illegible]	[illegible]	[illegible]	[illegible]
20000		34.2	35.9	38.3	40.1	40.2	[illegible]	[illegible]	41.7	42.1	42.2	42.2	42.4	42.9	[illegible]
≥ 18000		36.9	37.0	39.3	40.6	40.9	[illegible]	42.7	42.9	43.0	43.2	43.2	43.4	43.9	[illegible]
≥ 16000		37.1	37.3	39.2	41.1	41.1	[illegible]	42.4	42.6	[illegible]	43.1	43.1	43.3	43.9	[illegible]
≥ 14000		37.4	38.3	39.9	41.7	41.9	[illegible]	43.2	43.3	43.8	44.0	44.0	44.1	44.6	[illegible]
≥ 12000		[illegible]	39.0	40.4	42.4	42.6	[illegible]	44.0	44.1	44.6	44.7	44.7	44.9	45.4	[illegible]
≥ 10000		[illegible]	[illegible]	41.5	43.6	43.7	[illegible]	45.1	45.2	45.7	45.8	45.8	46.0	46.5	[illegible]
≥ 9000		[illegible]	40.6	42.1	44.2	44.3	[illegible]	45.7	45.8	46.2	46.3	46.3	46.5	46.9	[illegible]
≥ 8000		[illegible]	41.3	42.9	44.9	45.0	[illegible]	46.4	46.6	47.0	47.1	47.1	47.3	47.8	[illegible]
≥ 7000		[illegible]	41.3	43.0	45.1	45.2	[illegible]	47.2	47.3	47.8	47.9	47.9	48.1	48.6	[illegible]
≥ 6000		41.7	42.0	44.4	46.5	46.7	[illegible]	48.1	48.2	[illegible]	48.8	48.8	49.0	49.5	[illegible]
≥ 5[illegible]		[illegible]	[illegible]	46.3	48.4	48.6	[illegible]	50.2	50.3	50.9	51.0	51.0	51.2	51.8	[illegible]
≥ [illegible]		44.4	45.7	47.8	49.9	50.0	[illegible]	51.8	51.9	52.4	52.5	52.5	52.8	53.3	[illegible]
≥ [illegible]00		[illegible]	48.5	50.4	52.7	52.9	[illegible]	54.9	55.0	55.6	55.7	55.7	55.9	56.5	[illegible]
≥ 3500		[illegible]	50.6	53.3	55.6	55.8	[illegible]	58.4	58.6	59.1	59.2	59.2	59.4	59.9	[illegible]
≥ [illegible]000		51.1	52.7	56.1	58.5	58.7	[illegible]	61.3	61.4	62.0	62.1	62.1	62.3	62.8	[illegible]
≥ 2500		52.7	54.4	58.0	61.0	61.2	[illegible]	64.4	64.6	65.2	65.3	65.3	65.5	66.0	[illegible]
≥ 2000		[illegible]	56.1	60.3	63.7	63.9	[illegible]	66.4	66.6	67.2	67.3	67.3	67.5	67.8	[illegible]
≥ 1800		54.9	[illegible]	61.2	64.5	64.7	[illegible]	67.4	67.6	68.2	68.3	68.3	68.5	68.8	[illegible]
≥ 1500		56.9	59.6	64.1	67.7	67.9	[illegible]	70.9	71.1	71.8	71.9	71.9	72.2	72.6	[illegible]
≥ 1200		58.7	61.4	65.7	69.4	69.6	[illegible]	73.6	73.8	74.6	74.7	74.7	75.0	75.6	[illegible]
≥ 1000		[illegible]	63.1	68.0	72.0	72.2	[illegible]	76.7	76.9	77.7	77.8	77.8	78.1	78.6	[illegible]
≥ 900		61.4	64.0	69.4	73.7	73.8	[illegible]	77.7	77.9	78.7	78.8	78.8	79.1	79.6	[illegible]
≥ 800		[illegible]	[illegible]	71.4	75.8	75.9	[illegible]	80.1	80.3	81.1	81.3	81.3	81.7	82.1	[illegible]
≥ 700		63.3	66.4	72.5	77.1	77.4	[illegible]	81.9	82.1	82.9	83.1	83.1	83.4	83.9	[illegible]
≥ 0		[illegible]	67.0	73.9	79.4	79.7	[illegible]	84.0	84.2	85.1	85.3	85.3	85.7	86.2	[illegible]
≥ 500		64.8	68.1	75.0	80.7	80.8	[illegible]	86.4	86.8	87.8	87.8	87.9	88.1	88.7	[illegible]
≥ 400		65.1	68.4	75.6	81.6	81.7	[illegible]	87.2	87.6	88.6	88.7	88.8	89.0	89.6	[illegible]
≥ 300		65.2	68.6	76.0	82.7	82.8	[illegible]	89.7	90.2	91.4	91.5	91.6	92.0	92.6	[illegible]
≥ 200		65.3	68.7	76.2	82.9	83.0	[illegible]	90.4	91.1	92.8	93.3	93.4	94.1	94.8	[illegible]
≥ 100		65.3	68.7	76.2	82.9	83.1	[illegible]	91.2	92.0	93.9	94.4	94.5	95.3	96.1	[illegible]
≥ 0		65.3	68.7	76.2	82.9	83.1	[illegible]	91.2	92.0	93.9	94.4	94.5	95.3	96.1	[illegible]

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 STATION | HAHN AFB/NO SOUTH GERMANY STATION NAME | 5-77 YEARS | ANN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(00 1-24) HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		29.7	30.4	31.1	35.4	33.6	34.1	34.5	34.7	35.3	35.4	35.4	35.4	35.6	35.6	35.6
≥ 20000		32.5	33.4	34.1	36.0	36.8	37.4	37.7	37.9	38.6	38.7	38.7	38.7	38.9	38.9	38.9
≥ 18000		33.5	34.4	35.1	37.0	37.9	38.4	38.7	38.9	39.6	39.7	39.7	39.7	39.9	39.9	39.9
≥ 16000		33.5	34.4	35.1	37.0	37.9	38.4	38.7	38.9	39.6	39.7	39.7	39.7	39.9	39.9	39.9
≥ 14000		34.3	35.2	35.9	38.7	39.6	40.2	40.5	40.7	41.4	41.5	41.5	41.5	41.7	41.7	41.7
≥ 12000		34.7	35.7	36.4	39.2	40.4	41.0	41.4	41.6	42.3	42.4	42.4	42.4	42.6	42.6	42.6
≥ 10000		35.7	37.0	38.5	41.5	42.9	43.5	43.9	44.1	44.8	44.9	44.9	44.9	45.1	45.1	45.1
≥ 9000		37.6	38.7	39.4	42.2	43.4	44.0	44.4	44.6	45.3	45.4	45.4	45.4	45.6	45.6	45.6
≥ 8000		38.8	40.0	40.7	43.5	44.7	45.4	45.7	45.9	46.6	46.7	46.7	46.7	46.9	46.9	46.9
≥ 7000		39.9	41.1	41.8	44.6	45.9	46.5	46.9	47.1	47.8	47.9	47.9	47.9	48.1	48.1	48.1
≥ 6000		40.7	41.9	42.6	45.5	46.7	47.4	47.8	48.0	48.7	48.8	48.8	48.8	49.0	49.0	49.0
≥ 5000		42.4	43.6	44.5	47.5	48.7	49.4	49.8	50.0	50.7	50.8	50.8	50.8	51.0	51.0	51.0
≥ 4500		43.2	44.4	45.4	48.5	49.8	50.5	50.9	51.1	51.8	51.9	51.9	51.9	52.1	52.1	52.1
≥ 4000		44.9	46.0	47.3	50.4	51.8	52.5	52.9	53.1	53.8	53.9	53.9	53.9	54.2	54.2	54.2
≥ 3500		46.6	48.5	49.4	52.6	54.0	54.7	55.1	55.3	56.0	56.1	56.1	56.1	56.4	56.4	56.4
≥ 3000		48.4	50.4	51.1	54.3	55.8	56.5	56.9	57.1	57.8	57.9	57.9	57.9	58.2	58.2	58.2
≥ 2500		50.1	52.4	53.2	56.7	58.2	58.9	59.3	59.5	60.2	60.3	60.3	60.3	60.6	60.6	60.6
≥ 2000		52.6	54.9	55.8	59.6	61.1	61.8	62.2	62.5	63.2	63.4	63.4	63.4	63.7	63.7	63.7
≥ 1800		53.3	55.7	56.6	60.5	62.0	62.8	63.2	63.4	64.1	64.3	64.4	64.4	64.6	64.7	64.7
≥ 1500		55.2	58.1	59.0	64.0	65.7	66.7	67.2	67.3	68.1	68.3	68.4	68.4	68.6	68.7	68.7
≥ 1200		58.1	60.7	62.3	67.2	69.1	70.3	70.8	71.0	71.7	72.0	72.1	72.1	72.3	72.4	72.4
≥ 1000		59.9	62.4	64.0	69.3	71.3	72.6	73.1	73.4	74.2	74.4	74.5	74.5	74.7	74.8	74.8
≥ 900		60.1	63.1	64.8	70.3	72.3	73.6	74.1	74.4	75.2	75.4	75.5	75.5	75.8	75.9	76.0
≥ 800		60.6	63.7	65.9	71.7	73.8	75.1	75.6	75.9	76.6	76.9	77.0	77.0	77.2	77.3	77.4
≥ 700		61.6	65.0	67.3	73.3	75.7	77.0	77.5	77.8	78.5	78.9	78.9	78.9	79.1	79.2	79.3
≥ 600		62.8	66.2	68.9	75.0	77.6	78.9	79.3	79.6	80.3	80.7	80.7	80.7	80.9	81.0	81.0
≥ 500		63.1	66.7	69.5	77.0	79.8	81.2	81.7	82.0	82.8	83.1	83.1	83.1	83.3	83.4	83.4
≥ 400		63.9	67.5	70.1	77.8	80.5	82.2	82.8	83.1	83.8	84.1	84.2	84.2	84.4	84.5	84.5
≥ 300		63.9	67.4	70.5	78.2	81.1	82.9	83.6	84.0	84.8	85.1	85.2	85.2	85.5	85.7	85.7
≥ 200		63.9	67.4	70.5	78.2	81.1	82.9	83.6	84.0	84.8	85.1	85.2	85.2	85.5	85.7	85.7
≥ 100		63.9	67.4	70.5	78.2	81.1	82.9	83.6	84.0	84.8	85.1	85.2	85.2	85.5	85.7	85.7
≥ 0		63.9	67.4	70.5	78.2	81.1	82.9	83.6	84.0	84.8	85.1	85.2	85.2	85.5	85.7	85.7

TOTAL NUMBER OF OBSERVATIONS 599

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

DATA PROCESSING BRANCH
USAF ETAC
FIELD PAPER SERVICE/ MC

3

CEILING VERSUS VISIBILITY

34022 — LIHUE AP/HONOLULU HAWAII — — — —
STATION NAME — YEARS — MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING		30.9	30.0	31.2	31.4	31.5	32.4	32.6	32.8	32.6	32.7	32.8	32.6	32.6	32.6
≥ 20000		36.9	36.7	37.1	37.3	37.5	37.8	38.0	38.2	38.0	38.1	38.2	38.0	38.0	38.0
≥ 18000		37.4	37.4	38.0	38.2	38.4	38.6	38.8	39.0	38.8	38.9	39.0	38.8	38.8	38.8
≥ 16000		38.1	38.4	39.2	39.4	39.6	39.8	40.0	40.2	40.0	40.1	40.2	40.0	40.0	40.0
≥ 14000		38.9	38.8	39.7	40.2	40.4	40.7	41.0	41.2	41.0	41.1	41.2	41.0	41.0	41.0
≥ 12000		39.8	39.5	40.4	41.2	41.6	42.1	42.3	42.5	42.3	42.4	42.5	42.3	42.3	42.3
≥ 10000		40.4	40.6	41.7	42.4	42.5	43.0	43.1	43.3	43.1	43.2	43.3	43.1	43.1	43.1
≥ 9000		41.3	41.4	42.3	43.0	43.1	43.6	43.7	43.9	43.7	43.8	43.9	43.7	43.7	43.7
≥ 8000		42.1	42.4	43.3	44.0	44.2	44.7	45.0	45.2	45.0	45.1	45.2	45.0	45.0	45.0
≥ 7000		43.3	44.0	44.9	45.7	46.0	46.5	46.8	46.9	46.8	46.9	46.9	46.8	46.8	46.8
≥ 6000		43.8	44.3	45.4	46.4	46.8	47.3	47.6	47.8	47.6	47.7	47.8	47.6	47.6	47.6
≥ 5000		44.1	45.2	46.4	47.5	47.8	48.3	48.5	48.7	48.5	48.6	48.7	48.5	48.5	48.5
≥ 4500		45.2	46.1	47.2	48.3	48.6	49.1	49.4	49.6	49.4	49.5	49.6	49.4	49.4	49.4
≥ 4000		48.6	49.4	50.1	51.2	51.5	52.1	52.4	52.6	52.4	52.5	52.6	52.4	52.4	52.4
≥ 3500		50.3	51.3	52.2	53.4	53.8	54.4	54.7	54.9	54.7	54.8	54.9	54.7	54.7	54.7
≥ 3000		54.8	55.8	56.8	57.9	58.3	58.9	59.2	59.4	59.2	59.3	59.4	59.2	59.2	59.2
≥ 2500		57.3	58.4	59.4	60.6	61.0	61.6	62.0	62.2	62.0	62.1	62.2	62.0	62.0	62.0
≥ 2000		64.9	66.0	66.9	68.0	68.4	69.1	69.4	69.6	69.4	69.5	69.6	69.4	69.4	69.4
≥ 1800		66.4	67.5	68.5	69.7	70.1	70.8	71.1	71.3	71.1	71.2	71.3	71.1	71.1	71.1
≥ 1500		71.4	72.4	73.5	74.8	75.2	75.9	76.2	76.4	76.2	76.3	76.4	76.2	76.2	76.2
≥ 1200		74.9	76.0	77.2	78.5	78.9	79.6	79.9	80.1	79.9	80.0	80.1	79.9	79.9	79.9
≥ 1000		76.4	77.5	78.7	80.0	80.4	81.1	81.4	81.6	81.4	81.5	81.6	81.4	81.4	81.4
≥ 900		77.2	78.3	79.5	80.8	81.2	81.9	82.2	82.4	82.2	82.3	82.4	82.2	82.2	82.2
≥ 800		77.5	78.6	79.8	81.1	81.5	82.2	82.5	82.7	82.5	82.6	82.7	82.5	82.5	82.5
≥ 700		77.9	79.0	80.2	81.5	81.9	82.6	82.9	83.1	82.9	83.0	83.1	82.9	82.9	82.9
≥ 600		78.4	79.5	80.7	82.0	82.4	83.1	83.4	83.6	83.4	83.5	83.6	83.4	83.4	83.4
≥ 500		79.2	80.3	81.5	82.8	83.2	83.9	84.2	84.4	84.2	84.3	84.4	84.2	84.2	84.2
≥ 400		79.2	80.3	81.5	82.8	83.2	83.9	84.2	84.4	84.2	84.3	84.4	84.2	84.2	84.2
≥ 300		79.3	80.4	81.6	82.9	83.3	84.0	84.3	84.5	84.3	84.4	84.5	84.3	84.3	84.3
≥ 200		79.3	80.4	81.6	82.9	83.3	84.0	84.3	84.5	84.3	84.4	84.5	84.3	84.3	84.3
≥ 100		79.3	80.4	81.6	82.9	83.3	84.0	84.3	84.5	84.3	84.4	84.5	84.3	84.3	84.3
≥ 0		79.3	80.4	81.6	82.9	83.3	84.0	84.3	84.5	84.3	84.4	84.5	84.3	84.3	84.3

TOTAL NUMBER OF OBSERVATIONS 997

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

3

USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34027 [illegible] AFB, [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0 &	≤¼	=0
NO CEILING	[illegible]	30.4	30.4	31.1	31.1	[illegible]	31.2	31.2	31.2	31.2	31.2	[illegible]	31.2	31.4	[illegible]
≥ 20000	[illegible]	36.2	36.4	37.1	37.1	[illegible]	37.2	37.2	37.2	37.2	37.2	[illegible]	37.2	37.4	[illegible]
≥ 8000	[illegible]	36.7	36.9	37.6	37.6	[illegible]	37.7	37.7	37.7	37.7	37.7	[illegible]	37.7	37.9	[illegible]
≥ 6000	[illegible]	37.3	37.5	38.1	38.1	[illegible]	38.3	38.3	38.3	38.3	38.3	[illegible]	38.3	38.5	[illegible]
≥ 4000	[illegible]	37.7	37.9	38.6	38.6	[illegible]	38.8	38.8	38.8	38.8	38.8	[illegible]	38.8	39.0	[illegible]
≥ 2200	[illegible]	39.1	39.4	40.2	40.2	[illegible]	40.4	40.4	40.4	40.4	40.4	[illegible]	40.4	40.6	[illegible]
≥ 1600	[illegible]	40.2	40.5	41.3	41.3	[illegible]	41.6	41.6	41.6	41.6	41.6	[illegible]	41.6	41.8	[illegible]
≥ 1000	[illegible]	40.8	41.1	41.9	41.9	[illegible]	42.1	42.1	42.1	42.1	42.1	[illegible]	42.1	42.3	[illegible]
≥ 800	[illegible]	42.4	42.8	43.7	43.7	[illegible]	43.9	43.9	43.9	43.9	43.9	[illegible]	43.9	44.1	[illegible]
≥ 700	[illegible]	43.0	43.4	44.2	44.2	[illegible]	44.5	44.5	44.5	44.5	44.5	[illegible]	44.5	44.7	[illegible]
≥ 600	[illegible]	44.2	44.6	45.7	45.7	[illegible]	45.9	45.9	45.9	45.9	45.9	[illegible]	45.9	46.1	[illegible]
≥ 500	[illegible]	45.7	46.1	47.1	47.1	[illegible]	47.3	47.3	47.3	47.3	47.3	[illegible]	47.3	47.5	[illegible]
≥ 450	[illegible]	47.1	47.5	48.5	48.5	[illegible]	49.0	49.0	49.0	49.0	49.0	[illegible]	49.0	49.2	[illegible]
≥ 400	[illegible]	51.4	51.8	52.8	52.8	[illegible]	53.4	53.4	53.4	53.4	53.4	[illegible]	53.4	53.6	[illegible]
≥ 350	[illegible]	56.4	56.8	58.2	58.2	[illegible]	58.4	58.4	58.4	58.4	58.4	[illegible]	58.4	58.6	[illegible]
≥ 300	[illegible]	63.0	63.7	65.1	65.2	[illegible]	65.3	65.3	65.3	65.3	65.3	[illegible]	65.3	65.5	[illegible]
≥ 250	[illegible]	70.4	70.9	72.3	72.4	[illegible]	72.8	72.8	72.8	72.8	72.8	[illegible]	72.8	73.0	[illegible]
≥ 200	[illegible]	75.9	76.3	78.1	78.2	[illegible]	78.6	78.6	78.6	78.6	78.6	[illegible]	78.6	78.8	[illegible]
≥ 180	[illegible]	77.4	77.8	79.6	79.8	[illegible]	79.9	79.9	79.9	79.9	79.9	[illegible]	79.9	80.1	[illegible]
≥ 150	[illegible]	80.7	81.3	83.0	83.2	[illegible]	84.0	84.1	84.1	84.1	84.1	[illegible]	84.1	84.3	[illegible]
≥ 120	[illegible]	83.4	85.0	87.3	87.4	[illegible]	87.8	88.0	88.0	88.0	88.0	[illegible]	88.0	88.2	[illegible]
≥ 100	[illegible]	85.7	86.9	89.2	89.3	[illegible]	89.7	89.9	90.0	90.0	90.0	[illegible]	90.0	90.2	[illegible]
≥ 90	[illegible]	85.8	87.1	89.4	89.6	[illegible]	89.9	90.1	90.2	90.2	90.2	[illegible]	90.2	90.4	[illegible]
≥ 80	[illegible]	86.4	87.9	91.1	91.1	[illegible]	91.8	92.0	92.1	92.1	92.1	[illegible]	92.1	92.3	[illegible]
≥ 70	[illegible]	86.8	88.2	91.3	91.6	[illegible]	92.2	92.4	92.7	92.7	92.7	[illegible]	92.7	92.9	[illegible]
≥ 60	[illegible]	87.2	88.9	92.3	92.7	[illegible]	93.3	93.6	93.8	93.8	93.8	[illegible]	93.8	94.0	[illegible]
≥ 50	[illegible]	87.8	89.6	93.4	93.9	[illegible]	94.8	95.1	95.4	95.4	95.4	[illegible]	95.4	95.6	[illegible]
≥ 40	[illegible]	87.9	89.7	93.5	94.4	[illegible]	95.7	96.2	96.7	96.7	96.8	[illegible]	96.8	97.0	[illegible]
≥ 30	[illegible]	87.9	89.7	93.9	94.4	[illegible]	96.1	96.9	97.9	98.1	98.3	[illegible]	98.4	98.6	[illegible]
≥ 20	[illegible]	87.9	89.7	93.9	94.4	[illegible]	96.3	97.2	98.3	98.6	98.9	[illegible]	99.1	99.3	[illegible]
≥ 100	[illegible]	87.9	89.7	93.9	94.4	[illegible]	96.4	97.3	98.4	98.8	99.2	[illegible]	99.4	99.7	[illegible]
≥ 0	[illegible]	87.9	89.7	93.9	94.4	[illegible]	96.4	97.3	98.4	98.8	99.2	[illegible]	99.4	99.7	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS;

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥	≥5/8	≥	≥
NO CEILING		37.2	38.0	38.4	39.1	39.3	[illegible]	[illegible]	39.7	39.8	[illegible]	[illegible]	[illegible]	39.8	39.9	[illegible]
≥ 20000		41.4	42.4	42.8	43.3	43.5	[illegible]	[illegible]	43.8	43.8	43.8	[illegible]	[illegible]	43.8	43.8	[illegible]
≥ 8000		42.9	43.8	43.8	44.3	[illegible]	[illegible]	[illegible]	44.2	44.2	[illegible]	[illegible]	[illegible]	44.2	44.2	44.2
≥ 6000		43.7	43.7	44.1	44.3	[illegible]	[illegible]	[illegible]	44.8	44.9	44.9	[illegible]	[illegible]	44.9	44.9	44.9
≥ 4000		43.9	44.3	44.7	45.2	45.4	[illegible]	45.4	45.4	45.5	45.5	[illegible]	[illegible]	45.5	45.5	45.5
≥ 2500		44.9	45.3	46.1	46.3	[illegible]	[illegible]	46.7	47.0	47.0	47.0	[illegible]	[illegible]	47.0	47.0	47.0
≥ 1000		47.1	47.7	48.4	48.6	48.8	[illegible]	49.1	49.2	49.2	49.2	[illegible]	[illegible]	49.2	49.2	49.2
≥ 900		47.2	48.3	48.9	49.1	49.4	[illegible]	49.8	49.9	49.7	49.7	[illegible]	[illegible]	49.7	49.7	49.7
≥ 800		50.1	50.3	51.3	51.5	51.9	[illegible]	52.2	52.3	52.4	52.4	[illegible]	[illegible]	52.4	52.4	52.4
≥ 700		52.1	52.3	53.4	53.6	55.3	[illegible]	55.3	55.4	55.4	55.4	[illegible]	[illegible]	55.4	55.4	55.4
≥ 600		53.4	54.3	54.9	55.4	55.4	[illegible]	55.8	55.9	55.9	55.9	[illegible]	[illegible]	55.9	55.9	55.9
≥ 500		56.1	56.9	57.7	58.2	58.2	[illegible]	58.6	58.7	58.7	58.7	[illegible]	[illegible]	58.7	58.7	58.7
≥ 450		56.7	57.3	58.3	59.1	59.1	[illegible]	59.4	59.6	59.6	59.6	[illegible]	[illegible]	59.6	59.6	59.6
≥ 400		63.7	64.4	65.1	65.4	65.4	[illegible]	65.9	66.1	66.0	66.0	[illegible]	[illegible]	66.0	66.0	66.0
≥ 350		67.4	68.1	69.1	69.4	69.7	[illegible]	70.1	70.2	70.2	70.2	[illegible]	[illegible]	70.2	70.2	70.2
≥ 300		71.0	72.1	73.1	74.2	74.2	[illegible]	74.8	74.9	74.9	74.9	[illegible]	[illegible]	74.9	74.9	74.9
≥ 250		75.4	76.8	77.8	77.9	77.9	[illegible]	78.4	78.6	78.6	78.6	[illegible]	[illegible]	78.6	78.6	78.6
≥ 200		78.4	79.4	80.3	81.2	81.2	[illegible]	81.9	82.0	82.0	82.0	[illegible]	[illegible]	82.0	82.0	82.0
≥ 180		79.3	80.3	81.2	82.1	82.1	[illegible]	82.8	82.9	82.9	82.9	[illegible]	[illegible]	82.9	82.9	82.9
≥ 150		81.4	82.6	83.4	84.3	84.3	[illegible]	85.4	85.6	85.6	85.6	[illegible]	[illegible]	85.6	85.6	85.6
≥ 120		83.7	85.3	86.1	87.4	87.4	[illegible]	88.2	88.3	88.3	88.4	[illegible]	[illegible]	88.4	88.4	88.4
≥ 100		84.9	86.2	87.4	89.0	89.0	[illegible]	90.0	90.1	90.2	90.3	[illegible]	[illegible]	90.3	90.3	90.3
≥ 90		85.4	86.9	88.2	89.6	89.8	[illegible]	90.8	90.9	91.0	91.1	[illegible]	[illegible]	91.1	91.1	91.1
≥ 80		86.7	87.4	89.0	90.4	90.8	[illegible]	91.9	92.0	92.1	92.2	[illegible]	[illegible]	92.2	92.2	92.2
≥ 70		86.2	87.7	89.4	92.0	92.0	[illegible]	93.2	93.3	93.4	93.6	[illegible]	[illegible]	93.6	93.6	93.6
≥ 60		87.1	88.7	91.2	93.4	93.4	[illegible]	94.7	94.9	95.0	95.1	[illegible]	[illegible]	95.1	95.1	95.1
≥ 50		87.2	89.1	91.8	94.7	94.7	[illegible]	96.0	96.3	96.4	96.6	[illegible]	[illegible]	96.6	96.6	96.6
≥ 40		87.3	89.2	92.1	95.1	95.1	[illegible]	96.4	96.8	96.9	97.1	[illegible]	[illegible]	97.0	97.0	97.1
≥ 30		87.4	89.3	92.3	95.4	95.4	[illegible]	97.1	97.4	97.8	97.9	[illegible]	[illegible]	98.1	98.1	98.2
≥ 20		87.4	89.3	92.3	95.6	95.6	[illegible]	97.2	97.6	98.2	98.3	[illegible]	[illegible]	98.3	98.3	98.4
≥ 10		87.4	[illegible]	92.3	95.6	95.6	[illegible]	97.3	97.7	98.3	98.4	[illegible]	[illegible]	98.4	98.4	98.5
≥ 0		87.4	89.3	92.3	95.6	95.6	[illegible]	97.3	97.7	98.3	98.4	[illegible]	[illegible]	98.4	98.4	98.5

TOTAL NUMBER OF OBSERVATIONS 900

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

3

USAF ETAC
USAF ETAC
AIR WEATHER SERVICE/ MAC

CEILING VERSUS VISIBILITY

94035 [illegible] AP/MO SPOKANE INTERNATIONAL [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ 2 1/2	≥ [illegible]	≥ [illegible]
NO CEILING		41.4	42.[illegible]	42.[illegible]	43.[illegible]	43.[illegible]	44.[illegible]	44.[illegible]	44.3	44.3	44.[illegible]	44.[illegible]	44.[illegible]	44.3	44.3	44.[illegible]
≥ 20000		50.[illegible]	50.1	51.[illegible]	52.[illegible]	52.[illegible]	53.[illegible]	53.[illegible]	53.2	53.2	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.2
≥ 8000		50.[illegible]	50.[illegible]	52.[illegible]	53.[illegible]	53.[illegible]	54.[illegible]	54.[illegible]	54.1	54.1	54.[illegible]	54.[illegible]	54.[illegible]	54.1	54.1	54.1
≥ 6000		51.[illegible]	51.[illegible]	53.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]
≥ 4000		51.[illegible]	52.1	53.[illegible]	54.[illegible]	54.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]
≥ 3000		52.[illegible]	53.1	54.[illegible]	55.[illegible]	55.[illegible]	56.1	56.1	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]
≥ 2000		54.[illegible]	55.1	56.[illegible]	57.[illegible]	57.[illegible]	58.1	58.1	58.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]
≥ 1000		55.[illegible]	55.[illegible]	57.[illegible]	58.[illegible]	58.[illegible]	58.9	58.9	59.2	59.2	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]
≥ 900		57.[illegible]	57.[illegible]	59.[illegible]	60.[illegible]	60.[illegible]	61.[illegible]	61.[illegible]	61.2	61.2	61.[illegible]	61.[illegible]	61.[illegible]	61.2	61.2	61.[illegible]
≥ 800		58.[illegible]	59.[illegible]	61.[illegible]	62.[illegible]	62.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]
≥ 700		59.[illegible]	60.[illegible]	62.[illegible]	63.[illegible]	63.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]
≥ 600		63.[illegible]	63.[illegible]	65.[illegible]	66.[illegible]	66.[illegible]	67.[illegible]	67.[illegible]	67.2	67.2	67.[illegible]	67.[illegible]	67.[illegible]	67.2	67.[illegible]	67.[illegible]
≥ 500		65.[illegible]	65.[illegible]	67.[illegible]	68.[illegible]	68.[illegible]	69.1	69.1	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]
≥ 400		67.[illegible]	68.[illegible]	70.[illegible]	71.[illegible]	71.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]
≥ 350		71.[illegible]	72.[illegible]	74.[illegible]	75.[illegible]	75.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]
≥ 300		73.[illegible]	76.[illegible]	77.[illegible]	79.[illegible]	79.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]
≥ 250		75.[illegible]	77.[illegible]	79.[illegible]	80.[illegible]	80.[illegible]	81.2	81.2	81.[illegible]	81.6	81.[illegible]	81.[illegible]	81.[illegible]	81.6	81.[illegible]	81.[illegible]
≥ 200		76.[illegible]	78.[illegible]	80.[illegible]	82.[illegible]	82.[illegible]	83.[illegible]	83.2	83.[illegible]	83.6	83.6	83.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]
≥ 150		77.[illegible]	79.[illegible]	81.[illegible]	83.[illegible]	83.[illegible]	84.1	84.3	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]
≥ 100		78.[illegible]	81.[illegible]	83.[illegible]	85.[illegible]	85.[illegible]	86.[illegible]	86.[illegible]	86.[illegible]	86.[illegible]	86.[illegible]	86.[illegible]	86.[illegible]	86.[illegible]	86.[illegible]	86.[illegible]
≥ 70		81.[illegible]	83.[illegible]	85.[illegible]	87.[illegible]	87.[illegible]	88.[illegible]	88.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]
≥ 50		81.[illegible]	83.[illegible]	85.[illegible]	87.[illegible]	87.[illegible]	89.[illegible]	89.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]
≥ 30		82.[illegible]	85.[illegible]	87.[illegible]	89.[illegible]	89.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]
≥ 0		82.[illegible]	85.[illegible]	87.[illegible]	90.[illegible]	90.[illegible]	91.[illegible]	91.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]
≥ 900		82.[illegible]	85.[illegible]	87.[illegible]	90.[illegible]	90.[illegible]	91.[illegible]	91.8	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]
≥ 800		82.[illegible]	85.[illegible]	88.[illegible]	90.[illegible]	90.[illegible]	92.[illegible]	92.6	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]
≥ 700		82.[illegible]	85.[illegible]	88.[illegible]	91.[illegible]	91.[illegible]	93.[illegible]	93.4	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]
≥ 600		82.[illegible]	86.[illegible]	89.[illegible]	91.[illegible]	91.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]
≥ 500		82.[illegible]	86.[illegible]	89.[illegible]	91.[illegible]	91.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]
≥ 400		83.[illegible]	86.[illegible]	89.[illegible]	92.[illegible]	92.[illegible]	94.[illegible]	94.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]
≥ 300		83.[illegible]	86.[illegible]	89.[illegible]	92.[illegible]	92.[illegible]	94.[illegible]	95.[illegible]	96.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]
≥ 200		83.[illegible]	86.[illegible]	89.[illegible]	92.[illegible]	92.[illegible]	95.[illegible]	96.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]
≥ 100		83.[illegible]	86.[illegible]	89.[illegible]	92.[illegible]	92.[illegible]	95.[illegible]	96.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
≥ 0		83.[illegible]	86.[illegible]	89.[illegible]	92.[illegible]	92.[illegible]	95.[illegible]	96.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24033 | NAHA, A/H, OKINAWA | 63-72 | | JAN-DEC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0100-0400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING		44.4	45.3	46.2	47.1	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 20000		48.7	49.4	51.4	52.8	53.2	53.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000		50.1	50.7	52.7	53.3	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 6000		50.3	51.4	53.4	54.7	54.7	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000		51.2	51.8	53.8	55.2	55.1	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 12000		51.3	52.0	54.0	55.4	55.2	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000		53.2	53.9	55.9	57.2	57.1	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 9000		54.2	54.9	56.9	58.2	58.1	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 8000		56.9	58.0	59.8	61.1	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 7000		57.4	58.4	60.2	61.7	61.7	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 6000		57.8	58.8	60.6	62.1	62.1	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 5000		60.1	61.4	63.2	64.8	64.8	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4500		61.7	62.2	64.2	65.8	65.8	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4000		63.9	65.0	67.1	68.6	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 3500		67.1	68.9	70.9	72.5	72.6	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3000		69.9	72.1	74.1	76.2	76.2	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2500		72.9	74.8	76.9	79.2	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2000		74.9	76.9	79.3	81.7	81.9	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1800		76.4	77.3	79.9	82.4	82.6	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500		76.4	79.2	81.9	84.4	84.4	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1200		78.1	81.1	83.8	86.7	86.7	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000		79.3	82.4	85.2	88.1	88.1	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900		79.7	82.9	85.7	88.7	88.7	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800		80.3	83.7	86.5	89.6	89.6	90.2	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 700		80.7	84.2	87.8	91.1	91.1	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600		80.9	84.4	88.0	92.1	92.1	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500		80.9	84.4	88.1	92.3	92.3	93.2	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 400		81.3	84.9	88.6	93.2	93.3	94.2	94.7	94.8	95.3	95.4	95.4	95.4	95.4	95.4
≥ 300		81.3	84.9	88.6	93.7	93.9	94.7	95.1	95.3	96.0	96.1	96.2	96.2	96.2	96.2
≥ 200		81.3	84.9	88.6	93.8	94.0	94.8	95.4	96.0	97.0	97.4	97.4	97.4	97.4	97.4
≥ 100		81.3	84.9	88.8	93.8	94.0	94.9	95.6	96.3	97.6	97.9	98.2	98.4	99.2	99.4
≥ 0		81.3	84.9	88.8	93.8	94.0	94.9	95.6	96.3	97.6	97.9	98.2	98.4	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS 900

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

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94929 HOUTON AP/HOUSTON INTERCONTINENTAL — 8-12 — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	<¼	≥0
NO CEILING	39.7	40.3	41.1	41.8	42.2	42.7	43.4	43.9	44.1	44.4	44.5	44.6	44.7	45.0	45.0
≥10000	41.7	42.3	43.1	43.8	44.2	44.7	45.4	45.9	46.1	46.4	46.5	46.6	46.7	47.0	47.0
≥ 8000	41.9	42.6	43.5	44.2	44.6	45.1	45.8	46.3	46.5	46.8	46.9	47.0	47.1	47.4	47.4
≥ 6000	42.1	42.7	43.6	44.3	44.8	45.3	46.0	46.5	46.7	47.0	47.1	47.2	47.3	47.6	47.6
≥ 4000	42.9	43.6	44.7	45.4	45.9	46.4	47.1	47.6	47.8	48.1	48.2	48.3	48.4	48.7	48.7
≥ 2000	43.2	44.1	45.2	46.0	46.4	46.9	47.6	48.1	48.3	48.6	48.7	48.8	48.9	49.2	49.2
≥ 1000	44.5	45.5	46.6	47.4	47.9	48.4	49.1	49.6	49.8	50.1	50.2	50.3	50.4	50.7	50.7
≥ 900	44.8	45.8	46.9	47.7	48.2	48.7	49.4	49.9	50.1	50.4	50.5	50.6	50.7	51.0	51.0
≥ 800	45.1	46.2	47.3	48.1	48.6	49.1	49.8	50.3	50.5	50.8	50.9	51.0	51.1	51.4	51.4
≥ 700	47.0	48.2	49.3	50.1	50.6	51.1	51.8	52.3	52.5	52.8	52.9	53.0	53.1	53.4	53.4
≥ 600	47.5	48.7	49.8	50.6	51.1	51.6	52.3	52.8	53.0	53.3	53.4	53.5	53.6	53.9	53.9
≥ 500	48.1	49.3	50.4	51.2	51.7	52.2	52.9	53.4	53.6	53.9	54.0	54.1	54.2	54.5	54.5
≥ 450	50.1	51.3	52.4	53.2	53.7	54.2	54.9	55.4	55.6	55.9	56.0	56.1	56.2	56.5	56.5
≥ 400	50.4	51.6	52.8	53.6	54.1	54.6	55.3	55.8	56.0	56.3	56.4	56.5	56.6	56.9	56.9
≥ 350	52.0	53.1	54.3	55.1	55.6	56.1	56.8	57.3	57.5	57.8	57.9	58.0	58.1	58.4	58.4
≥ 300	52.4	53.6	54.8	55.7	56.2	56.7	57.4	57.9	58.1	58.4	58.5	58.6	58.7	59.0	59.0
≥ 250	54.5	55.8	57.1	58.0	58.5	59.0	59.7	60.2	60.4	60.7	60.8	60.9	61.0	61.3	61.3
≥ 200	54.9	56.2	57.5	58.4	58.9	59.4	60.1	60.6	60.8	61.1	61.2	61.3	61.4	61.7	61.7
≥ 150	56.4	57.8	59.1	60.0	60.5	61.0	61.7	62.2	62.4	62.7	62.8	62.9	63.0	63.3	63.3
≥ 100	56.8	58.2	59.5	60.4	60.9	61.4	62.1	62.6	62.8	63.1	63.2	63.3	63.4	63.7	63.7
≥ 90	57.0	58.4	59.7	60.6	61.1	61.6	62.3	62.8	63.0	63.3	63.4	63.5	63.6	63.9	63.9
≥ 80	57.2	58.6	59.9	60.8	61.3	61.8	62.5	63.0	63.2	63.5	63.6	63.7	63.8	64.1	64.1
≥ 70	57.3	58.7	60.0	60.9	61.4	61.9	62.6	63.1	63.3	63.6	63.7	63.8	63.9	64.2	64.2
≥ 60	57.4	58.8	60.1	61.0	61.5	62.0	62.7	63.2	63.4	63.7	63.8	63.9	64.0	64.3	64.3
≥ 50	57.5	58.9	60.2	61.1	61.6	62.1	62.8	63.3	63.5	63.8	63.9	64.0	64.1	64.4	64.4
≥ 40	57.6	59.0	60.3	61.2	61.7	62.2	62.9	63.4	63.6	63.9	64.0	64.1	64.2	64.5	64.5
≥ 30	57.7	59.1	60.4	61.3	61.8	62.3	63.0	63.5	63.7	64.0	64.1	64.2	64.3	64.6	64.6
≥ 20	57.8	59.2	60.5	61.4	61.9	62.4	63.1	63.6	63.8	64.1	64.2	64.3	64.4	64.7	64.7
≥ 10	57.9	59.3	60.6	61.5	62.0	62.5	63.2	63.7	63.9	64.2	64.3	64.4	64.5	64.8	64.8
≥ 0	57.9	59.3	60.6	61.5	62.0	62.5	63.2	63.7	63.9	64.2	64.3	64.4	64.5	64.8	64.8

TOTAL NUMBER OF OBSERVATIONS 7175

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

3

[illegible] PRECEDING PAGE BLANK
[illegible]
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] AF/MC SPACE TRK Y STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOUR(S)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING		40.3	41.0	43.3	44.7	44.7	44.2	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.4
≥ 20000		44.7	46.1	47.9	49.1	49.1	49.5	51.5	52.0	52.8	53.0	53.1	53.1	53.1	53.2
≥ 18000		44.9	46.2	47.9	49.3	49.3	49.8	51.8	52.3	53.1	53.3	53.4	53.4	53.4	53.6
≥ 16000		44.9	46.2	47.9	49.3	49.3	49.8	51.8	52.3	53.1	53.3	53.4	53.4	53.4	53.6
≥ 14000		45.9	46.8	48.5	49.9	49.9	50.4	52.3	52.8	53.7	53.9	54.0	54.0	54.0	54.2
≥ 12000		47.0	48.4	50.1	51.5	51.5	52.0	53.9	54.4	55.3	55.5	55.6	55.6	55.6	55.8
≥ 10000		49.3	50.9	52.8	54.2	54.2	54.8	56.8	57.3	58.2	58.4	58.5	58.5	58.5	58.7
≥ 9000		50.2	51.8	53.8	55.2	55.2	55.8	57.8	58.3	59.2	59.4	59.5	59.5	59.5	59.7
≥ 8000		53.7	55.4	57.5	59.0	59.0	59.6	61.8	62.3	63.2	63.4	63.5	63.5	63.5	63.7
≥ 7000		54.9	56.6	58.8	60.3	60.3	61.0	63.2	63.7	64.6	64.8	64.9	64.9	64.9	65.1
≥ 6000		58.4	60.2	62.5	64.1	64.1	64.8	67.1	67.6	68.5	68.7	68.8	68.8	68.8	69.0
≥ 5000		59.7	61.7	64.1	65.8	65.8	66.5	68.8	69.3	70.2	70.4	70.5	70.5	70.5	70.7
≥ 4500		62.3	64.4	66.9	68.6	68.6	69.3	71.7	72.2	73.1	73.3	73.4	73.4	73.4	73.6
≥ 4000		63.3	65.4	67.9	69.6	69.6	70.3	72.7	73.2	74.1	74.3	74.4	74.4	74.4	74.6
≥ 3500		65.1	67.2	69.7	71.4	71.4	72.1	74.5	75.0	75.9	76.1	76.2	76.2	76.2	76.4
≥ 3000		66.7	69.3	71.8	73.5	73.5	74.2	76.6	77.1	78.0	78.2	78.3	78.3	78.3	78.5
≥ 2500		69.1	71.8	74.3	76.0	76.0	76.7	79.2	79.7	80.6	80.8	80.9	80.9	80.9	81.1
≥ 2000		69.4	72.1	74.7	76.4	76.4	77.1	79.6	80.1	81.0	81.2	81.3	81.3	81.3	81.5
≥ 1800		69.6	72.3	74.9	76.6	76.6	77.3	79.8	80.3	81.2	81.4	81.5	81.5	81.5	81.7
≥ 1500		70.1	73.2	76.4	78.2	78.2	78.9	81.5	82.0	82.9	83.1	83.2	83.2	83.2	83.4
≥ 1200		71.5	74.9	78.1	80.0	80.0	80.7	83.4	83.9	84.8	85.0	85.1	85.1	85.1	85.3
≥ 1000		71.9	75.7	79.2	81.1	81.1	81.8	84.5	85.0	85.9	86.1	86.2	86.2	86.2	86.4
≥ 900		72.4	76.4	79.9	81.8	81.8	82.5	85.2	85.7	86.6	86.8	86.9	86.9	86.9	87.1
≥ 800		72.2	77.0	80.7	82.6	82.6	83.3	86.0	86.5	87.4	87.6	87.7	87.7	87.7	87.9
≥ 700		73.4	77.4	81.2	83.1	83.1	83.8	86.5	87.0	87.9	88.1	88.2	88.2	88.2	88.4
≥ 600		74.1	78.1	81.9	83.8	83.8	84.5	87.2	87.7	88.6	88.8	88.9	88.9	88.9	89.1
≥ 500		75.3	79.3	83.5	85.4	85.4	86.1	88.8	89.3	90.2	90.4	90.5	90.5	90.5	90.7
≥ 400		75.7	79.7	84.0	85.9	85.9	86.6	89.3	89.8	90.7	90.9	91.0	91.0	91.0	91.2
≥ 300		75.9	80.0	84.5	86.4	86.4	87.1	89.8	90.3	91.2	91.4	91.5	91.5	91.5	91.7
≥ 200		75.9	80.0	84.5	86.4	86.5	87.2	89.9	90.4	91.3	91.5	91.6	91.6	91.6	91.8
≥ 100		75.9	80.0	84.5	86.4	86.5	87.2	89.9	90.4	91.3	91.5	91.6	91.6	91.6	91.8
0		75.9	80.0	84.5	86.4	86.5	87.2	89.9	90.4	91.3	91.5	91.6	91.6	91.6	91.8

TOTAL NUMBER OF OBSERVATIONS [illegible] 846

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING [illegible]
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34023 [illegible] AB/[illegible] STOCK OKLA. [illegible]
STATION NAME

[illegible]
YEARS

[illegible]
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]
HOURS

CEILING FEET	VISIBILITY STATUTE MILES													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥0
NO CEILING		30.4	31.6	32.9	34.4	35.2	[illegible]	[illegible]	37.6	37.8	37.9	37.9	38.2	38.4
≥ 20000		34.4	35.7	37.4	39.2	39.7	41.3	41.7	41.9	42.1	42.2	42.5	42.7	43.0
≥ 18000		34.5	35.9	37.6	39.3	39.9	41.2	41.9	42.1	42.4	42.6	42.8	43.0	43.2
≥ 16000		34.7	36.0	37.7	39.4	40.0	41.4	42.3	42.2	42.5	42.7	42.9	43.2	43.4
≥ 14000		35.0	36.4	38.2	40.1	40.7	42.1	42.5	42.7	43.0	43.2	43.4	43.6	43.8
≥ 12000		35.5	37.0	38.9	41.1	41.7	43.2	43.8	44.0	44.3	44.6	44.8	45.1	45.3
≥ 10000		37.4	39.3	41.5	44.1	44.8	46.4	46.8	47.1	47.2	47.5	47.7	48.0	48.2
≥ 9000		38.0	41.2	42.9	45.6	46.3	47.9	48.3	48.6	48.7	49.0	49.2	49.5	49.7
≥ 8000		42.7	44.9	45.2	47.9	48.2	49.8	50.2	50.4	50.6	50.9	51.1	51.3	51.5
≥ 7000		43.0	45.3	47	49.1	49.5	51.2	51.6	51.8	52.0	52.3	52.5	52.7	52.9
≥ 6000		45.2	47.6	49.4	51.4	52.2	53.9	54.2	54.5	54.7	55.0	55.2	55.4	55.6
≥ 5000		49.1	50.1	52.2	55.2	55.7	57.5	57.9	58.2	58.4	58.7	59.1	59.3	59.5
≥ 4500		49.2	51.6	53.3	56.2	57.1	58.9	59.3	59.6	59.8	60.1	60.3	60.5	60.7
≥ 4000		51.7	53.6	56.1	59.2	60.4	62.3	62.8	63.0	63.2	63.5	64.1	64.3	64.5
≥ 3500		52.9	55.1	57.4	61.1	61.9	63.7	64.1	64.4	64.6	64.9	65.4	65.6	65.8
≥ 3000		54.3	56.7	59.1	62.9	63.8	65.5	65.9	66.2	66.4	66.7	67.3	67.5	67.7
≥ 2500		55.9	58.3	60.4	64.4	65.3	67.1	67.4	67.6	67.8	68.1	68.7	68.9	69.1
≥ 2000		57.3	60.3	63.3	67.1	68.0	69.7	70.1	70.4	70.6	70.9	71.5	71.8	72.0
≥ 1800		58.9	61.3	63.9	67.8	68.8	70.6	70.9	71.2	71.4	71.8	72.4	72.7	73.0
≥ 1500		60.1	63.0	65.6	69.5	70.4	72.1	72.4	72.9	73.1	73.4	73.9	74.2	74.4
≥ 1200		60.9	63.7	66.4	70.7	71.6	73.3	73.6	73.9	74.1	74.5	75.1	75.4	75.6
≥ 1000		61.9	64.7	67.6	72.3	73.2	74.9	75.1	75.5	75.7	76.1	76.7	77.0	77.2
≥ 900		62.4	65.5	68.3	72.9	73.8	75.5	75.8	76.2	76.4	76.8	77.4	77.7	77.9
≥ 800		63.6	67.0	70.2	74.8	75.7	77.5	77.8	78.2	78.4	78.8	79.4	79.7	79.9
≥ 700		64.3	67.6	71.3	75.6	76.5	78.3	78.6	79.0	79.2	79.6	80.2	80.5	80.7
≥ 600		64.7	68.4	72.2	76.6	77.7	79.5	79.8	80.3	80.5	80.9	81.5	81.8	82.0
≥ 500		65.9	69.5	73.2	78.4	79.3	81.2	81.5	82.0	82.2	82.6	83.2	83.5	83.7
≥ 400		66.1	69.7	74.1	79.5	80.4	82.3	82.6	83.1	83.3	83.7	84.3	84.6	84.8
≥ 300		66.3	69.8	74.2	79.8	80.7	82.6	82.9	83.4	83.6	84.0	84.6	84.9	85.1
≥ 200		66.2	69.8	74.4	80.3	81.2	83.0	83.3	83.8	84.0	84.4	85.0	85.3	85.5
≥ 100		66.2	69.8	74.4	80.3	81.2	83.0	83.3	83.8	84.0	84.4	85.0	85.3	85.5
0		66.2	69.8	74.4	80.3	81.2	83.0	83.3	83.8	84.0	84.4	85.0	85.3	85.5

TOTAL NUMBER OF OBSERVATIONS [illegible] 9312

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥¼	≥0
NO CEILING		28.3	29.0	30.1	32.1	32.3	33.3	33.6	33.9	33.7	33.7	33.7	34.2	34.3	34.3
≥ 20000		34.9	36.4	37.1	39.4	39.4	40.4	40.7	40.7	41.3	40.4	41.1	41.1	41.3	41.4
≥ 8000		35.4	37.2	37.9	40.2	40.2	41.2	41.5	41.5	41.6	41.6	41.7	42.1	42.3	42.4
≥ 6000		35.9	37.6	38.1	40.4	40.4	41.4	41.7	41.7	41.8	41.8	42.0	42.4	42.8	42.9
≥ 4000		36.7	38.4	39.1	41.4	41.4	42.5	42.9	42.8	43.0	43.1	43.1	43.4	43.7	43.7
≥ 2500		36.7	38.9	40.1	42.1	42.1	43.3	44.0	44.0	44.2	44.2	44.2	45.0	45.2	45.3
≥ 1000		41.0	42.8	43.5	45.7	45.9	47.2	47.7	47.8	47.9	47.7	47.8	47.9	48.2	48.3
≥ 900		41.3	43.0	44.1	46.3	46.7	47.9	48.4	48.4	48.5	48.3	48.4	48.7	49.0	49.1
≥ 800		44.7	46.9	47.7	50.4	50.8	52.1	52.2	52.2	52.3	52.2	52.4	52.5	52.7	53.1
≥ 700		45.7	48.0	49.7	52.3	52.8	54.3	54.4	54.4	54.5	54.3	54.6	54.7	54.9	55.2
≥ 600		47.4	49.5	50.5	53.3	53.6	55.0	55.6	55.6	55.7	55.3	55.7	56.0	56.3	56.6
≥ 500		47.4	51.2	52.1	56.1	56.3	57.8	58.9	58.9	59.2	58.8	59.4	59.8	59.8	60.2
≥ 450		50.1	52.9	53.9	56.9	57.4	58.0	59.8	59.8	60.0	60.4	60.3	60.2	60.7	61.1
≥ 400		51.6	53.4	55.4	59.1	59.3	60.7	62.6	62.6	62.8	62.4	63.1	63.4	63.6	63.7
≥ 350		53.1	55.4	57.0	60.7	61.0	62.4	64.3	64.3	64.5	64.0	64.7	65.1	65.3	65.4
≥ 300		54.7	56.5	58.5	62.4	62.8	64.3	66.3	66.2	66.4	66.1	66.7	67.0	67.2	67.3
≥ 250		55.9	58.3	60.5	64.4	64.8	66.3	68.3	68.3	68.5	68.2	68.7	69.0	69.2	69.4
≥ 200		58.4	61.3	63.4	67.4	67.9	69.7	71.8	71.9	72.1	71.8	72.4	72.7	72.9	73.1
≥ 150		59.7	61.9	64.3	68.7	69.2	71.0	72.6	72.7	72.9	72.6	73.1	73.5	73.7	74.0
≥ 100		61.8	64.7	67.4	71.8	72.3	74.2	75.9	76.0	76.2	75.9	76.4	76.9	77.2	77.4
≥ 200		64.3	67.2	69.8	74.4	74.9	76.8	78.6	78.7	79.0	78.7	79.1	79.6	79.8	80.1
≥ 000		66.6	69.6	72.3	77.1	77.8	79.9	82.1	82.2	82.6	82.3	82.7	83.1	83.4	83.7
≥ 900		67.3	70.4	73.0	78.1	78.7	81.0	83.0	83.1	83.5	83.2	83.7	84.1	84.2	84.5
≥ 800		67.7	70.9	73.7	78.9	79.4	81.5	83.7	83.8	84.1	83.8	84.4	84.7	84.9	85.2
≥ 700		68.1	71.5	74.3	79.6	80.1	82.4	84.7	84.8	85.1	85.1	85.7	86.1	86.3	86.6
≥ 600		69.7	72.9	75.7	81.1	81.8	84.1	86.5	86.7	87.2	87.1	87.7	88.0	88.3	88.6
≥ 500		69.4	73.1	77.2	83.1	83.6	86.2	88.6	88.8	89.5	89.3	89.7	90.0	90.3	90.7
≥ 400		69.6	73.5	77.9	84.3	85.0	87.8	90.5	91.0	91.8	91.7	92.1	92.5	92.8	93.1
≥ 300		69.6	73.8	78.4	84.8	85.5	88.3	91.2	92.2	93.0	93.4	93.9	94.3	94.6	94.9
≥ 200		69.4	73.8	78.8	84.9	85.6	88.6	91.8	93.0	94.0	94.5	94.9	95.4	95.8	96.1
≥ 100		69.6	73.8	78.8	84.9	85.6	88.6	91.8	93.0	94.1	94.6	95.0	95.6	96.3	97.0
≥ 0		69.6	73.8	78.8	84.9	85.6	88.6	91.8	93.0	94.1	94.6	95.0	95.6	96.3	97.0

TOTAL NUMBER OF OBSERVATIONS 901

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

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	5/16 & 0	0
NO CEILING	31.0	32.4	32.9	33.1	33.3	33.4	33.5	33.6	33.7	33.8	33.9	34.0	34.1	34.2	34.3
≥ 20000	41.0	41.4	42.0	42.3	42.5	42.7	42.9	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7
≥ 18000	42.2	42.6	43.2	43.5	43.7	43.9	44.1	44.1	44.1	44.1	44.2	44.3	44.4	44.5	44.6
≥ 16000	42.9	43.3	44.0	44.3	44.5	44.6	44.7	44.7	44.7	44.7	44.8	44.9	45.0	45.1	45.2
≥ 14000	44.9	44.7	45.4	45.7	45.7	45.8	45.9	45.9	45.9	46.0	46.1	46.2	46.3	46.4	46.5
≥ 12000	45.4	46.3	47.1	47.3	47.3	47.4	47.5	47.5	47.5	47.6	47.7	47.8	47.9	48.0	48.1
≥ 10000	47.4	48.3	48.9	49.2	49.2	49.4	49.5	49.5	49.5	49.6	49.7	49.8	49.9	50.0	50.1
≥ 9000	48.4	49.3	49.9	50.2	50.3	50.4	50.5	50.5	50.5	50.6	50.7	50.8	50.9	51.0	51.1
≥ 8000	50.6	51.3	52.0	52.2	52.3	52.5	52.7	52.7	52.7	52.8	52.9	53.0	53.1	53.2	53.3
≥ 7000	52.9	53.6	54.3	54.5	54.6	54.7	54.9	54.9	54.9	55.0	55.1	55.2	55.3	55.4	55.5
≥ 6000	53.9	55.7	56.4	56.6	56.7	56.8	56.9	56.9	56.9	57.0	57.1	57.2	57.3	57.4	57.5
≥ 5000	56.1	56.8	57.5	57.7	57.8	57.9	58.0	58.0	58.0	58.1	58.2	58.3	58.4	58.5	58.6
≥ 4500	56.4	57.2	58.0	58.2	58.3	58.4	58.5	58.5	58.5	58.6	58.7	58.8	58.9	59.0	59.1
≥ 4000	59.6	60.5	61.3	61.5	61.7	61.8	61.9	62.0	62.0	62.1	62.2	62.3	62.4	62.5	62.6
≥ 3500	61.8	62.7	63.5	63.8	64.0	64.1	64.2	64.2	64.2	64.3	64.4	64.5	64.6	64.7	64.8
≥ 3000	65.1	66.1	67.0	67.3	67.5	67.6	67.7	67.8	67.8	67.9	68.0	68.1	68.2	68.3	68.4
≥ 2500	69.7	70.7	71.6	72.0	72.2	72.3	72.4	72.9	72.9	73.0	73.1	73.2	73.3	73.4	73.5
≥ 2000	73.1	74.2	75.2	75.6	75.8	76.0	76.1	77.2	77.2	77.3	77.4	77.5	77.6	77.7	77.8
≥ 1800	75.1	76.3	77.7	78.2	78.4	78.6	78.7	79.3	79.3	79.4	79.5	79.6	79.7	79.8	79.9
≥ 1500	78.9	79.7	81.3	82.0	82.2	82.3	82.4	83.2	83.2	83.4	83.5	83.6	83.7	83.8	83.9
≥ 1200	82.6	83.6	85.7	86.7	87.0	87.2	87.3	88.0	88.0	88.3	88.4	88.5	88.6	88.7	88.8
≥ 1000	83.2	84.6	86.9	87.9	88.2	88.4	88.5	88.9	88.9	89.1	89.2	89.3	89.4	89.5	89.6
≥ 900	83.4	84.8	87.1	88.1	88.4	88.6	88.7	89.1	89.1	89.4	89.5	89.6	89.7	89.8	89.9
≥ 800	84.1	85.5	87.8	88.9	89.2	89.4	89.5	90.0	90.0	90.2	90.3	90.4	90.5	90.6	90.7
≥ 700	84.2	85.6	87.9	89.0	89.3	89.5	89.6	91.4	91.5	91.7	91.8	91.9	92.0	92.1	92.2
≥ 600	84.5	86.3	88.6	89.8	90.1	90.3	90.4	93.0	93.2	93.5	93.6	93.7	93.8	93.9	94.0
≥ 500	84.9	86.4	89.1	91.5	92.2	92.4	92.6	95.1	95.5	95.7	95.8	95.9	96.0	96.1	96.2
≥ 400	85.0	86.5	89.4	92.1	92.8	93.0	93.1	95.8	96.3	96.6	96.7	96.8	96.9	97.0	97.1
≥ 300	85.3	86.7	89.6	92.7	93.1	93.3	93.4	96.5	97.0	97.5	97.7	97.8	97.9	98.0	98.1
≥ 200	85.3	86.7	89.7	92.8	93.2	93.4	93.5	96.8	97.3	97.8	98.0	98.1	98.2	98.3	98.4
≥ 100	85.3	86.7	89.7	92.8	93.2	93.4	93.5	96.8	97.3	97.8	98.0	98.1	98.2	98.3	98.4
≥ 0	85.3	86.7	89.7	92.8	93.2	93.4	93.5	96.8	97.3	97.8	98.0	98.1	98.2	98.3	98.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM NO. 0-14-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES													
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥0.5	≥0
NO CEILING	78.9	79.6	80.2	80.4	81.3	[illegible]	[illegible]	83.5	83.5	83.5	[illegible]	[illegible]	83.5	[illegible]
≥ 20000	[illegible]	38.9	39.4	39.6	[illegible]	[illegible]	39.9	39.9	39.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8500	[illegible]	39.9	40.3	40.6	[illegible]	[illegible]	40.9	40.9	40.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	40.7	41.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	41.9	41.6	41.5	42.1	42.3	42.4	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 2000	[illegible]	43.2	44.1	44.4	[illegible]	[illegible]	44.5	44.5	44.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	45.9	45.6	46.1	46.2	[illegible]	[illegible]	46.6	46.6	46.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	47.4	47.7	48.2	48.4	[illegible]	[illegible]	48.7	48.7	48.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	50.9	50.4	50.9	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 7000	52.9	52.9	53.4	53.6	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 6000	53.9	53.6	54.1	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 5000	56.4	56.2	56.9	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 4500	58.9	58.4	59.1	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 4000	64.1	64.1	64.5	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 3500	69.7	69.4	70.2	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000	75.4	75.4	75.9	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2500	80.9	81.1	81.9	82.4	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	84.1	85.4	86.2	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	85.7	86.6	87.7	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500	88.9	90.1	91.1	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	90.3	91.3	92.4	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	90.8	92.1	92.9	94.6	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	91.1	92.2	93.1	94.8	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	91.6	92.8	93.7	95.4	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	91.8	92.8	93.7	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	91.8	92.8	93.8	95.8	95.9	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	91.8	92.8	93.9	96.2	96.3	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	91.8	93.0	94.1	96.4	96.5	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	91.9	93.1	94.4	96.6	97.0	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	91.9	93.1	94.4	96.6	97.0	97.9	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	91.9	93.1	94.4	96.6	97.0	97.9	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0	91.9	93.1	94.4	96.6	97.0	97.9	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 903

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

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	10	9	8	7	6	5	4	3	2½	2	1½	1	⅞	½	< ½
≥ 20000		.9	1.0	3.6	3.0	3.5	.9	1.1	3.0	3.0	1.5	1.0	.5	.5	1.9	1.0
≥ 20000		41.4	41.4	41.8	42.4	42.5	.3	42.3	42.8	42.8	42.4	42.4	42.4	42.4	42.3	42.4
≥ 15000		42.9	-2.3	43.1	43.7	43.5	.4	44.1	44.0	44.3	44.4	44.4	44.4	44.4	44.3	44.4
≥ 10000		43.7	43.7	44.1	44.7	44.8	.4	45.1	45.2	45.3	45.4	45.4	45.4	45.4	45.3	45.4
≥ 9000		45.1	45.4	45.8	46.4	46.5	.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 8000		46.7	47.1	46.7	47.3	47.4	.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 7000		47.9	48.2	48.7	49.3	49.4	.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 6000		49.1	49.4	49.9	50.4	50.5	.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 5000		50.3	50.6	51.1	51.6	51.7	.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 4500		51.0	51.3	51.8	52.3	52.4	1.0	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 4000		51.7	52.0	52.5	53.0	53.1	1.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 3500		52.3	52.6	53.1	53.6	53.7	1.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 3000		53.1	53.4	53.9	54.4	54.5	1.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 2500		53.8	54.1	54.6	55.1	55.2	1.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 2000		54.5	54.8	55.3	55.8	55.9	1.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1800		55.0	55.3	55.8	56.3	56.4	1.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 1600		55.4	55.7	56.2	56.7	56.8	1.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 1400		55.8	56.1	56.6	57.1	57.2	1.7	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 1200		56.2	56.5	57.0	57.5	57.6	1.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1000		56.7	57.0	57.5	58.0	58.1	1.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 900		57.0	57.3	57.8	58.3	58.4	2.0	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 800		57.3	57.6	58.1	58.6	58.7	2.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 700		57.6	57.9	58.4	58.9	59.0	2.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 600		57.9	58.2	58.7	59.2	59.3	2.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 500		58.2	58.5	59.0	59.5	59.6	2.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 450		58.4	58.7	59.2	59.7	59.8	2.5	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 400		58.6	58.9	59.4	59.9	60.0	2.6	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 350		58.8	59.1	59.6	60.1	60.2	2.7	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 300		59.0	59.3	59.8	60.3	60.4	2.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 250		59.2	59.5	60.0	60.5	60.6	2.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 200		59.4	59.7	60.2	60.7	60.8	3.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 150		59.6	59.9	60.4	60.9	61.0	3.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 100		59.8	60.1	60.6	61.1	61.2	3.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 0		59.8	60.1	60.6	61.1	61.2	3.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6

TOTAL NUMBER OF OBSERVATIONS 5[illegible]9

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34055 STATION | HAHN AB/HOMBRUCH GERMANY STATION NAME | 8-72 YEARS | ALL MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		35.7	35.4	35.6	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 20000		46.0	46.3	46.6	47.2	47.3	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 18000		48.4	48.8	49.0	49.6	49.8	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000		49.1	49.2	49.6	50.4	50.4	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 14000		50.2	50.4	50.8	51.7	51.7	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 12000		52.2	52.4	53.0	54.1	54.1	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000		55.7	56.0	56.6	57.8	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000		57.9	58.1	58.8	60.0	60.0	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000		61.7	62.1	62.8	64.0	64.0	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000		65.1	65.4	66.4	67.7	67.7	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000		66.3	66.7	67.9	69.2	69.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000		69.9	70.4	71.6	73.1	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500		72.5	73.1	74.3	75.9	75.9	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000		74.2	74.9	76.3	80.0	80.2	80.5	80.7	80.9	80.9	80.9	81.1	81.1	81.2	81.2
≥ 3500		78.7	79.3	81.2	82.7	82.7	83.2	83.4	83.7	83.7	83.7	83.8	83.8	83.9	83.9
≥ 3000		80.5	81.4	83.3	85.1	85.1	85.6	85.8	86.2	86.2	86.2	86.3	86.3	86.5	86.5
≥ 2500		82.9	83.3	85.2	87.1	87.1	87.6	88.0	88.5	88.6	88.6	88.8	88.8	89.0	89.0
≥ 2000		83.3	84.7	87.0	89.1	89.1	89.6	90.2	90.7	90.8	90.8	90.9	90.9	91.1	91.1
≥ 1800		83.7	85.2	87.5	89.7	89.7	90.5	90.9	91.4	91.5	91.5	91.6	91.6	91.8	91.8
≥ 1500		85.3	87.0	89.3	91.7	91.7	92.7	93.1	93.6	93.7	93.7	93.9	93.9	94.1	94.1
≥ 1200		86.3	87.9	90.5	93.0	93.0	94.0	94.4	94.9	95.0	95.0	95.1	95.1	95.4	95.4
≥ 1000		86.5	88.3	91.1	93.6	93.6	94.6	95.0	95.5	95.6	95.6	95.7	95.7	96.0	96.0
≥ 900		86.5	88.3	91.1	93.6	93.6	94.6	95.0	95.5	95.6	95.6	95.7	95.7	96.0	96.0
≥ 800		86.8	88.8	91.7	94.3	94.3	95.3	95.7	96.3	96.4	96.4	96.5	96.5	96.8	96.8
≥ 700		86.8	88.8	92.0	94.7	94.7	95.7	96.2	96.8	97.0	97.0	97.2	97.2	97.4	97.4
≥ 600		86.9	88.8	92.0	94.8	94.8	95.8	96.4	97.0	97.3	97.3	97.4	97.4	97.6	97.6
≥ 500		86.9	88.8	92.3	95.4	95.4	96.3	97.4	98.0	98.2	98.2	98.3	98.3	98.6	98.6
≥ 400		86.9	88.8	92.3	95.4	95.4	96.3	97.4	98.0	98.2	98.2	98.3	98.3	98.6	98.6
≥ 300		86.8	88.8	92.3	95.4	95.4	96.9	97.5	98.2	98.6	98.6	98.7	98.7	98.9	98.9
≥ 200		86.8	88.8	92.3	95.4	95.4	97.0	97.6	98.6	98.9	98.9	99.1	99.1	99.3	99.3
≥ 100		86.8	88.8	92.4	95.4	95.4	97.2	97.8	98.7	99.1	99.1	99.3	99.3	99.5	99.5
0		86.8	88.8	92.3	95.4	95.4	97.2	97.8	98.7	99.1	99.1	99.3	99.3	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 845

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34005 STATION | GLENN AFB/MUROC [illegible] STATION NAME | 2-77 EARS | ANY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥0
NO CEILING		42.7	44.1	44.9	46.1	46.2	[illegible]	[illegible]	46.7	47.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000		49.3	51.2	52.1	53.4	53.7	[illegible]	[illegible]	54.4	54.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000		50.9	52.9	53.8	54.8	54.8	[illegible]	[illegible]	55.7	56.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000		51.3	52.7	53.7	55.1	55.2	[illegible]	[illegible]	56.0	56.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000		51.5	53.1	53.9	55.2	55.4	[illegible]	[illegible]	56.3	56.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000		53.5	55.4	55.9	57.2	57.4	[illegible]	[illegible]	58.3	58.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000		57.7	58.4	59.5	60.9	61.2	[illegible]	[illegible]	61.8	62.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000		58.4	59.8	60.9	62.2	62.4	[illegible]	[illegible]	63.2	63.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000		61.4	63.1	64.1	65.4	65.6	[illegible]	[illegible]	66.4	66.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000		63.9	64.4	65.5	66.8	67.0	[illegible]	[illegible]	67.8	68.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000		63.6	65.1	66.1	67.4	67.6	[illegible]	[illegible]	68.4	68.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000		66.5	68.3	69.5	70.8	71.2	[illegible]	[illegible]	71.9	72.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500		68.9	70.4	71.6	73.1	73.3	74.2	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000		72.2	73.9	75.2	77.2	77.4	[illegible]	[illegible]	78.6	79.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500		73.9	75.4	76.7	78.7	79.0	[illegible]	[illegible]	80.1	80.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000		75.8	77.3	79.0	81.3	82.2	[illegible]	[illegible]	83.7	84.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500		77.1	79.3	81.3	84.0	84.3	[illegible]	[illegible]	85.8	86.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000		77.9	80.1	82.3	85.3	85.6	[illegible]	[illegible]	87.2	87.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800		77.9	80.3	82.6	85.9	85.7	87.0	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500		78.9	81.0	83.9	87.0	87.2	[illegible]	[illegible]	89.0	89.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200		79.9	82.0	85.3	88.9	89.1	[illegible]	[illegible]	91.0	91.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000		80.1	82.9	85.9	89.5	89.7	[illegible]	[illegible]	91.7	92.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900		80.3	83.0	86.1	89.6	89.8	91.5	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800		81.1	83.8	87.1	90.2	91.0	[illegible]	[illegible]	93.0	93.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700		81.9	84.5	88.2	91.6	92.1	93.7	94.1	94.2	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600		81.9	84.6	88.4	92.7	92.9	[illegible]	[illegible]	95.0	95.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500		82.5	85.2	89.0	93.5	93.7	95.7	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400		82.6	85.3	89.1	93.7	94.0	[illegible]	[illegible]	96.7	97.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300		82.7	85.3	89.2	94.2	94.4	96.6	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200		82.7	85.3	89.2	94.2	94.4	[illegible]	[illegible]	97.6	98.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100		82.7	85.3	89.2	94.2	94.4	96.8	97.4	97.6	98.2	98.5	98.5	98.7	99.2	99.6
0		82.7	85.3	89.2	94.2	94.4	[illegible]	[illegible]	97.6	98.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34025 STATION | HAHN AB/HOCHSPEYER GERMANY STATION NAME | 8-21 YEARS | 11 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥¾	≥½	≥¼	≥⅛	≥5/16	≥0	≥0
NO CEILING		33.4	34.2	34.9	35.4	35.9	[illegible]	[illegible]	36.6	36.7	36.9	37.2	[illegible]	37.4	37.4
≥ 20000		41.2	42.1	42.9	44.1	44.1	44.9	44.9	45.0	45.1	45.2	45.2	45.3	45.4	45.5
≥ 18000		42.3	43.2	43.9	45.1	45.2	46.1	46.0	46.0	46.1	46.2	46.2	46.3	46.4	46.5
≥ 16000		42.7	43.6	44.3	45.5	45.6	46.1	46.4	46.4	46.5	46.6	46.6	46.7	46.8	46.9
≥ 14000		44.5	44.4	45.2	46.4	46.5	47.0	47.3	47.4	47.5	47.5	47.6	47.6	47.7	47.8
≥ 12000		45.4	46.3	47.1	48.4	48.5	49.1	49.4	49.4	49.5	49.5	49.5	49.7	49.8	49.9
≥ 10000		48.3	49.1	50.0	51.3	51.4	52.0	52.3	52.3	52.5	52.5	52.5	52.6	52.7	52.8
≥ 9000		49.4	50.3	51.4	52.7	52.8	53.4	53.8	53.8	54.0	54.0	54.0	54.1	54.2	54.3
≥ 8000		52.9	53.8	54.9	55.4	56.0	56.7	57.0	57.0	57.2	57.2	57.3	57.3	57.4	57.5
≥ 7000		54.9	55.8	56.8	58.1	58.4	59.0	59.4	59.4	59.6	59.6	59.7	59.7	59.8	59.9
≥ 6000		55.7	56.6	57.9	59.4	59.8	60.2	60.6	60.6	60.8	60.8	60.9	61.0	61.1	61.2
≥ 5000		58.6	59.7	60.9	62.6	62.8	63.6	64.0	64.0	64.2	64.2	64.3	64.4	64.5	64.6
≥ 4500		60.4	61.5	62.9	64.9	64.7	65.6	66.0	66.0	66.2	66.2	66.3	66.4	66.5	66.6
≥ 4000		64.9	65.8	66.6	68.6	68.8	69.9	70.3	70.4	70.6	70.6	70.7	70.8	70.9	71.0
≥ 3500		66.4	67.4	69.4	71.4	71.6	72.7	73.2	73.3	73.5	73.5	73.6	73.7	73.9	74.0
≥ 3000		69.1	70.0	72.2	74.3	74.5	75.7	76.2	76.3	76.6	76.6	76.7	76.8	77.0	77.1
≥ 2500		71.7	73.5	75.2	77.4	77.6	78.9	79.5	79.6	79.8	79.9	80.1	80.1	80.2	80.4
≥ 2000		73.9	75.9	77.8	80.2	80.4	81.8	82.3	82.5	82.7	82.7	82.9	83.0	83.1	83.2
≥ 1800		74.8	76.9	78.8	81.3	81.2	82.6	83.2	83.3	83.5	83.6	83.7	83.8	84.0	84.1
≥ 1500		76.4	78.8	80.9	83.5	83.4	84.8	85.5	86.0	86.2	86.3	86.4	86.5	86.7	86.8
≥ 1200		78.2	80.5	82.6	85.3	85.1	86.2	86.9	88.0	88.3	88.3	88.4	88.4	88.7	88.8
≥ 1000		78.9	81.2	83.6	86.3	86.9	88.5	89.2	89.4	89.6	89.7	89.8	89.9	90.1	90.2
≥ 900		79.2	81.5	83.9	87.0	87.3	88.9	89.6	89.8	90.0	90.1	90.2	90.3	90.5	90.6
≥ 800		79.9	82.2	84.5	88.1	88.3	90.0	90.6	90.8	91.1	91.2	91.3	91.4	91.6	91.7
≥ 700		80.1	82.4	85.2	88.6	88.9	90.6	91.3	91.6	91.8	91.9	92.0	92.1	92.3	92.4
≥ 600		80.4	83.0	85.8	89.4	89.7	91.5	92.3	92.6	92.9	93.0	93.1	93.2	93.4	93.5
≥ 500		80.9	83.5	86.6	90.4	90.8	92.6	93.8	94.1	94.5	94.6	94.7	94.8	95.0	95.1
≥ 400		81.0	83.7	87.0	91.0	91.4	93.7	94.7	95.1	95.6	95.6	95.8	95.9	96.1	96.2
≥ 300		81.1	83.8	87.1	91.4	91.7	94.3	95.3	95.8	96.3	96.4	96.6	96.7	97.0	97.1
≥ 200		81.1	83.8	87.2	91.5	91.8	94.5	95.6	96.2	96.9	97.1	97.4	97.6	97.9	98.1
≥ 100		81.1	83.8	87.2	91.5	91.8	94.5	95.6	96.3	97.1	97.3	97.4	98.0	98.6	99.0
≥ 0		81.1	83.8	87.2	91.5	91.8	94.5	95.7	96.3	97.1	97.4	97.7	98.0	98.6	99.1

TOTAL NUMBER OF OBSERVATIONS 7030

C

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34022 — STATION — W/HL AR/HUNSRUCK WERMELT — STATION NAME — 3-hrly, 71-77 — YEARS — — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] — HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		43.7	45.4	46.3	47.3	47.9	48.5	48.8	48.8	48.8	48.8	48.9	47.4	49.4	49.5
≥ 20000		44.2	49.3	50.5	52.1	52.8	53.7	53.0	53.1	53.0	53.1	53.2	53.1	53.6	53.7
≥ 18000		47.2	49.4	50.6	52.4	52.2	53.0	53.2	53.2	53.2	53.4	53.5	53.5	53.9	54.0
≥ 6000		47.4	49.3	51.0	52.6	52.6	53.3	53.6	53.6	53.6	53.7	53.8	53.7	54.2	54.3
≥ 14000		47.9	50.2	51.5	53.1	53.1	53.8	54.1	54.1	54.1	54.2	54.1	54.2	54.7	54.8
≥ 12000		47.9	51.1	52.3	54.1	54.1	54.8	55.1	55.1	55.1	55.2	55.1	55.2	55.7	55.8
≥ 10000		51.7	53.5	54.5	56.4	56.4	57.2	57.4	57.4	57.4	57.5	57.5	57.7	58.1	58.2
≥ 9000		52.3	54.7	55.9	57.8	57.8	58.5	58.8	58.8	58.8	58.9	58.9	59.0	59.5	59.6
≥ 8000		54.9	57.2	58.5	60.9	60.9	61.7	62.0	62.0	62.0	62.1	62.1	62.2	62.7	62.8
≥ 7000		55.7	58.0	59.4	61.7	61.7	62.6	62.8	62.8	62.8	63.1	63.1	63.1	63.7	63.8
≥ 6000		58.7	58.8	60.1	62.3	62.3	63.2	63.5	63.5	63.5	63.6	63.6	63.7	64.2	64.3
≥ 5000		59.4	61.2	62.7	65.1	65.1	65.9	66.2	66.2	66.2	66.3	66.3	66.4	66.9	67.0
≥ 4500		59.9	61.7	63.2	65.6	65.6	66.4	66.7	66.7	66.7	66.8	66.8	66.9	67.4	67.5
≥ 4000		62.1	65.1	66.7	69.1	69.1	70.0	70.2	70.2	70.2	70.4	70.4	70.5	71.0	71.1
≥ 3500		63.3	66.7	68.3	71.0	71.0	71.9	72.1	72.1	72.1	72.4	72.2	72.3	72.8	73.0
≥ 3000		66.4	69.9	71.9	74.9	74.9	75.8	76.0	76	76.0	76.2	76.2	76.3	76.8	76.9
≥ 2500		67.3	70.7	72.8	76.0	76.0	77.0	77.3		77.3	77.4	77.4	77.5	78.0	78.1
≥ 2000		68.3	73.3	75.4	78.9	78.9	79.9	80.1		80.1	80.2	80.2	80.4	80.9	81.0
≥ 1800		70.0	74.3	76.4	79.9	79.9	80.9	81.1	81.1	81.1	81.2	81.2	81.4	81.9	82.0
≥ 1500		71.1	75.8	78.1	81.7	81.7	82.7	83.0	83.0	83.0	83.1	83.1	83.2	83.7	83.8
≥ 1200		71.6	76.2	79.1	83.0	83.0	84.1	84.3	84.3	84.3	84.4	84.4	84.5	85.1	85.2
≥ 1000		72.3	76.9	80.0	84.0	84.0	85.1	85.3	85.3	85.3	85.4	85.4	85.6	86.2	86.3
≥ 900		72.6	77.3	80.6	84.6	84.8	85.9	86.2	86.2	86.2	86.3	86.3	86.4	86.9	87.0
≥ 800		73.1	77.8	81.4	85.7	85.7	86.8	87.2	87.3	87.3	87.4	87.4	87.5	88.0	88.1
≥ 700		73.5	78.1	81.9	86.5	86.5	87.8	88.1	88.3	88.3	88.4	88.4	88.5	89.0	89.1
≥ 600		73.7	78.6	82.5	87.9	87.9	89.6	90.1	90.2	90.2	90.4	90.4	90.5	91.0	91.1
≥ 500		74.2	79.3	83.3	89.3	89.0	91.6	92.1	92.2	92.2	92.3	92.3	92.5	93.0	93.1
≥ 400		74.2	79.3	83.3	89.5	89.5	92.1	93.1	93.2	93.5	93.7	93.7	93.8	94.3	94.4
≥ 300		74.3	79.4	83.7	90.0	90.0	92.7	94.1	94.2	94.9	95.3	95.6	96.0	96.7	96.8
≥ 200		74.3	79.4	83.8	90.1	90.1	93.1	94.8	95.1	95.9	96.3	96.9	97.0	97.9	98.0
≥ 100		74.3	79.4	83.8	90.1	90.1	93.1	94.8	95.2	96.0	96.5	96.9	97.4	98.6	99.4	100.0
≥ 0		74.3	79.4	83.8	90.1	90.1	93.1	94.8	95.2	96.0	96.5	96.9	97.4	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

94028 STATION | HOMER AP/HQ SPACE OPERATIONS STATION NAME | 5-77 YEARS | ALASKA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

120°-150° W
60-65° N

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		35.3	36.3	37.9	39.4	39.8	40.3	40.6	40.8	41.3	41.3	41.7	41.8	41.8	42.4
≥ 20000		38.7	40.1	41.8	42.6	42.9	43.9	44.4	44.5	45.2	45.2	45.7	45.8	45.8	46.2
≥ 18000		39.0	40.4	41.9	43.2	43.5	44.3	44.7	44.9	45.7	45.7	45.7	45.9	45.9	46.3	46.7
≥ 16000		39.4	40.8	42.4	43.5	43.8	44.6	45.1	45.2	46.0	46.1	46.1	46.2	46.2	46.7	
≥ 14000		40.2	41.6	43.3	44.3	44.6	45.5	46.0	46.1	46.9	46.9	46.9	47.1	47.1	47.5	47.9
≥ 12000		41.9	43.3	44.9	46.1	46.2	47.4	47.8	47.9	48.7	48.7	48.7	49.0	49.0	49.4	
≥ 10000		42.4	44.7	46.7	48.4	48.8	49.9	50.3	50.5	51.3	51.3	51.4	51.5	51.5	52.0	52.4
≥ 9000		45.2	46.6	48.5	50.0	50.4	51.7	52.2	52.3	53.1	53.1	53.2	53.3	53.3	53.8	54.2
≥ 8000		48.1	49.7	51.7	53.4	53.8	55.1	55.5	55.9	56.7	56.7	56.7	57.0	57.0	57.5	58.0
≥ 7000		48.9	50.5	52.5	54.1	54.5	55.8	56.2	56.5	57.3	57.3	57.4	57.6	57.6	58.1	58.6
≥ 6000		49.5	51.1	53.3	55.1	55.3	56.1	56.8	57.9	58.7	58.7	58.7	58.9	58.9	59.4	60.0
≥ 5000		51.4	53.2	55.3	57.3	57.8	59.4	60.0	60.2	61.0	61.0	61.1	61.2	61.2	61.9	62.4
≥ 4500		51.9	53.9	56.3	58.1	58.5	60.2	61.0	61.1	61.9	61.9	61.9	62.1	62.1	62.8	63.4
≥ 4000		54.3	56.4	58.9	60.8	61.2	63.0	63.9	64.0	64.8	64.8	64.8	65.1	65.2	65.8	66.4
≥ 3500		55.1	57.4	59.8	61.9	62.2	64.0	65.0	65.1	65.9	65.9	65.9	66.1	66.2	66.8	67.3
≥ 3000		57.3	59.2	62.1	64.4	64.7	66.6	67.5	67.6	68.4	68.4	68.4	68.6	68.7	69.3	70.0
≥ 2500		58.7	60.3	63.2	65.4	66.2	68.2	69.1	69.2	70.0	70.0	70.0	70.2	70.3	70.9	71.7
≥ 2000		60.2	62.2	65.3	68.2	68.6	70.9	71.8	71.9	72.7	72.7	72.7	72.9	73.1	73.8	74.6
≥ 1800		60.3	62.7	65.8	68.7	69.2	71.6	72.5	72.6	73.4	73.4	73.4	73.6	73.7	74.3	75.2
≥ 1500		61.2	63.9	67.1	70.1	70.5	73.1	74.0	74.1	75.0	75.0	75.0	75.2	75.3	75.9	76.7
≥ 1200		62.2	65.2	68.5	71.6	72.0	74.7	75.7	75.9	76.8	76.8	76.8	77.2	77.3	77.9	78.7
≥ 1000		62.5	67.0	70.9	74.0	74.5	77.2	78.2	78.4	79.7	79.7	79.7	80.0	80.1	80.7	81.5
≥ 900		65.1	68.2	71.5	74.5	75.1	77.7	78.8	79.0	80.3	80.3	80.3	80.6	80.7	81.3	82.1
≥ 800		65.2	68.4	71.7	75.0	75.7	78.3	79.6	79.8	81.1	81.1	81.1	81.4	81.5	82.1	82.9
≥ 700		65.9	68.9	72.4	75.9	76.7	79.7	81.1	81.4	82.9	82.9	82.9	83.2	83.3	83.9	84.7
≥ 600		66.4	69.9	73.7	77.7	78.7	82.3	84.1	84.5	86.1	86.1	86.1	86.4	86.5	87.1	87.9
≥ 500		67.0	70.4	74.4	78.6	79.9	84.5	86.5	87.4	89.0	89.2	89.2	89.5	89.7	90.3	91.1
≥ 400		67.0	70.4	74.4	78.9	80.0	84.6	87.1	87.8	89.5	89.8	90.1	90.3	91.1	91.8	92.5
≥ 300		67.1	70.7	74.7	79.1	80.4	85.6	88.2	89.2	91.3	91.5	92.4	93.0	93.6	94.5	95.7
≥ 200		67.1	70.7	74.7	79.1	80.4	85.7	88.3	89.4	91.7	92.2	92.8	93.6	94.7	96.1	97.4
≥ 100		67.1	70.7	74.7	79.1	80.4	85.7	88.5	89.5	91.8	92.5	93.0	94.3	95.4	96.9	99.7
0		67.1	70.7	74.7	79.1	80.4	85.7	88.5	89.5	91.8	92.5	93.2	94.4	95.5	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 870

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 STATION — HAHN AB/HELDSBURG GERMANY STATION NAME — [illegible] YEARS — [illegible] MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥0
NO CEILING		33.7	34.3	35.2	36.3	37.0	37.3	37.7	37.8	38.2	38.4	38.6	38.7	38.8
≥ 20000		39.9	40.1	41.1	42.3	42.5	43.0	43.5	43.9	44.1	44.1	44.1	44.1	44.2
≥ 8000		39.4	40.3	41.2	43.1	43.2	43.7	44.2	44.5	44.8	44.9	44.9	44.9	44.9
≥ 6000		39.7	41.3	41.2	43.3	43.4	43.9	44.5	44.7	45.0	45.1	45.2	45.2	45.2
≥ 4000		40.1	41.5	42.4	43.4	43.9	44.5	45.0	45.3	45.7	45.7	45.7	45.7	45.8
≥ 2000		41.7	43.1	44.1	45.7	45.8	46.4	47.0	47.2	47.7	47.7	47.7	47.7	47.8
≥ 10000		44.7	45.5	46.6	48.6	48.7	49.3	49.8	50.1	50.6	50.6	50.6	50.6	50.6
≥ 9000		45.3	46.7	47.9	49.4	50.1	50.8	51.2	51.4	52.0	52.0	52.0	52.0	52.0
≥ 8000		47.9	49.8	51.0	53.1	53.3	53.9	54.5	54.7	55.4	55.4	55.4	55.4	55.5
≥ 7000		49.7	51.7	52.8	55.2	55.3	56.0	56.6	56.9	57.7	57.7	57.7	57.7	57.8
≥ 6000		50.2	52.2	53.4	55.7	55.8	56.5	57.0	57.4	58.2	58.2	58.2	58.2	58.3
≥ 5000		51.7	53.6	55.1	57.6	57.7	58.4	59.0	59.3	60.1	60.1	60.1	60.1	60.2
≥ 4500		52.7	54.1	55.7	58.2	58.3	59.0	59.5	59.9	60.7	60.7	60.8	60.8	60.9
≥ 4000		53.1	55.4	57.3	60.1	60.1	60.8	61.5	61.9	62.7	62.7	62.9	62.9	63.0
≥ 3500		54.7	56.5	58.4	61.4	61.5	62.2	62.9	63.3	64.1	64.1	64.2	64.2	64.3
≥ 3000		55.9	58.2	60.1	63.1	63.2	63.9	64.6	65.1	65.9	65.9	66.1	66.1	66.2
≥ 2500		57.5	60.1	62.3	65.3	65.4	66.2	66.9	67.4	68.2	68.2	68.3	68.3	68.4
≥ 2000		58.1	61.1	63.4	66.4	66.5	67.3	68.0	68.6	69.4	69.4	69.5	69.5	69.7
≥ 1800		59.4	62.1	64.3	67.3	67.4	68.5	69.1	69.7	70.5	70.5	70.6	70.6	70.7
≥ 1500		61.8	64.7	67.1	70.1	70.2	71.4	72.1	72.7	73.5	73.5	73.6	73.6	73.7
≥ 1200		63.2	66.4	68.9	72.1	72.2	73.5	74.4	75.0	75.8	75.8	75.9	75.9	76.1
≥ 1000		64.5	67.9	71.3	74.6	74.9	76.1	77.0	77.6	78.5	78.6	78.7	78.7	78.9
≥ 900		65.4	68.9	72.0	75.8	76.0	77.3	78.2	78.7	79.7	79.8	79.9	79.9	80.1
≥ 800		65.4	70.2	73.4	77.3	77.5	78.8	79.9	80.6	81.5	81.6	81.7	81.7	81.8
≥ 700		67.1	70.9	74.3	78.5	78.9	80.5	81.4	82.1	83.1	83.2	83.3	83.3	83.5
≥ 600		68.3	72.2	76.2	80.3	81.1	82.1	84.6	85.3	86.3	86.4	86.5	86.5	86.7
≥ 500		69.0	73.1	77.5	82.5	82.9	84.7	88.0	88.9	89.9	90.2	90.4	90.5	90.5	90.7
≥ 400		69.1	73.4	77.7	83.3	83.7	85.1	89.5	90.9	92.1	92.3	92.6	92.7	92.7	93.0
≥ 300		69.4	73.6	77.9	83.3	84.0	85.7	90.3	91.9	93.1	93.3	94.3	94.6	94.9	95.2	95.7
≥ 200		69.4	73.6	77.9	83.5	84.0	86.0	90.7	92.9	94.4	95.2	95.9	96.3	96.7	97.1	97.7
≥ 100		69.4	73.6	77.9	83.5	84.0	86.0	90.7	92.9	94.7	95.8	96.6	97.0	97.5	97.9	99.1
≥ 0		69.4	73.6	77.9	83.5	84.0	86.0	90.7	92.9	94.7	95.8	96.6	97.0	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 875

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

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 HAHN AB/HUNSRUCK GERMANY 1972 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-1000
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING		30.9	31.1	32.2	32.3	32.3	32.6	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9
≥ 20000		37.9	38.1	38.9	39.1	39.3	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8
≥ 18000		37.9	38.9	39.8	39.9	39.8	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2
≥ 6000		38.2	39.2	39.7	40.1	40.1	40.5	40.5	40.5	40.6	40.6	40.7	40.8	40.8	40.8
≥ 14000		39.9	40.4	40.5	40.9	40.9	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4
≥ 12000		41.3	41.6	41.9	42.4	42.4	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9
≥ 10000		42.7	43.3	44.3	45.1	45.1	45.5	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7
≥ 9000		44.1	45.4	46.0	46.6	46.8	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
≥ 8000		47.3	49.3	49.4	50.4	50.5	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
≥ 7000		48.7	51.0	51.5	52.5	52.8	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000		50.2	51.6	52.2	53.1	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 5000		51.4	53.1	53.7	54.7	54.8	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥ 4500		52.4	53.4	54.3	55.3	55.5	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4000		55.9	57.0	58.0	59.1	59.4	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 3500		57.1	58.2	59.9	61.1	61.4	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 3000		63.7	65.3	66.9	67.9	68.2	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 2500		68.9	70.1	71.7	72.8	72.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 2000		72.9	74.4	76.1	77.3	77.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1800		74.7	75.9	77.8	78.9	79.1	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1500		78.7	79.7	81.8	82.9	83.2	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200		79.1	81.1	83.3	84.7	85.3	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000		79.7	82.0	84.7	86.4	86.8	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900		79.9	82.2	85.0	86.9	87.2	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800		80.3	82.6	86.0	87.9	88.2	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700		80.5	83.1	86.5	89.6	90.0	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 600		80.8	83.4	87.2	90.6	91.0	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 500		81.1	83.9	88.1	92.0	92.5	94.6	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400		81.1	83.9	88.1	92.1	92.6	94.8	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300		81.2	84.0	88.2	92.5	93.0	96.7	97.5	97.7	97.9	98.1	98.1	98.3	98.4	98.4
≥ 200		81.2	84.0	88.2	92.5	93.0	96.8	97.7	97.9	98.4	98.6	98.6	98.9	99.2	99.3
≥ 100		81.2	84.0	88.2	92.5	93.0	96.8	97.8	98.2	98.7	99.0	99.1	99.3	99.7	99.8
≥ 0		81.2	84.0	88.2	92.5	93.0	96.8	97.8	98.2	98.7	99.0	99.1	99.3	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 876

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

DATA PROCESSING FROM OF
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34095 [illegible] / AL SPACE SERVICE [illegible] 1977 [illegible]
STA. NO. STA. NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	29.1	29.1	29.7	29.7	29.7	[illegible]	[illegible]	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 20000	34.7	34.7	35.3	35.3	35.3	[illegible]	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 8000	35.2	35.4	36.0	36.0	36.0	[illegible]	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 6000	35.4	35.6	36.4	36.4	36.4	[illegible]	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 4000	36.5	36.8	37.3	37.3	37.3	[illegible]	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 2000	36.7	36.9	36.9	36.9	36.9	[illegible]	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 10000	40.4	40.8	41.2	41.2	41.2	[illegible]	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 9000	41.4	41.7	42.2	42.2	42.2	[illegible]	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 8000	44.5	44.7	45.7	45.7	45.8	[illegible]	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 7000	47.4	47.6	48.5	48.6	48.6	[illegible]	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 6000	48.9	48.7	49.7	49.8	49.8	[illegible]	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 5000	52.1	52.4	53.8	53.7	53.7	[illegible]	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4500	54.7	55.4	56.3	56.6	56.6	[illegible]	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4000	61.2	61.9	62.9	63.2	63.2	[illegible]	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5
≥ 3500	65.4	66.0	67.7	68.2	68.2	[illegible]	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	74.9	75.9	77.3	77.8	77.9	[illegible]	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	79.7	80.1	81.8	82.8	82.8	[illegible]	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	82.0	83.2	85.3	86.3	86.3	[illegible]	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	83.1	84.4	86.4	87.6	87.6	[illegible]	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	85.2	86.4	88.7	90.3	90.3	[illegible]	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1200	86.3	87.7	90.3	92.2	92.2	[illegible]	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	86.4	88.2	91.0	93.2	93.2	[illegible]	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	86.6	88.4	91.1	93.3	93.3	[illegible]	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	87.2	88.3	91.9	94.4	94.4	[illegible]	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	87.2	88.9	92.0	94.7	94.7	[illegible]	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	87.9	89.4	92.8	95.4	95.6	[illegible]	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	88.1	89.7	93.0	96.5	96.5	[illegible]	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	88.1	89.8	93.2	96.8	96.8	[illegible]	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	88.1	90.0	93.3	97.1	97.1	[illegible]	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	88.1	90.0	93.3	97.1	97.1	[illegible]	99.0	99.1	99.5	99.7	99.8	99.8	99.8	99.8	100.0
≥ 100	88.1	90.0	93.3	97.1	97.1	[illegible]	99.0	99.1	99.5	99.7	99.8	99.8	99.8	99.8	100.0
0	88.1	90.0	93.3	97.1	97.1	[illegible]	99.0	99.1	99.5	99.7	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 876

USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34025 | HILL AFB, SPACE SURVEY | [illegible] | [illegible]
STATION NUMBER | STATION NAME | YEARS | HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING		31.3	32.3	32.4	32.4	32.4	32.4	32.4	32.8	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 20000		41.5	41.8	41.9	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 18000		42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 16000		43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 14000		43.7	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 12000		45.6	45.7	45.9	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 10000		50.1	50.2	50.3	50.4	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 9000		51.9	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 8000		54.9	55.2	55.4	55.5	55.7	55.7	55.7	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0
≥ 7000		57.4	57.6	57.8	58.0	58.2	58.2	58.2	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4
≥ 6000		59.1	59.4	59.6	60.0	60.1	60.2	60.2	60.2	60.1	60.1	60.2	60.2	60.2	60.2	60.2
≥ 5000		62.9	63.2	63.5	63.8	63.9	63.9	63.9	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2
≥ 4500		65.2	66.4	66.9	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4
≥ 4000		71.9	72.8	73.3	73.6	73.8	73.8	73.8	73.8	73.9	73.9	74.1	74.1	74.2	74.2	74.2
≥ 3500		75.9	76.8	77.3	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1
≥ 3000		80.4	81.1	82.4	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1
≥ 2500		83.1	84.0	85.2	86.1	86.2	86.2	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5
≥ 2000		85.4	86.5	88.1	89.4	89.6	89.7	89.8	89.8	90.0	90.0	90.2	90.2	90.2	90.2	90.2
≥ 1800		85.9	86.8	88.3	89.8	90.2	90.3	90.3	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7
≥ 1500		86.1	87.4	88.9	90.7	91.0	91.1	91.1	91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.6
≥ 1200		86.8	88.1	90.3	92.3	92.7	93.0	93.0	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4
≥ 1000		87.2	88.6	90.9	93.1	93.3	93.8	93.8	93.9	94.1	94.1	94.2	94.3	94.3	94.3	94.3
≥ 900		87.3	88.9	90.9	93.2	93.4	94.0	94.0	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5
≥ 800		87.7	89.1	91.3	93.7	93.9	94.5	94.5	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700		88.3	89.7	92.3	94.4	94.6	95.2	95.2	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9
≥ 600		88.4	89.8	92.4	94.7	95.1	95.8	96.0	96.1	96.5	96.5	96.7	96.7	96.7	96.7	96.7
≥ 500		88.6	90.0	92.4	95.3	95.7	97.0	97.0	97.1	97.4	97.4	97.7	97.7	97.7	97.7	97.7
≥ 400		88.6	90.0	92.4	95.6	95.9	97.5	97.5	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2
≥ 300		88.8	90.2	92.5	95.9	96.2	98.1	98.1	98.2	98.9	98.9	99.2	99.2	99.2	99.2	99.2
≥ 200		88.8	90.2	92.6	95.9	96.3	98.1	98.2	98.6	99.3	99.3	99.5	99.5	99.5	99.5	99.5
≥ 100		88.8	90.2	92.6	95.9	96.3	98.1	98.2	98.7	99.4	99.4	99.6	99.6	99.6	99.9	100.0
≥ 0		88.8	90.2	92.6	95.9	96.3	98.1	98.2	98.7	99.4	99.4	99.6	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 254

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

AMOS — [illegible] AFB, [illegible] — 1971-77 — [illegible]
STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥0
NO CEILING	37.7	37.7	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	47.7	47.7	47.9	48.0	48.2	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	47.9	48.3	48.4	48.4	48.5	48.5	48.5	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	48.3	48.8	48.9	49.1	49.2	49.2	49.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	49.6	50.0	50.1	51.1	51.2	51.2	51.2	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000	52.3	53.7	53.9	54.8	54.9	54.9	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 10000	58.3	59.8	59.9	60.3	61.0	61.0	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	61.0	61.5	61.5	62.7	62.9	63.0	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	64.4	65.1	65.3	66.5	66.7	66.9	66.9	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000	65.3	65.8	66.0	67.2	67.4	67.7	67.7	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	67.0	67.7	67.9	69.1	69.3	69.5	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 5000	70.6	71.2	71.6	72.8	73.0	73.2	73.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4500	72.8	73.3	73.7	75.1	75.3	75.6	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	75.9	76.7	77.3	78.5	78.7	79.0	79.0	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	77.9	78.8	79.4	81.1	81.2	81.6	81.6	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	80.6	81.5	82.3	84.4	84.6	85.0	85.0	85.4	85.8	86.0	85.9	85.9	86.0	86.0	86.0
≥ 2500	82.4	83.1	84.1	86.2	86.3	86.8	86.8	87.3	87.8	87.9	87.9	88.0	88.0	88.0	88.0
≥ 2000	82.7	83.8	85.1	87.4	87.5	88.0	88.0	88.6	89.1	89.3	89.3	89.4	89.4	89.4	89.4
≥ 1800	82.7	83.8	85.1	87.5	87.7	88.1	88.1	88.8	89.3	89.4	89.4	89.5	89.5	89.5	89.5
≥ 1500	82.7	84.1	85.3	87.9	88.0	88.6	88.6	89.5	90.0	90.1	90.1	90.2	90.2	90.2	90.2
≥ 1200	83.7	84.9	86.4	89.4	89.6	90.5	90.5	91.2	91.7	91.9	91.9	92.0	92.0	92.1	92.1
≥ 1000	84.4	85.7	87.2	90.6	90.9	91.9	91.9	92.6	93.1	93.2	93.2	93.4	93.3	93.4	93.4
≥ 900	84.4	85.7	87.2	90.8	90.9	92.0	92.0	92.7	93.2	93.3	93.3	93.4	93.5	93.5	93.5
≥ 800	84.8	86.0	87.3	91.2	91.5	92.6	92.6	93.3	93.8	94.1	94.1	94.1	94.2	94.2	94.2
≥ 700	85.1	86.3	87.8	91.5	91.7	92.8	93.0	93.6	94.1	94.4	94.4	94.4	94.6	94.6	94.6
≥ 600	85.1	86.3	87.9	91.9	92.1	93.2	93.4	94.0	94.4	94.8	94.8	94.9	94.9	94.9	94.9
≥ 500	85.1	86.3	87.8	92.0	92.2	93.7	94.0	94.6	95.1	95.6	95.6	95.6	95.9	95.9	95.9
≥ 400	85.2	86.4	87.9	92.3	92.6	94.3	94.6	95.3	96.0	96.7	96.7	97.0	97.0	97.1	97.1
≥ 300	85.3	86.5	88.0	92.6	92.8	94.6	94.9	95.9	96.8	97.5	97.7	97.7	98.0	98.0	98.0
≥ 200	85.4	86.7	88.1	92.7	93.0	94.9	95.4	96.4	97.7	98.5	98.6	98.6	99.1	99.1	99.1
≥ 100	85.4	86.7	88.1	92.8	93.1	95.1	95.6	96.7	97.9	98.8	99.0	99.0	99.5	99.5	100.0
≥ 0	85.4	86.7	88.1	92.8	93.1	95.1	95.6	96.7	97.9	98.8	99.1	99.1	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible] 810

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34025 | [illegible] AFB/Hq SPACE C,S&A W | [illegible] | 71-77

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥	≥	≥	≥	≥	≥	≥
NO CEILING		43.9	44.4	45.2	45.3	45.3	[illegible]	45.2	45.2	45.3	[illegible]	45.3	[illegible]	45.5	[illegible]
≥ 20000		50.4	50.1	51.1	51.4	51.4	52.0	52.7	52.8	52.8	52.9	52.9	52.9	53.1	53.1
≥ 8000		48.9	50.4	51.2	51.4	51.6	[illegible]	53.0	53.0	53.1	53.1	53.1	53.1	53.3	53.3
≥ 6000		50.1	50.8	51.7	52.1	52.1	[illegible]	53.5	53.5	53.5	53.6	53.6	53.6	53.8	53.8
≥ 14000		51.9	52.3	53.2	53.6	53.8	[illegible]	54.9	54.9	55.1	55.1	55.1	55.1	55.3	55.3
≥ 12000		53.7	53.7	54.7	55.1	55.2	[illegible]	56.5	56.5	56.7	56.7	56.7	56.7	56.9	56.9
≥ 10000		57.9	58.4	59.5	60.4	[illegible]	[illegible]	61.6	61.6	61.7	[illegible]	61.7	[illegible]	62.0	62.0
≥ 9000		58.4	59.3	60.6	61.4	61.4	[illegible]	62.7	62.7	62.8	62.8	62.8	62.8	63.1	63.1
≥ 8000		61.7	63.1	64.2	65.2	65.2	[illegible]	66.7	66.7	66.8	66.8	66.8	66.8	67.1	67.1
≥ 7000		63.4	64.9	66.3	67.1	67.1	[illegible]	68.5	68.5	68.6	68.6	68.6	68.6	68.9	68.9
≥ 6000		64.9	66.3	67.2	68.1	68.1	[illegible]	69.6	69.6	69.8	69.8	69.8	69.8	71.0	70.0
≥ 5000		67.2	68.8	69.8	70.9	70.9	[illegible]	72.5	72.5	72.7	72.7	72.7	72.7	73.1	73.1
≥ 4500		68.1	69.8	70.9	72.0	72.0	[illegible]	73.6	73.6	73.8	73.8	73.8	73.8	74.1	74.1
≥ 4000		70.9	72.6	73.8	74.9	74.9	[illegible]	76.5	76.5	76.8	76.8	76.8	76.8	77.1	77.1
≥ 3500		72.3	73.8	75.3	76.8	76.8	[illegible]	78.8	78.9	79.0	79.0	79.1	79.1	79.3	79.3
≥ 3000		76.7	77.4	79.0	80.5	80.7	[illegible]	82.7	82.8	83.0	83.0	83.1	83.1	83.3	83.3
≥ 2500		77.9	79.5	81.2	83.1	83.3	[illegible]	85.6	85.7	85.9	85.9	86.1	86.1	86.2	86.2
≥ 2000		79.4	80.9	82.6	84.4	84.6	[illegible]	86.7	86.8	86.9	86.9	87.1	87.1	87.3	87.3
≥ 1900		79.9	80.4	82.5	84.4	84.6	[illegible]	87.0	87.2	87.3	87.3	87.4	87.4	87.7	87.7
≥ 1500		79.9	80.9	83.1	85.1	85.2	[illegible]	87.7	87.8	87.9	87.9	88.0	88.0	88.3	88.3
≥ 1200		79.7	81.1	83.9	86.3	86.5	[illegible]	88.8	88.9	89.0	89.1	89.1	89.1	89.4	89.4
≥ 1000		80.2	82.2	85.4	88.2	88.3	[illegible]	91.0	91.1	[illegible]	91.2	91.3	91.4	91.6	91.6
≥ 900		80.2	82.4	85.4	88.2	88.3	[illegible]	91.1	[illegible]	91.4	91.4	91.4	91.5	91.7	91.7
≥ 800		80.9	82.6	86.2	89.1	89.2	[illegible]	92.0	92.2	92.3	92.3	92.3	92.4	92.6	92.6
≥ 700		80.9	82.8	86.2	89.0	89.2	[illegible]	92.0	92.2	92.3	92.3	92.3	92.4	92.6	92.6
≥ 600		81.9	83.0	86.3	89.1	89.3	[illegible]	92.7	93.0	93.1	93.1	93.1	93.3	93.6	93.6
≥ 500		81.9	83.5	87.3	90.6	90.8	[illegible]	94.1	94.3	94.4	94.4	94.4	94.7	94.9	94.9
≥ 400		81.9	83.6	87.3	90.9	90.9	[illegible]	94.4	94.7	95.2	95.3	95.3	95.6	95.8	95.8
≥ 300		81.8	83.7	87.5	91.1	91.1	[illegible]	95.3	95.6	96.5	96.7	96.7	97.2	97.5	97.5
≥ 200		81.8	83.7	87.7	91.2	91.2	[illegible]	95.6	95.8	96.9	97.3	97.4	98.3	98.6	98.6
≥ 100		81.9	83.7	87.7	91.2	91.2	[illegible]	95.6	95.8	97.0	97.7	97.9	98.8	99.3	99.8	100.0
≥ 0		81.9	83.7	87.7	91.2	91.2	[illegible]	95.6	95.8	97.0	97.7	97.9	98.8	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 1	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0			
NO CEILING	35.4	36.2	37.1	37.8	37.6	[illegible]	[illegible]	39.3	39.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
≥ 20000	41.7	42.6	43.5	44.1	44.1	[illegible]	44.9	44.9	45.1	[illegible]	[illegible]	[illegible]	[illegible]	45.2	45.6	45.9
≥ 15000	42.1	43.1	43.9	44.6	44.4	[illegible]	45.3	45.4	45.6	[illegible]	45.6	[illegible]	[illegible]	[illegible]	45.7	45.9
≥ 10000	42.4	43.3	44.2	45.0	44.9	[illegible]	45.7	45.8	46.0	[illegible]	46.0	[illegible]	[illegible]	[illegible]	46.2	46.5
≥ 9000	42.4	44.4	45.1	45.9	45.8	[illegible]	46.6	46.7	46.8	[illegible]	46.9	[illegible]	[illegible]	47.1	47.1	47.1
≥ 8000	42.1	43.1	46.9	47.7	47.6	[illegible]	48.5	48.5	48.6	[illegible]	48.6	[illegible]	[illegible]	[illegible]	48.8	49.1
≥ 7000	43.3	49.4	50.2	51.2	51.2	[illegible]	52.0	52.1	52.3	[illegible]	52.4	[illegible]	[illegible]	[illegible]	52.9	53.2
≥ 6000	47.7	50.6	51.7	52.7	52.7	[illegible]	53.5	53.6	53.8	[illegible]	53.9	[illegible]	[illegible]	[illegible]	54.2	54.5
≥ 5000	53.8	54.3	55.3	56.2	56.2	[illegible]	57.2	57.2	57.5	[illegible]	57.5	[illegible]	[illegible]	[illegible]	57.7	57.9
≥ 4500	54.5	55.7	56.7	57.6	57.9	[illegible]	59.9	59.0	59.2	[illegible]	59.3	[illegible]	[illegible]	[illegible]	59.6	59.8
≥ 4000	55.5	56.7	57.7	58.6	59.0	[illegible]	59.9	60.0	60.2	[illegible]	60.3	[illegible]	[illegible]	[illegible]	60.6	60.9
≥ 3500	58.7	59.9	60.4	61.4	61.8	[illegible]	62.8	62.9	63.2	[illegible]	63.3	[illegible]	[illegible]	[illegible]	63.4	63.7
≥ 3000	59.4	60.6	62.3	63.3	63.4	[illegible]	64.4	64.5	64.7	[illegible]	64.8	[illegible]	[illegible]	[illegible]	65.0	65.1
≥ 2500	62.9	64.4	65.4	67.3	67.3	[illegible]	68.4	68.5	68.8	[illegible]	68.9	[illegible]	[illegible]	[illegible]	69.1	69.3
≥ 2000	65.7	66.8	68.1	69.7	69.8	[illegible]	70.9	71.0	71.3	[illegible]	71.4	[illegible]	[illegible]	[illegible]	71.8	71.7
≥ 1800	67.2	68.3	69.6	71.2	71.3	[illegible]	72.4	72.5	72.8	[illegible]	72.9	[illegible]	[illegible]	[illegible]	73.3	73.4
≥ 1500	68.2	69.3	70.6	72.2	72.3	[illegible]	73.4	73.5	73.8	[illegible]	73.9	[illegible]	[illegible]	[illegible]	74.3	74.4
≥ 1200	70.2	70.9	72.6	74.3	74.4	[illegible]	75.6	75.7	76.0	[illegible]	76.1	[illegible]	[illegible]	[illegible]	76.6	76.7
≥ 1000	71.9	73.3	75.2	77.1	77.2	[illegible]	78.5	78.7	79.0	[illegible]	79.1	[illegible]	[illegible]	[illegible]	79.6	79.8
≥ 900	73.6	75.5	77.5	79.6	79.7	[illegible]	81.1	81.3	81.6	[illegible]	81.7	[illegible]	[illegible]	[illegible]	82.1	82.3
≥ 800	74.1	76.1	78.1	80.4	80.5	[illegible]	81.9	82.1	82.4	[illegible]	82.5	[illegible]	[illegible]	[illegible]	82.8	83.0
≥ 700	75.5	77.7	79.9	82.3	82.4	[illegible]	83.9	84.1	84.4	[illegible]	84.5	[illegible]	[illegible]	[illegible]	84.8	84.9
≥ 600	76.4	78.7	81.3	83.9	84.1	[illegible]	85.8	86.0	86.3	[illegible]	86.4	[illegible]	[illegible]	[illegible]	86.8	86.9
≥ 500	77.4	79.8	82.5	85.4	85.6	[illegible]	87.5	87.7	88.0	[illegible]	88.1	[illegible]	[illegible]	[illegible]	88.6	88.7
≥ 400	77.6	80.1	82.9	85.9	86.0	[illegible]	87.9	88.1	88.5	[illegible]	88.6	[illegible]	[illegible]	[illegible]	88.8	89.0
≥ 300	78.1	80.7	83.6	86.7	86.9	[illegible]	88.9	89.1	89.5	[illegible]	89.6	[illegible]	[illegible]	[illegible]	89.9	90.1
≥ 200	78.5	81.0	84.1	87.3	87.7	[illegible]	89.8	90.1	90.5	[illegible]	90.6	[illegible]	[illegible]	[illegible]	90.9	91.1
≥ 100	78.9	81.6	84.8	88.1	88.3	[illegible]	91.4	91.7	92.1	[illegible]	92.2	[illegible]	[illegible]	[illegible]	92.5	92.7
≥ 0	79.3	82.0	85.4	89.5	89.9	[illegible]	93.2	93.5	94.0	[illegible]	94.1	[illegible]	[illegible]	[illegible]	94.5	94.8
	79.3	82.1	85.5	89.9	90.2	[illegible]	93.9	94.3	95.0	[illegible]	95.1	[illegible]	[illegible]	[illegible]	95.6	95.9
	79.4	82.2	85.7	90.2	90.6	[illegible]	94.3	95.3	96.2	[illegible]	96.5	[illegible]	[illegible]	[illegible]	97.2	97.6
	79.4	82.2	85.8	90.2	90.6	[illegible]	95.1	95.8	96.8	[illegible]	97.2	[illegible]	[illegible]	[illegible]	98.2	98.6
	79.4	82.4	85.8	90.2	90.6	[illegible]	95.1	95.9	97.0	[illegible]	97.4	[illegible]	[illegible]	[illegible]	98.7	99.1
	79.4	82.2	85.8	90.2	90.6	[illegible]	95.1	95.9	97.0	[illegible]	97.4	[illegible]	[illegible]	[illegible]	98.7	99.1

TOTAL NUMBER OF OBSERVATIONS [illegible] 6767

C

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

84025 STATION NUMBER | HAHN AB/MIL BRUCH GERMANY STATION NAME | 6[illegible] ,71-77 YEARS | [illegible] MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING		47.1	49.2	51.1	53.2	53.2	54.1	54.4	54.7	55.1	55.4	55.5	55.1	55.1	55.3
≥ 20000		52.5	54.7	56.5	58.7	58.7	59.6	59.9	60.2	60.9	61.2	61.3	61.4	61.4	61.4
≥ 18000		53.1	55.3	57.1	59.3	59.3	60.2	60.8	61.0	61.7	61.9	62.1	61.8	61.8	62.1
≥ 16000		53.5	55.6	57.4	59.7	59.7	60.6	61.4	61.6	62.3	62.4	62.6	62.4	62.4	62.6
≥ 14000		53.6	55.7	57.5	60.1	60.1	61.0	61.9	61.5	61.7	62.4	62.6	62.4	62.4	62.7
≥ 12000		54.7	56.8	58.8	60.4	60.4	61.3	61.7	62.3	62.9	63.3	63.4	63.4	63.4	63.7
≥ 10000		55.4	57.5	59.4	62.1	62.1	63.2	63.8	64.0	64.7	64.9	64.9	64.8	64.8	65.0
≥ 9000		55.9	58.0	59.9	62.6	62.6	63.7	64.2	64.5	65.2	65.4	65.4	65.3	65.3	65.4
≥ 8000		57.9	60.0	62.1	65.1	65.1	66.2	67.0	67.2	67.9	68.1	68.1	68.1	68.1	68.2
≥ 7000		58.9	62.1	64.1	67.1	67.1	68.1	69.0	69.3	70.0	70.1	70.1	70.1	70.1	70.2
≥ 6000		60.6	62.8	65.0	67.9	67.9	69.0	69.9	70.1	70.8	70.9	70.9	70.9	70.9	71.1
≥ 5000		62.0	65.3	67.7	70.7	70.7	71.7	72.6	72.8	73.6	73.7	73.7	73.7	73.8	73.8
≥ 4500		63.9	65.8	68.4	71.4	71.4	72.4	73.3	73.6	74.3	74.4	74.4	74.4	74.5	74.5
≥ 4000		67.4	69.9	72.7	76.0	76.0	77.2	78.2	78.5	79.2	79.3	79.3	79.3	79.4	79.4
≥ 3500		68.5	70.9	74.0	77.3	77.3	78.5	79.5	79.8	80.5	80.6	80.6	80.6	80.7	80.7
≥ 3000		69.9	72.4	75.8	79.1	79.1	80.3	81.7	82.2	82.9	83.1	83.0	83.0	83.1	83.1
≥ 2500		70.7	73.3	77.0	80.3	80.3	81.6	82.0	83.5	84.2	84.3	84.3	84.3	84.4	84.4
≥ 2000		71.9	74.5	78.6	81.9	81.9	83.2	84.7	85.2	86.0	86.1	86.1	86.1	86.2	86.2
≥ 1800		72.1	74.8	78.9	82.2	82.2	83.7	84.9	85.4	86.2	86.4	86.4	86.4	86.5	86.5
≥ 1500		73.3	76.1	80.1	83.5	83.5	85.0	86.2	86.7	87.6	87.7	87.7	87.7	87.8	87.8
≥ 1200		74.3	77.0	81.2	84.7	84.7	86.2	87.4	88.0	88.9	89.0	89.0	89.0	89.1	89.1
≥ 1000		74.9	77.8	81.9	85.4	85.4	87.1	88.3	88.9	89.7	90.0	90.0	90.0	90.1	90.1
≥ 900		75.1	78.0	82.5	86.0	86.0	87.9	89.1	89.7	90.6	90.8	90.8	90.8	90.9	90.9
≥ 800		75.4	78.2	82.8	86.2	86.2	88.3	89.5	90.1	90.9	91.1	91.1	91.1	91.3	91.3
≥ 700		75.7	78.6	83.5	87.1	87.1	89.4	90.6	91.3	92.1	92.5	92.5	92.5	92.6	92.6
≥ 600		76.4	79.4	84.4	88.2	88.2	90.7	91.9	92.6	93.4	93.8	93.8	93.8	93.9	93.9
≥ 500		76.7	79.9	84.9	88.9	88.9	91.4	92.6	93.3	94.3	94.6	94.6	94.6	94.7	94.7
≥ 400		76.7	79.9	85.8	90.3	90.3	93.1	94.3	95.0	95.9	96.3	96.3	96.4	96.5	96.5
≥ 300		76.9	80.1	86.1	90.8	90.8	93.5	95.0	95.7	96.8	97.1	97.1	97.4	97.5	97.6
≥ 200		77.0	80.4	86.4	91.4	91.4	94.4	95.8	96.5	97.6	98.2	98.4	98.5	99.0	99.2
≥ 100		77.0	80.4	86.4	91.4	91.4	94.4	95.8	96.8	97.8	98.6	98.9	99.3	99.4	99.8
0		77.0	80.4	86.4	91.4	91.4	94.4	95.8	96.8	97.8	98.6	98.9	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 836

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34025 (STATION) HAHN AB/HETZBRUCK GERMANY (STATION NAME) 64-77 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0600 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/16	≥¼	≥0
NO CEILING		36.4	38.2	40.1	42.7	42.7	44.4	45.4	45.8	46.3	46.3	46.3	46.5	46.5	46.5
≥ 20000+		39.1	41.4	43.4	46.1	46.1	47.8	48.8	49.1	49.5	49.6	49.6	49.9	50.1	50.1
≥ 18000		39.5	41.5	43.5	46.3	46.3	48.0	48.9	49.4	49.8	50.1	50.1	50.4	50.5	50.5
≥ 16000		39.5	41.5	43.5	46.3	46.3	48.0	48.9	49.4	49.8	50.1	50.1	50.4	50.5	50.5
≥ 14000		40.2	42.2	44.2	47.1	47.1	48.7	49.7	50.2	50.6	50.9	50.8	51.1	51.2	51.3
≥ 12000		40.9	42.7	45.0	48.1	48.2	49.8	50.8	51.3	51.7	51.9	51.9	52.2	52.3	52.4
≥ 10000		42.4	44.4	46.6	49.9	50.1	51.7	52.7	53.2	53.6	53.9	53.8	54.0	54.2	54.3
≥ 9000		43.5	45.5	47.7	51.1	51.2	52.8	53.8	54.3	54.7	55.0	55.0	55.3	55.4	55.5
≥ 8000		46.4	48.6	50.9	54.0	54.7	56.4	57.5	57.9	58.5	58.8	58.9	59.0	59.1	59.2
≥ 7000		47.6	49.8	52.2	55.3	56.0	57.7	58.8	59.7	60.2	60.5	60.5	60.8	60.9	61.0
≥ 6000		49.9	51.3	53.6	57.5	57.6	59.5	60.6	61.5	62.0	62.3	62.3	62.6	62.7	62.8
≥ 5000		50.5	53.3	55.4	59.4	59.4	61.2	62.2	63.2	63.8	64.1	64.1	64.3	64.5	64.6
≥ 4500		51.5	54.0	56.5	60.4	60.5	62.3	63.5	64.3	64.9	65.2	65.2	65.4	65.6	65.7
≥ 4000		55.4	57.9	60.6	64.8	64.9	66.9	68.1	69.0	69.5	70.3	70.3	70.2	70.5	70.7
≥ 3500		56.5	59.4	62.1	66.6	66.9	68.0	70.2	71.1	71.7	72.1	72.1	72.3	72.6	72.8
≥ 3000		57.9	60.8	63.8	68.2	68.3	69.5	71.9	72.9	73.4	73.9	73.9	74.1	74.4	74.5
≥ 2500		58.5	61.4	64.1	68.8	68.9	70.2	72.5	73.6	74.2	74.6	74.6	74.9	75.2	75.3
≥ 2000		59.9	63.0	66.1	70.8	70.9	72.2	74.5	75.6	76.2	76.6	76.6	76.9	77.2	77.3
≥ 1800		60.5	63.6	66.7	71.3	71.4	73.8	75.1	76.2	76.7	77.2	77.2	77.4	77.7	77.9
≥ 1500		62.5	65.7	68.8	73.6	73.8	76.1	77.5	78.6	79.2	79.6	79.6	79.8	80.2	80.3
≥ 1200		63.5	66.7	70.0	75.2	75.3	77.6	79.3	80.4	81.0	81.4	81.4	81.7	82.1	82.2
≥ 1000		64.6	68.1	71.7	77.0	77.1	79.8	81.5	82.6	83.2	83.6	83.6	83.9	84.3	84.4
≥ 900		64.6	68.1	71.7	77.3	77.4	80.2	81.8	82.9	83.5	83.9	83.9	84.3	84.6	84.7
≥ 800		65.3	69.0	72.6	78.3	78.4	81.3	82.9	84.1	84.8	85.3	85.3	85.6	85.9	86.0
≥ 700		65.7	69.3	73.3	78.8	79.0	81.9	83.8	84.9	85.7	86.2	86.2	86.5	86.8	86.9
≥ 600		66.6	70.2	74.9	80.6	80.8	84.1	86.2	87.3	88.4	88.8	88.8	89.1	89.5	89.6
≥ 500		67.1	70.9	75.7	81.8	82.1	85.5	87.7	88.9	90.1	90.6	90.6	90.9	91.3	91.4
≥ 400		67.2	71.0	76.1	82.8	83.2	86.7	89.5	90.8	92.2	92.8	92.9	93.4	93.7	93.8
≥ 300		67.3	71.2	76.3	83.2	83.5	87.2	90.3	91.6	93.5	94.1	94.2	94.9	95.3	95.6
≥ 200		67.3	71.2	76.3	83.6	83.9	88.0	91.1	92.6	94.9	95.6	95.7	96.5	97.1	97.6
≥ 100		67.3	71.2	76.3	83.6	83.9	88.0	91.3	92.8	95.3	96.2	96.3	97.3	98.2	98.9
0		67.3	71.2	76.3	83.6	83.9	88.0	91.3	92.8	95.3	96.3	96.5	97.6	98.4	99.1

TOTAL NUMBER OF OBSERVATIONS 903

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

[illegible] STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥	≥	≥	≥	≥	≥5/16	≥	≥0
NO CEILING		33.0	34.4	37.5	39.6	40.0	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000		37.2	38.6	42.1	44.0	44.0	45.0	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000		37.5	39.1	42.4	45.0	45.3	46.3	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 16000		37.8	39.4	42.7	45.3	45.6	46.6	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000		39.3	41.4	44.3	46.4	47.2	48.2	48.8	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 12000		40.6	42.4	45.4	48.1	48.6	49.6	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 10000		42.4	44.1	47.5	50.3	51.8	52.9	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 9000		44.4	46.1	49.3	52.3	52.3	53.9	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 8000		47.4	49.4	53.0	56.1	56.4	57.7	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 7000		48.3	50.5	54.2	57.4	57.7	59.1	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 6000		49.2	51.3	55.1	58.4	58.7	60.1	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 5000		50.9	53.4	56.8	60.1	60.3	61.7	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4500		51.9	54.2	57.9	61.2	61.6	63.0	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 4000		52.4	55.7	59.5	62.9	63.2	64.5	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 3500		55.0	57.3	61.2	64.6	65.1	66.4	67.0	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6
≥ 3000		56.3	59.5	63.3	67.1	67.3	68.8	69.3	69.7	69.9	70.1	70.1	70.1	70.2	70.2	70.2
≥ 2500		58.9	61.5	65.3	69.1	69.3	70.8	71.3	71.7	71.9	72.1	72.1	72.1	72.2	72.2	72.2
≥ 2000		60.6	63.3	67.3	71.1	71.3	72.8	73.3	73.8	73.9	74.1	74.1	74.1	74.2	74.2	74.2
≥ 1800		61.7	63.8	67.8	71.4	71.8	73.2	73.8	74.1	74.3	74.5	74.5	74.5	74.6	74.6	74.6
≥ 1500		62.9	65.7	69.9	73.9	74.2	75.6	76.2	76.3	76.7	77.0	77.0	77.0	77.1	77.1	77.1
≥ 1200		64.6	67.3	71.5	76.0	76.3	77.7	78.4	78.7	79.0	79.2	79.2	79.2	79.3	79.3	79.3
≥ 1000		65.7	68.7	73.1	77.5	77.9	79.4	80.1	80.4	80.6	80.8	80.8	80.8	81.0	81.0	81.0
≥ 900		66.9	68.9	73.3	78.1	78.4	80.0	80.6	81.0	81.2	81.4	81.4	81.4	81.5	81.5	81.5
≥ 800		68.0	71.1	75.9	80.7	81.1	82.8	83.6	83.9	84.2	84.4	84.4	84.4	84.5	84.5	84.5
≥ 700		68.7	71.8	76.9	81.8	82.2	83.9	85.0	85.4	85.6	85.8	85.9	85.8	85.9	85.9	85.9
≥ 600		69.4	72.8	78.1	83.0	83.9	85.2	87.3	87.7	88.0	88.3	88.3	88.3	88.4	88.4	88.4
≥ 500		69.5	73.1	78.6	84.7	85.2	88.0	89.1	89.7	90.3	90.5	90.5	90.5	90.6	90.6	90.6
≥ 400		69.5	73.2	78.7	85.2	85.6	88.8	90.5	91.1	91.9	92.1	92.1	92.1	92.2	92.2	92.2
≥ 300		69.5	73.2	78.7	85.6	86.0	89.4	92.2	93.5	94.8	95.2	95.2	95.5	95.9	95.9	96.1
≥ 200		69.5	73.2	78.7	85.6	86.0	89.5	92.5	94.1	95.7	96.3	96.6	96.9	97.5	97.6	97.8
≥ 100		69.5	73.2	78.7	85.6	86.0	89.5	92.5	94.2	95.9	96.8	97.0	97.8	98.6	98.8	99.2
≥ 0		69.5	73.2	78.7	85.7	86.2	89.6	92.6	94.4	96.0	96.9	97.1	97.9	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34025 STATION | HAHN AB/HUNSRUCK JERMANY STATION NAME | 4-77 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-1100 HOURS L.S.T.

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		37.7	38.4	39.8	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 20000		44.9	45.5	47.1	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000		45.2	46.0	47.3	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 16000		45.4	46.2	47.5	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 14000		45.5	46.3	48.0	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 12000		47.7	48.6	49.9	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000		49.9	50.8	52.3	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 9000		51.8	52.7	54.2	54.9	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 8000		54.5	55.4	57.0	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000		55.4	56.4	57.9	58.8	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 6000		55.5	56.5	58.1	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 5000		57.1	58.4	59.9	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 4500		58.6	59.8	61.4	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 4000		61.5	62.7	64.2	65.4	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3500		63.2	64.2	65.8	67.1	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 3000		67.5	68.9	70.7	72.0	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2500		71.5	72.9	74.8	76.3	76.3	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2000		75.2	76.6	78.7	80.4	80.4	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1800		76.2	77.7	79.8	81.6	81.6	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1500		80.0	81.6	83.8	86.6	86.6	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200		81.2	83.1	85.7	88.3	88.3	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000		82.5	84.4	87.0	89.8	89.8	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900		82.7	84.6	87.4	90.1	90.1	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 800		83.4	85.6	88.3	91.9	91.9	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700		83.7	86.0	89.4	92.7	92.7	93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600		83.8	86.4	89.7	93.1	93.1	94.0	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500		84.1	86.6	90.0	94.0	94.0	95.2	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400		84.2	86.9	90.5	94.6	94.6	95.2	97.0	97.1	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300		84.2	86.9	90.8	94.9	94.9	97.0	98.0	98.1	98.9	99.0	99.0	99.0	99.0	99.0
≥ 200		84.2	86.9	90.8	94.9	94.9	97.0	98.0	98.2	99.1	99.2	99.2	99.3	99.4	99.4
≥ 100		84.2	86.9	90.8	94.9	94.9	97.0	98.0	98.2	99.3	99.4	99.5	99.7	99.9	99.9
0		84.2	86.9	90.8	94.9	94.9	97.0	98.0	98.2	99.3	99.4	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 903

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34055 (STATION) | RAMS. AB/MUNSBACH GERMANY (STATION NAME) | 8-77 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

120-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		36.4	36.9	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000		42.4	42.9	43.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 18000		43.1	43.5	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 16000		43.2	43.6	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 14000		43.6	44.1	44.5	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 12000		46.0	46.4	46.8	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 10000		48.1	48.5	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 9000		47.4	49.0	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 8000		52.8	53.4	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 7000		53.7	54.3	55.1	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 6000		54.7	54.8	55.7	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 5000		57.9	58.6	59.5	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 4500		60.9	61.6	62.5	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 4000		67.7	68.5	69.3	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3500		73.3	74.0	74.9	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000		79.6	80.3	81.4	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500		84.9	85.3	86.4	86.8	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000		87.7	88.3	89.7	90.4	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800		88.4	89.3	90.4	91.1	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500		90.6	91.6	92.9	93.6	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200		91.4	92.5	92.9	94.6	94.8	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000		92.0	93.1	94.8	95.7	95.7	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900		92.0	93.1	94.8	95.6	95.8	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800		92.9	93.9	95.8	96.6	96.6	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700		93.2	94.4	96.0	97.0	97.0	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600		93.4	94.5	96.1	97.1	97.1	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500		93.4	94.5	96.3	97.3	97.5	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		93.5	94.6	96.3	97.8	97.6	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300		93.5	94.6	96.7	97.9	97.9	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		93.6	94.7	96.8	98.0	98.0	98.7	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100		93.6	94.7	96.8	98.0	98.0	98.7	99.6	99.7	99.7	99.7	99.7	99.8	99.8	100.0
≥ 0		93.6	94.7	96.8	98.0	98.0	98.7	99.6	99.7	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 903

DATA PROCESSING GROUP
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34056 STATION | [illegible] AB/MULDROCK GERMANY STATION NAME | 8-77 YEARS | [illegible] HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		39.3	39.3	39.3	39.3	39.3	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000		46.1	47.1	47.1	47.1	47.1	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 18000		46.7	47.6	47.7	47.7	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 16000		47.0	47.9	48.0	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 14000		47.8	48.7	48.8	49.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 12000		49.8	50.7	50.9	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 10000		52.9	53.8	54.1	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 9000		55.1	56.1	56.4	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 8000		60.2	61.4	61.7	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000		63.4	64.7	64.0	64.2	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000		64.4	65.6	65.9	66.2	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000		68.4	69.6	70.1	70.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4500		71.4	73.0	73.3	73.6	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4000		78.0	79.5	79.8	80.1	80.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500		82.6	84.1	84.6	84.9	84.9	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000		87.2	88.8	89.3	89.6	89.8	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500		89.4	91.3	91.8	92.3	92.3	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000		91.3	93.1	93.6	94.1	94.1	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800		91.7	93.5	94.1	94.6	94.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500		92.1	93.9	94.6	95.0	95.0	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200		92.6	94.4	95.1	95.6	95.6	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		93.1	95.0	95.7	96.4	96.4	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900		93.3	95.2	95.9	96.6	96.6	97.2	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800		93.4	95.5	96.3	96.9	96.9	97.5	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700		93.4	95.5	96.3	96.9	96.9	97.5	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600		93.4	95.5	96.5	97.2	97.2	97.7	98.4	98.4	98.5	98.6	98.4	98.6	98.6	98.6
≥ 500		93.6	95.7	96.7	97.4	97.4	98.0	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9
≥ 400		93.6	95.7	96.8	97.7	97.7	98.6	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5
≥ 300		93.6	95.7	96.8	97.8	97.8	98.8	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200		93.6	95.7	96.8	97.8	97.8	98.8	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100		93.6	95.7	96.8	97.8	97.8	98.8	99.5	99.5	99.7	99.8	99.8	99.9	100.0	100.0
≥ 0		93.6	95.7	96.8	97.8	97.8	98.8	99.5	99.5	99.7	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥5/16	≥¼	0
NO CEILING		41.9	41.9	42.8	43.3	43.6	44.0	44.3	44.4	44.6	44.8	44.8	44.9	44.9	44.9
≥ 20000		52.1	53.2	54.2	55.1	55.1	55.4	55.8	55.9	56.0	56.1	56.1	56.2	56.2	56.2
≥ 18000		52.8	53.9	55.0	55.9	55.9	56.2	56.5	56.6	56.8	56.9	56.9	56.9	56.9	56.9
≥ 16000		52.9	54.0	55.1	55.9	55.9	56.3	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 14000		53.5	54.6	55.7	56.5	56.5	56.9	57.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000		55.1	56.2	57.2	58.1	58.1	58.4	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000		57.7	58.8	59.8	60.7	60.7	61.0	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000		59.5	60.7	61.9	62.7	62.7	63.1	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000		64.8	65.7	66.9	68.0	68.0	68.3	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000		67.9	69.2	70.5	71.4	71.4	71.8	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000		69.5	70.8	72.2	73.2	73.2	73.7	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000		73.8	75.3	76.7	77.8	77.8	78.3	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500		78.1	77.2	79.3	80.4	80.2	80.6	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000		81.2	83.0	84.3	85.4	85.8	86.4	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1
≥ 3500		83.9	85.3	86.7	88.1	88.1	88.6	89.0	89.1	89.2	89.2	89.2	89.4	89.4	89.4
≥ 3000		85.2	87.0	88.5	89.8	89.8	90.4	90.8	90.9	91.0	91.0	91.1	91.2	91.2	91.2
≥ 2500		86.4	88.6	90.1	92.1	92.1	92.8	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5
≥ 2000		87.6	89.8	91.6	93.1	93.1	93.8	94.1	94.3	94.4	94.5	94.6	94.7	94.7	94.7
≥ 1800		87.8	89.9	91.9	93.4	93.4	94.1	94.6	94.7	94.9	95.0	95.1	95.2	95.2	95.2
≥ 1500		88.9	90.9	93.1	94.8	94.9	95.7	96.2	96.3	96.4	96.5	96.7	96.8	96.8	96.8
≥ 1200		89.0	91.0	93.2	95.0	95.0	95.9	96.4	96.5	96.7	96.8	96.9	97.0	97.0	97.0
≥ 1000		89.2	91.4	93.7	95.5	95.6	96.8	97.3	97.4	97.5	97.6	97.7	97.8	97.8	97.8
≥ 900		89.2	91.4	93.7	95.6	95.7	96.9	97.4	97.5	97.6	97.7	97.9	98.0	98.0	98.0
≥ 800		89.2	91.4	93.8	95.7	95.8	97.1	97.6	97.7	97.8	98.0	98.1	98.2	98.2	98.2
≥ 700		89.2	91.5	93.9	95.8	95.9	97.3	97.8	98.0	98.1	98.2	98.3	98.4	98.4	98.4
≥ 600		89.2	91.6	94.1	96.1	96.2	97.5	98.1	98.2	98.4	98.5	98.7	98.8	98.8	98.8
≥ 500		89.2	91.6	94.1	96.3	96.4	97.7	98.3	98.4	98.7	98.8	98.9	99.0	99.0	99.0
≥ 400		89.4	91.8	94.3	96.4	96.5	97.8	98.4	98.5	98.8	98.9	99.0	99.1	99.1	99.1
≥ 300		89.4	91.8	94.3	96.5	96.7	98.1	98.7	98.8	99.2	99.3	99.4	99.6	99.6	99.6
≥ 200		89.4	91.8	94.3	96.5	96.7	98.1	98.7	98.9	99.2	99.4	99.5	99.9	99.9	99.9
≥ 100		89.4	91.8	94.3	96.5	96.7	98.1	98.7	98.9	99.2	99.4	99.5	99.9	99.9	100.0
≥ 0		89.4	91.8	94.3	96.5	96.7	98.1	98.7	98.9	99.2	99.4	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 637

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34065 [illegible] STATION OR CODE [illegible] 71-77 YEARS [illegible] HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

210-360 HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥⅝	≥½	≥0
NO CEILING	48.6	49.3	51.6	52.4	52.7	53.0	53.8	53.9	54.2	54.3	54.4	54.4	54.5	54.5	54.5
≥ 20000	53.5	54.7	57.1	58.7	59.9	60.0	59.9	60.3	61.3	62.3	62.5	62.5	62.5	62.5	62.5
≥ 18000	53.9	55.0	57.3	58.9	59.1	59.4	60.1	60.2	61.6	62.0	62.2	62.2	62.2	62.2	62.2
≥ 16000	54.2	55.4	57.8	59.5	59.7	60.0	60.7	60.8	61.2	61.8	61.9	61.9	61.9	61.9	61.9
≥ 14000	56.1	56.8	58.7	60.4	60.6	61.3	61.5	61.6	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	56.4	57.0	60.0	61.0	61.2	61.6	62.8	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000	57.7	60.4	63.3	65.4	65.2	65.9	66.2	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	61.1	62.5	64.9	66.5	66.8	67.5	67.7	67.9	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	64.2	65.6	68.1	70.4	70.6	71.3	71.6	71.7	72.0	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	66.9	68.6	71.1	73.5	73.7	74.4	74.7	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	67.9	68.9	71.4	73.8	74.1	74.9	75.1	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	70.3	72.0	74.7	77.1	77.3	78.1	78.4	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500	71.6	73.4	75.1	78.0	78.2	79.1	79.9	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	75.7	77.7	80.4	83.2	83.4	84.2	84.7	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	76.9	78.9	81.7	84.5	84.7	85.5	86.0	86.5	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	[illegible]	80.9	84.5	87.5	87.7	88.5	89.0	89.5	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	79.2	81.1	84.8	87.8	88.1	88.9	89.4	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	80.4	82.4	86.1	89.1	89.4	90.2	90.7	91.2	91.6	91.8	91.8	91.9	91.9	91.9	91.9
≥ 1800	80.8	82.8	86.5	89.5	89.7	90.7	91.2	91.6	92.1	92.2	92.4	92.4	92.4	92.4	92.4
≥ 1500	81.4	83.4	87.2	90.2	90.4	91.5	92.0	92.5	93.0	93.1	93.2	93.2	93.2	93.2	93.2
≥ 1200	82.3	84.3	88.5	91.5	91.8	92.0	93.4	94.0	94.5	94.6	94.7	94.7	94.7	94.7	94.7
≥ 1000	82.8	84.9	89.0	92.0	92.2	93.4	93.9	94.6	95.1	95.2	95.3	95.3	95.3	95.3	95.3
≥ 900	82.8	84.9	89.0	92.1	92.4	93.5	94.0	94.7	95.2	95.3	95.5	95.5	95.5	95.5	95.5
≥ 800	82.9	85.2	89.2	92.4	92.6	93.8	94.3	95.0	95.5	95.6	95.7	95.7	95.7	95.7	95.7
≥ 700	83.2	85.3	89.7	92.8	93.1	94.3	94.7	95.5	95.9	96.1	96.2	96.2	96.2	96.2	96.2
≥ 600	83.2	85.8	90.3	93.4	93.7	94.9	95.3	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8
≥ 500	83.7	85.9	90.3	94.0	94.3	95.6	96.1	97.0	97.5	97.6	97.7	97.8	97.8	97.8	97.8
≥ 400	83.5	86.3	90.8	94.7	95.0	96.3	96.8	97.7	98.3	98.4	98.6	98.7	98.7	98.7	98.7
≥ 300	83.5	86.3	90.8	94.7	95.0	96.5	97.0	98.0	98.7	98.8	98.9	99.0	99.0	99.0	99.0
≥ 200	83.6	86.4	91.0	95.0	95.2	96.8	97.3	98.2	98.9	99.0	99.1	99.4	99.5	99.5	99.5
≥ 100	83.6	86.4	91.0	95.0	95.2	96.8	97.3	98.3	99.3	99.5	99.6	99.8	99.9	99.9	99.9
≥ 0	83.6	86.4	91.0	95.0	95.2	96.8	97.3	98.3	99.3	99.5	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

44035 | MNI AP/MC STOCK SEPT-DEC | 63-73 | ALL
STATION | STATION NAME | YEARS | HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥0
NO CEILING		39.8	40.8	42.2	43.0	43.4	44.2	44.5	44.6	44.8	44.8	44.9	44.8	44.8	44.8
≥ 20000		45.8	47.1	48.5	50.1	50.1	51.7	51.9	51.1	51.3	51.4	51.4	51.4	51.4	51.4
≥ 18000		46.3	47.5	49.1	50.2	50.5	52.1	51.5	51.6	51.8	51.9	51.9	51.9	51.9	51.9
≥ 16000		46.5	47.8	49.3	50.4	50.8	52.4	51.8	51.9	52.1	52.4	52.2	52.2	52.2	52.2
≥ 14000		47.2	48.5	50.0	51.3	51.5	53.1	52.5	52.6	52.8	52.9	52.9	52.9	52.9	52.9
≥ 12000		48.6	49.9	51.5	53.1	53.1	54.7	54.1	54.2	54.4	54.5	54.5	54.5	54.5	54.5
≥ 10000		50.9	52.1	53.7	55.4	55.5	57.1	56.4	56.6	56.8	56.9	56.9	56.9	56.9	56.9
≥ 9000		52.4	53.7	55.4	57.1	57.2	57.8	58.1	58.3	58.5	58.6	58.6	58.6	58.6	58.6
≥ 8000		55.9	57.3	59.1	60.9	61.0	61.6	62.0	62.2	62.4	62.5	62.5	62.5	62.5	62.5
≥ 7000		57.5	59.1	60.9	62.9	62.9	63.5	63.9	64.1	64.4	64.4	64.4	64.5	64.5	64.5
≥ 6000		59.5	60.1	61.9	63.9	63.9	64.6	65.1	65.3	65.5	65.6	65.6	65.6	65.6	65.6
≥ 5000		61.3	63.0	64.9	66.9	66.9	67.6	68.0	68.2	68.5	68.5	68.5	68.6	68.6	68.6
≥ 4500		63.9	64.7	66.6	68.6	68.7	69.4	69.8	70.1	70.3	70.3	70.3	70.4	70.4	70.4
≥ 4000		67.9	69.1	71.1	73.3	73.3	74.1	74.6	74.9	75.1	75.2	75.2	75.3	75.3	75.4
≥ 3500		69.7	71.0	73.1	75.4	75.9	76.8	77.3	77.5	77.8	77.9	77.9	77.9	78.0	78.0
≥ 3000		72.7	74.0	76.9	79.2	79.3	80.2	80.7	81.0	81.3	81.4	81.4	81.5	81.5	81.5
≥ 2500		74.8	76.8	79.2	81.5	81.6	82.5	83.2	83.5	83.7	83.8	83.7	83.9	84.0	84.0
≥ 2000		76.7	78.8	81.3	83.7	83.8	84.7	85.4	85.7	86.0	86.1	86.1	86.2	86.2	86.3
≥ 1800		77.2	79.3	81.9	84.2	84.3	85.3	86.0	86.3	86.6	86.7	86.7	86.8	86.8	86.8
≥ 1500		78.9	81.0	83.7	86.1	86.4	87.4	88.1	88.4	88.7	88.8	88.7	88.9	89.0	89.0
≥ 1200		79.8	82.0	84.6	87.3	87.6	88.7	89.5	89.8	90.1	90.2	90.2	90.3	90.4	90.4
≥ 1000		80.5	82.8	85.5	88.6	88.7	89.9	90.6	91.0	91.3	91.4	91.4	91.5	91.6	91.6
≥ 900		80.9	83.0	85.9	88.9	89.0	90.2	91.0	91.3	91.6	91.8	91.8	91.8	91.9	91.9
≥ 800		81.2	83.7	86.8	89.8	89.9	91.2	92.0	92.3	92.7	92.8	92.8	92.9	92.9	93.0
≥ 700		81.5	84.0	87.3	90.3	90.4	91.9	92.7	93.1	93.4	93.6	93.6	93.7	93.7	93.7
≥ 600		81.9	84.4	87.9	91.1	91.2	92.8	93.6	94.1	94.5	94.6	94.7	94.7	94.8	94.8
≥ 500		82.0	84.7	88.3	91.6	91.9	93.6	94.6	95.1	95.5	95.7	95.7	95.8	95.9	95.9
≥ 400		82.1	84.8	88.6	92.4	92.5	94.4	95.6	96.1	96.6	96.8	96.9	97.0	97.0	97.0
≥ 300		82.2	84.9	88.7	92.6	92.8	94.8	96.2	96.8	97.6	97.8	97.9	98.1	98.2	98.2
≥ 200		82.2	85.0	88.8	92.8	92.9	95.1	96.5	97.2	98.1	98.4	98.5	98.6	99.0	99.1
≥ 100		82.2	85.0	88.8	92.8	92.9	95.1	96.5	97.3	98.3	98.7	98.9	99.2	99.4	99.5
0		82.2	85.0	88.9	92.8	93.0	95.1	96.6	97.3	98.3	98.7	98.8	99.2	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7003

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34022 [illegible] AP/MU STATION NAME [illegible] YEARS [illegible] HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1	≥¾	≥½	≥¼	≥0 (5/16)	≥0	
NO CEILING	49.7	52.1	54.9	56.3	56.3	58.4	58.6	58.9	58.9	58.9	59.1	[illegible]	59.4	59.4	[illegible]
≥ 20000	52.4	54.9	58.4	60.1	60.1	62.3	62.5	62.8	62.8	62.8	63.0	[illegible]	63.2	63.2	[illegible]
≥ 18000	52.7	55.3	58.7	60.4	60.4	62.6	62.8	63.1	63.1	63.1	63.2	[illegible]	63.2	63.2	[illegible]
≥ 6000	52.9	55.4	58.8	60.5	60.5	62.7	62.9	63.2	63.2	63.2	63.4	[illegible]	63.4	63.4	[illegible]
≥ 14000	53.2	55.8	59.2	61.1	61.2	63.2	63.3	63.7	63.7	63.7	63.8	[illegible]	63.8	63.8	[illegible]
≥ 12000	54.2	57.0	60.5	62.2	62.3	64.3	64.8	65.2	65.2	65.2	65.4	[illegible]	65.4	65.4	[illegible]
≥ 10000	56.4	59.2	63.0	64.7	64.7	66.9	67.1	67.4	67.4	67.4	67.5	[illegible]	67.5	67.5	[illegible]
≥ 9000	56.8	59.6	63.3	65.1	65.1	67.2	67.4	67.7	67.7	67.7	67.8	[illegible]	67.8	67.8	[illegible]
≥ 8000	58.1	60.9	65.1	66.9	66.9	69.1	69.2	69.6	69.6	69.6	69.7	[illegible]	69.8	69.8	[illegible]
≥ 7000	58.6	61.6	66.1	68.0	68.0	70.4	71.0	71.3	71.3	71.4	71.4	[illegible]	71.5	71.5	[illegible]
≥ 6000	59.1	62.2	66.7	69.1	69.2	71.6	71.5	71.8	71.8	71.9	71.9	[illegible]	72.0	72.0	[illegible]
≥ 5000	59.9	62.9	67.4	70.1	70.2	72.4	72.7	73.0	73.0	73.1	73.1	[illegible]	73.2	73.2	[illegible]
≥ 4500	60.8	63.9	68.5	71.1	71.1	73.5	73.9	74.2	74.2	74.3	74.3	[illegible]	74.4	74.4	[illegible]
≥ 4000	61.2	64.3	68.9	71.7	71.8	74.2	74.6	74.9	74.9	75.0	75.0	[illegible]	75.1	75.1	[illegible]
≥ 3500	64.8	68.1	73.3	76.3	76.3	78.8	79.5	79.9	79.9	79.9	80.1	[illegible]	80.1	80.1	[illegible]
≥ 3000	65.0	68.4	73.6	76.6	76.6	79.1	79.8	80.2	80.2	80.2	80.4	[illegible]	80.4	80.4	[illegible]
≥ 2500	66.3	69.8	75.2	78.2	78.2	80.8	81.3	81.7	81.7	81.7	81.9	[illegible]	81.9	81.9	[illegible]
≥ 2000	67.1	70.6	75.9	78.9	79.0	81.6	82.0	82.5	82.5	82.5	82.6	[illegible]	82.7	82.7	[illegible]
≥ 1800	67.1	70.6	75.9	79.0	79.0	81.7	82.3	82.9	83.3	83.3	83.4	[illegible]	83.5	83.5	[illegible]
≥ 1500	67.1	70.4	76.0	79.7	79.7	82.4	83.0	83.4	83.4	83.4	83.5	[illegible]	83.5	83.6	[illegible]
≥ 1200	68.1	71.4	77.3	80.6	80.6	83.5	84.1	84.5	84.5	84.5	84.6	[illegible]	84.6	84.6	[illegible]
≥ 1000	68.9	72.3	77.8	81.5	81.5	84.4	85.1	85.5	85.5	85.5	85.6	[illegible]	85.8	85.8	[illegible]
≥ 900	69.2	72.8	78.4	82.0	82.0	84.9	85.7	86.2	86.3	86.3	86.5	[illegible]	86.7	86.7	[illegible]
≥ 800	69.4	72.9	78.5	82.2	82.2	85.1	85.8	86.3	86.5	86.5	86.7	[illegible]	86.9	86.9	[illegible]
≥ 700	69.8	73.4	79.4	83.0	83.0	85.9	86.6	87.4	87.7	87.7	87.9	[illegible]	88.1	88.1	[illegible]
≥ 600	70.5	74.3	80.2	84.1	84.1	86.9	87.8	88.5	88.9	88.9	89.1	[illegible]	89.4	89.4	[illegible]
≥ 500	70.8	74.7	80.9	85.2	85.3	87.4	89.1	89.7	90.1	90.1	90.3	[illegible]	90.5	90.5	[illegible]
≥ 400	71.0	75.1	81.5	85.8	85.9	88.1	90.1	90.8	91.2	91.2	91.4	[illegible]	91.6	91.6	[illegible]
≥ 300	71.1	75.2	81.7	86.5	86.6	88.9	91.1	91.7	92.3	92.3	92.5	[illegible]	92.7	92.7	[illegible]
≥ 200	71.1	75.2	82.2	87.3	87.4	89.9	92.2	92.8	94.1	94.1	94.4	[illegible]	94.5	95.2	[illegible]
≥ 100	71.1	75.2	82.2	87.3	87.6	9[illegible].2	92.6	93.2	94.7	94.7	95.2	[illegible]	95.5	96.3	[illegible]
≥ 0	71.3	75.4	82.4	88.0	88.1	90.6	93.0	93.9	95.9	96.1	96.9	[illegible]	97.3	98.4	[illegible]
	71.3	75.4	82.4	88.0	88.1	9[illegible].8	93.0	93.9	95.9	96.1	97.1	[illegible]	97.4	98.5	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

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

3

USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24025 NAS, ATKA SPECK ARMY [illegible] YEARS [illegible] MONTHS

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING		42.7	42.3	44.2	46.0	47.1	[illegible].1	50.2	50.2	51.9	51.4	51.9	51.9	51.7	52.3	52.4
≥ 20000		41.6	43.4	46.3	49.4	50.7	[illegible].3	53.5	53.5	54.2	54.5	54.7	54.9	55.1	55.4	55.5
≥ 18000		41.7	44.1	46.9	49.8	50.2	[illegible].5	53.8	53.8	54.4	54.7	54.9	54.9	55.3	55.8	56.1
≥ 16000		41.7	44.1	46.9	49.8	50.2	[illegible].5	53.8	53.8	54.4	54.7	54.9	54.9	55.3	55.8	56.1
≥ 14000		41.9	44.3	46.9	49.8	50.4	[illegible].7	54.1	54.1	54.8	55.2	55.4	55.4	55.8	56.3	56.6
≥ 12000		42.9	45.3	47.7	50.8	51.4	[illegible].9	55.3	55.3	56.0	56.5	56.7	56.7	57.1	57.6	57.8
≥ 10000		45.4	48.0	50.9	54.1	54.8	[illegible].1	58.6	58.7	59.5	59.9	60.1	60.1	60.5	60.9	61.2
≥ 9000		46.7	49.2	52.3	55.7	56.3	[illegible].4	60.3	60.4	61.3	61.7	61.9	62.1	62.4	62.7	63.1
≥ 8000		47.9	50.4	53.2	57.3	58.0	[illegible].3	62.0	62.2	63.2	63.7	63.9	63.9	64.3	64.8	65.2
≥ 7000		48.6	51.3	54.1	58.4	59.0	[illegible].7	63.4	63.5	64.6	65.1	65.3	65.3	65.7	66.3	66.8
≥ 6000		48.9	51.8	54.9	59.1	59.7	[illegible].4	64.1	64.2	65.3	65.7	65.9	65.9	66.3	66.8	67.2
≥ 5000		50.7	53.7	56.8	60.9	61.5	[illegible].2	65.2	65.3	66.4	67.0	67.2	67.2	67.6	68.2	68.6
≥ 4500		52.8	55.9	59.1	63.4	64.1	[illegible].3	67.4	67.5	68.8	69.4	69.6	69.6	70.0	70.6	71.0
≥ 4000		52.9	56.2	59.7	64.1	64.8	[illegible].3	68.2	68.3	69.7	70.3	70.5	70.5	70.9	71.5	71.9
≥ 3500		53.1	56.8	60.3	65.4	66.3	[illegible].5	71.6	71.7	73.0	73.6	73.7	73.8	74.2	74.8	75.2
≥ 3000		54.4	57.1	61.4	66.3	67.5	[illegible].0	73.1	73.2	74.5	75.1	75.3	75.3	75.7	76.1	76.7
≥ 2500		54.9	57.6	61.8	67.4	68.1	[illegible].5	73.8	73.9	75.2	75.8	75.9	76.0	76.5	77.0	77.5
≥ 2000		55.5	58.2	62.4	68.1	68.7	[illegible].2	74.4	74.5	75.8	76.5	76.7	76.7	77.1	77.6	78.2
≥ 1800		56.8	58.5	62.8	68.3	69.1	[illegible].6	74.8	74.9	76.2	76.9	77.0	77.1	77.5	78.1	78.5
≥ 1500		56.3	59.0	63.3	69.4	70.0	[illegible].3	75.3	75.9	77.2	77.8	78.1	78.1	78.5	79.1	79.5
≥ 1200		57.4	60.2	64.7	70.5	71.2	[illegible].7	77.0	77.2	78.5	79.1	79.3	79.5	80.1	80.5	81.2
≥ 1000		58.1	61.0	65.9	71.7	72.4	[illegible].9	78.2	78.4	79.7	80.4	80.6	80.6	81.3	81.8	82.5
≥ 900		58.3	61.4	66.3	72.3	72.9	[illegible].5	78.7	78.9	80.3	81.2	81.3	81.5	82.0	82.6	83.4
≥ 800		58.8	61.9	67.4	73.3	74.2	[illegible].7	80.0	80.2	81.6	82.5	82.6	82.6	83.3	83.9	84.5
≥ 700		59.6	62.9	68.3	74.7	75.4	[illegible].2	81.5	81.7	83.1	84.1	84.3	84.4	85.2	85.7	86.4
≥ 600		59.7	63.0	[illegible].9	75.1	75.7	[illegible].7	81.9	82.2	83.5	84.5	84.7	85.1	85.8	86.4	86.9
≥ 500		59.9	63.3	69.2	75.6	76.2	[illegible].5	83.0	83.3	84.9	85.9	86.1	86.5	87.0	87.5	88.2
≥ 400		60.2	64.0	70.0	76.3	77.2	[illegible].7	84.3	84.6	86.6	87.5	87.9	88.2	88.7	89.2	89.9
≥ 300		60.3	64.2	70.4	77.3	78.0	[illegible].5	85.1	85.5	88.0	89.4	89.9	90.1	90.6	91.4	92.0
≥ 200		60.3	64.2	70.4	77.6	78.3	[illegible].9	85.6	86.1	88.8	90.3	91.1	91.4	92.1	94.1	95.2
≥ 100		60.3	64.2	70.5	77.7	78.4	83.0	85.7	86.3	89.4	91.3	92.2	93.2	94.5	96.5	98.4
≥ 0		60.3	64.2	70.5	77.7	78.4	83.0	85.7	86.3	89.4	91.3	92.4	93.4	94.7	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

24055 [illegible] AFB STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥⅞	≥½	≥0
NO CEILING	33.7	34.5	36.9	39.4	41.1	41.7	42.5	42.8	43.5	44.7	45.1	45.4	45.4	45.4	45.4
≥ 20000	36.4	37.4	39.7	43.4	44.8	45.5	46.3	46.7	47.5	47.9	48.2	48.5	48.5	48.5	48.5
≥ 18000	36.9	37.9	40.2	43.8	44.1	45.8	46.7	47.0	47.8	48.1	48.4	48.7	48.7	48.7	48.7
≥ 16000	36.7	37.7	40.0	44.1	44.3	46.0	46.9	47.2	48.1	48.4	48.7	49.0	49.0	49.0	49.0
≥ 14000	36.9	38.1	40.9	44.8	44.9	46.8	47.7	48.1	48.9	49.2	49.5	49.8	49.8	49.8	49.8
≥ 12000	36.9	39.3	41.9	46.1	46.5	48.3	49.2	49.7	50.5	50.8	51.1	51.4	51.4	51.4	51.4
≥ 10000	38.9	41.3	44.7	48.3	48.6	50.9	52.0	52.7	53.5	53.7	53.9	54.2	54.2	54.2	54.2
≥ 9000	40.1	42.5	45.9	50.2	50.5	52.8	54.0	54.8	55.5	55.8	56.0	56.1	56.1	56.1	56.1
≥ 8000	42.9	44.9	48.4	53.2	53.9	56.2	57.6	58.4	59.2	59.4	59.5	59.7	59.7	59.7	59.7
≥ 7000	43.5	46.1	49.7	54.8	55.3	57.7	59.4	60.2	60.9	61.1	61.3	61.5	61.5	61.5	61.5
≥ 6000	44.4	47.2	50.8	56.0	56.3	58.8	60.4	61.1	61.9	62.2	62.4	62.7	62.7	62.7	62.7
≥ 5000	44.9	47.5	51.2	56.3	56.8	59.2	61.4	62.2	63.2	63.4	63.6	63.9	64.1	64.1	64.1
≥ 4500	45.7	48.3	52.1	57.3	57.6	60.1	62.3	63.0	64.1	64.3	64.4	64.6	64.9	65.1	65.1
≥ 4000	46.8	49.8	53.9	59.1	59.4	61.9	64.3	65.2	66.2	66.4	66.6	66.8	67.1	67.3	67.3
≥ 3500	47.7	50.9	54.9	60.3	60.8	63.5	65.9	66.8	67.8	68.0	68.2	68.4	68.7	68.9	68.9
≥ 3000	49.1	51.9	55.9	61.7	62.2	64.9	67.1	68.1	69.1	69.4	69.6	69.7	70.0	70.2	70.2
≥ 2500	50.0	52.9	57.0	62.8	63.2	66.0	68.2	69.1	70.2	70.4	70.5	70.8	71.1	71.4	71.4
≥ 2000	50.5	53.6	57.8	63.6	64.2	67.0	69.1	70.1	71.2	71.4	71.6	71.7	72.0	72.4	72.4
≥ 1800	50.9	53.8	58.3	64.2	64.6	67.8	69.6	70.5	71.6	71.8	71.9	72.2	72.5	72.8	72.8
≥ 1500	52.0	55.4	60.0	66.1	66.6	70.0	71.8	72.8	73.9	74.1	74.2	74.4	74.7	75.1	75.1
≥ 1200	53.8	57.4	61.8	68.4	68.9	72.5	74.4	75.4	76.5	76.7	76.9	77.1	77.3	77.8	77.8
≥ 1000	54.3	57.9	62.3	69.2	69.7	73.4	75.4	76.5	77.5	77.7	77.9	78.1	78.4	78.7	78.7
≥ 900	54.8	58.3	63.1	70.2	70.6	74.4	76.5	77.8	78.7	78.9	79.1	79.2	79.6	79.9	80.3
≥ 800	55.4	59.4	64.3	71.8	72.3	76.1	78.4	79.6	80.6	80.9	81.1	81.2	81.5	81.8	82.2
≥ 700	56.1	60.3	65.5	73.3	73.8	78.0	80.2	81.4	82.5	82.8	82.9	83.1	83.4	83.6	84.2
≥ 600	56.7	61.0	66.3	74.4	74.9	79.1	81.8	83.0	84.1	84.4	84.6	84.7	85.1	85.4	85.9
≥ 500	57.0	61.3	67.0	75.6	76.0	80.4	83.1	84.7	85.9	86.2	86.3	86.7	87.0	87.3	87.7
≥ 400	57.3	61.8	67.4	76.3	76.8	81.3	84.2	85.8	87.3	87.6	87.8	88.3	88.5	88.9	89.4
≥ 300	57.3	61.8	68.0	77.2	77.6	82.7	85.8	88.0	89.6	90.1	90.4	90.9	91.5	91.9	92.4
≥ 200	57.3	61.8	68.0	77.4	77.8	82.9	86.2	88.6	90.5	91.2	91.5	92.4	93.4	94.3	94.8
≥ 100	57.3	61.8	68.0	77.4	77.8	83.0	86.6	89.0	91.4	92.3	92.9	94.1	96.2	97.5	99.0
≥ 0	57.3	61.8	68.0	77.4	77.8	83.0	86.6	89.0	91.4	92.3	92.9	94.1	96.2	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

24028 [illegible] AFB, [illegible] [illegible] 1973

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ [illegible]	≥ 5	≥ 4	≥ 3	≥ [illegible]	≥ 2	≥ [illegible]	≥ 1	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]
NO CEILING		[illegible]	41.0	42.4	44.2	44.2	44.2	44.3	44.3	44.3	44.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000		[illegible]	46.6	47.8	49.3	49.3	[illegible]	50.0	50.0	50.0	50.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000		[illegible]	46.9	48.5	50.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000		[illegible]	47.1	48.7	50.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000		[illegible]	47.4	49.3	51.4	51.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000		[illegible]	48.0	50.3	52.0	52.6	[illegible]	52.7	52.7	52.7	52.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000		[illegible]	51.0	53.3	55.4	[illegible]	[illegible]	55.8	55.8	55.8	55.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000		[illegible]	52.3	54.4	56.4	[illegible]	[illegible]	57.1	57.2	57.3	57.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800		[illegible]	54.3	56.4	58.4	[illegible]	[illegible]	59.2	59.4	59.5	59.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700		[illegible]	54.9	57.3	59.4	[illegible]	[illegible]	60.0	60.1	60.2	60.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600		[illegible]	55.4	58.2	60.3	[illegible]	[illegible]	60.8	61.0	61.0	61.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500		[illegible]	56.2	59.2	61.3	[illegible]	[illegible]	61.8	61.9	62.0	62.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 450		[illegible]	56.4	59.4	62.1	[illegible]	[illegible]	62.4	62.5	62.6	62.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400		[illegible]	59.1	62.1	64.3	[illegible]	[illegible]	64.7	64.8	64.9	64.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 350		[illegible]	61.2	64.4	66.6	[illegible]	[illegible]	67.0	67.1	67.2	67.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300		[illegible]	64.1	67.0	69.4	[illegible]	[illegible]	69.8	69.9	70.0	70.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 250		[illegible]	66.0	69.0	71.9	71.9	[illegible]	72.4	72.5	72.6	72.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200		[illegible]	68.8	71.9	74.4	74.4	[illegible]	74.8	74.9	75.1	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 180		[illegible]	70.0	73.1	75.7	75.7	[illegible]	76.1	76.2	76.3	76.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 150		[illegible]	73.4	76.8	79.9	79.9	[illegible]	80.5	80.6	80.8	80.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 120		[illegible]	76.3	80.6	84.0	84.0	[illegible]	84.6	84.7	84.8	84.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100		[illegible]	77.1	81.7	85.4	85.4	[illegible]	86.2	86.3	86.5	86.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 90		[illegible]	77.4	82.3	86.1	86.1	[illegible]	87.0	87.1	87.2	87.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 80		[illegible]	77.6	82.9	87.3	87.3	[illegible]	88.8	88.9	89.0	89.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 70		[illegible]	78.0	83.7	88.5	88.5	[illegible]	89.9	90.0	90.1	90.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 60		[illegible]	79.1	84.2	89.2	89.4	[illegible]	91.3	91.4	91.6	91.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 50		[illegible]	79.4	84.6	90.3	90.4	[illegible]	93.1	93.7	94.0	94.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 40		[illegible]	79.4	84.9	91.1	91.2	[illegible]	94.3	94.9	95.3	95.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 30		[illegible]	79.5	85.4	92.0	92.2	[illegible]	95.7	96.8	97.5	97.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20		[illegible]	79.5	85.4	92.0	92.2	[illegible]	96.0	96.9	98.3	98.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10		[illegible]	79.5	85.4	92.2	92.3	[illegible]	96.6	97.0	98.7	98.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0		[illegible]	79.5	85.4	92.2	92.3	[illegible]	96.6	97.0	98.7	98.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

94022 [illegible] 1977

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ [illegible]	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]
NO CEILING	[illegible]	38.4	39.1	39.4	[illegible]	[illegible]	39.4	39.4	39.4	39.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	46.8	47.5	47.6	[illegible]	[illegible]	47.6	47.6	47.6	47.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	47.2	48.3	48.4	[illegible]	[illegible]	48.5	48.5	48.5	48.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	47.2	48.3	48.4	[illegible]	[illegible]	48.6	48.6	48.6	48.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	48.1	48.9	49.1	[illegible]	[illegible]	49.1	49.1	49.1	49.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	49.9	50.9	51.1	[illegible]	[illegible]	51.2	51.2	51.2	51.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	54.4	55.4	55.6	[illegible]	[illegible]	55.9	55.9	55.9	55.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	55.8	56.8	57.1	[illegible]	[illegible]	57.4	57.4	57.4	57.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	56.8	59.8	60.1	[illegible]	[illegible]	60.4	60.4	60.4	60.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	59.0	60.4	61.0	[illegible]	[illegible]	61.6	61.6	61.6	61.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	60.2	61.3	62.2	[illegible]	[illegible]	62.3	62.3	62.3	62.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	61.0	62.4	63.4	[illegible]	[illegible]	64.0	64.0	64.0	64.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 450	[illegible]	63.4	64.2	65.3	[illegible]	[illegible]	65.4	65.4	65.4	65.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	66.9	68.1	69.1	[illegible]	[illegible]	69.2	69.2	69.2	69.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 350	[illegible]	71.0	72.9	74.1	[illegible]	[illegible]	74.2	74.2	74.2	74.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	76.2	77.9	78.7	[illegible]	[illegible]	78.8	78.8	78.8	78.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 250	[illegible]	81.3	82.5	83.8	[illegible]	[illegible]	83.9	83.9	83.9	83.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	84.1	85.8	87.2	[illegible]	[illegible]	87.4	87.4	87.4	87.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 150	[illegible]	84.9	86.7	88.1	[illegible]	[illegible]	88.3	88.3	88.3	88.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	86.0	89.1	90.8	[illegible]	[illegible]	91.1	91.1	91.1	91.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	87.4	90.4	92.2	[illegible]	[illegible]	92.5	92.5	92.5	92.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	88.9	91.5	93.3	[illegible]	[illegible]	93.9	93.9	93.9	93.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 90	[illegible]	88.9	91.5	93.7	[illegible]	[illegible]	94.0	94.0	94.0	94.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 80	[illegible]	89.2	91.9	94.2	[illegible]	[illegible]	94.7	94.7	94.7	94.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 70	[illegible]	89.8	92.5	94.9	[illegible]	[illegible]	95.5	95.5	95.5	95.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 60	[illegible]	90.3	93.0	95.7	[illegible]	[illegible]	96.3	96.3	96.3	96.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 50	[illegible]	90.6	93.3	96.3	[illegible]	[illegible]	97.2	97.2	97.3	97.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 40	[illegible]	90.6	93.3	96.3	[illegible]	[illegible]	97.7	97.8	98.1	98.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 30	[illegible]	90.8	93.4	96.3	[illegible]	[illegible]	98.0	98.3	98.5	98.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20	[illegible]	90.8	93.4	96.5	[illegible]	[illegible]	98.0	98.6	99.2	99.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10	[illegible]	90.8	93.4	96.5	[illegible]	[illegible]	98.0	98.6	99.0	99.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	90.8	93.4	96.5	[illegible]	[illegible]	98.0	98.6	99.0	99.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24025 | HANSCOM AFB/HOPKINTON, MASS | 2-77 | [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING		40.9	41.6	41.9	42.4	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000		48.9	49.4	50.1	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000		49.5	50.3	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 16000		49.7	50.4	51.0	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 14000		50.9	51.8	52.3	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000		52.9	53.8	53.9	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 10000		57.6	58.9	59.5	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 9000		59.7	60.3	60.9	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
≥ 8000		63.4	64.1	65.7	66.3	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000		65.7	67.2	68.2	68.9	69.0	69.1	69.1	69.1	69.4	69.4	67.4	69.4	69.4	69.4
≥ 6000		67.7	68.5	69.3	70.2	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000		69.6	71.1	72.0	72.9	73.0	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3
≥ 500		71.3	72.4	73.3	74.7	74.8	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000		75.3	77.3	78.0	79.6	79.7	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500		78.8	80.9	82.3	83.0	83.1	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000		81.4	83.7	85.1	86.2	86.3	86.8	86.8	86.8	87.0	87.0	87.1	87.0	87.0	87.0
≥ 2500		84.9	86.3	88.0	89.2	89.4	89.8	89.8	89.8	90.0	90.0	90.1	90.1	90.1	90.1
≥ 2000		85.1	87.4	89.2	90.6	90.8	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 1800		85.4	87.7	89.5	91.2	91.3	91.8	91.8	91.8	92.0	92.0	92.1	92.2	92.2	92.2
≥ 1500		85.9	88.4	90.6	92.3	92.4	92.9	93.0	93.0	93.2	93.2	93.2	93.3	93.3	93.3
≥ 1200		86.5	89.0	91.4	93.1	93.3	93.9	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.3
≥ 1000		87.4	90.3	92.7	94.5	94.7	95.5	95.6	95.6	95.8	95.8	95.9	95.9	95.9	95.9
≥ 900		87.5	90.5	92.9	94.8	95.1	95.8	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2
≥ 800		88.0	91.0	93.4	95.4	95.6	96.3	96.5	96.5	96.7	96.8	96.9	96.9	96.9	96.9
≥ 700		88.2	91.2	93.7	95.9	96.1	97.0	97.1	97.1	97.3	97.4	97.4	97.5	97.5	97.5
≥ 600		88.2	91.2	93.7	96.0	96.2	97.1	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.6
≥ 500		88.4	91.4	94.0	96.3	96.7	97.6	97.8	97.8	98.1	98.3	98.2	98.3	98.3	98.3
≥ 400		88.4	91.4	94.0	96.3	96.7	97.7	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5
≥ 300		88.4	91.4	94.0	96.3	96.7	98.0	98.2	98.4	98.7	98.8	99.0	99.1	99.1	99.1
≥ 200		88.4	91.4	94.1	96.3	96.7	98.0	98.3	98.5	99.0	99.2	99.4	99.7	99.7	99.7
≥ 100		88.4	91.4	94.0	96.3	96.7	98.0	98.3	98.5	99.0	99.2	99.6	100.0	100.0	100.0
0		88.4	91.4	94.0	96.3	96.7	98.0	98.3	98.5	99.0	99.2	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

24025 HAHN AB/HUNSRUCK GERMANY 5-7 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1500 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥5/16	≥0	≥0
NO CEILING		48.7	49.4	50.5	51.1	51.1	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000		54.4	56.1	56.1	56.6	56.8	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000		54.8	57.1	58.3	59.4	59.4	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000		55.3	57.5	58.9	59.8	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000		56.2	58.5	59.9	60.8	60.8	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000		59.7	61.1	62.5	63.4	63.5	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000		62.3	64.8	66.3	68.1	68.1	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 9000		63.5	66.3	67.7	69.6	69.7	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000		67.2	69.9	71.5	73.6	73.9	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 7000		69.0	71.6	73.9	75.8	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000		70.9	73.4	75.5	77.5	77.6	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000		72.8	75.9	78.2	80.4	80.4	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
> 4500		74.7	77.8	80.2	82.4	82.5	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000		77.1	80.4	82.8	85.2	85.3	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500		78.7	82.3	84.7	87.3	87.4	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000		79.6	83.1	85.6	88.5	88.6	89.5	89.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500		80.9	84.4	86.9	89.9	90.0	90.9	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000		81.5	85.2	87.6	90.6	90.9	91.7	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800		81.9	85.5	88.1	91.2	91.3	92.2	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500		81.9	85.6	88.2	91.3	91.6	92.5	92.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200		82.2	85.8	88.4	91.7	91.9	92.7	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000		82.5	86.1	88.8	92.4	92.5	93.7	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900		82.6	86.2	88.9	92.5	92.6	93.8	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800		83.0	86.9	89.5	93.1	93.2	94.4	94.4	94.5	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700		83.3	87.2	89.9	93.5	93.7	94.9	94.9	95.1	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600		83.5	87.3	90.2	93.9	94.0	95.4	95.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500		83.7	87.6	90.3	94.0	94.1	95.7	96.0	96.2	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400		83.7	87.6	90.4	94.2	94.3	96.2	96.8	97.1	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300		83.7	87.6	90.4	94.2	94.3	96.2	97.0	97.3	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200		83.7	87.6	90.4	94.2	94.3	96.2	97.1	97.5	98.3	98.3	98.5	98.7	98.7	98.7
≥ 100		83.7	87.6	90.5	94.3	94.4	96.3	97.2	97.6	98.5	98.7	99.2	99.5	99.7	99.8	99.9
≥ 0		83.7	87.6	90.5	94.3	94.4	96.3	97.2	97.6	98.5	98.9	99.2	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34025 STATION | NAH. AB/Pt. SPUCK, HAWAII STATION NAME | 8-17 YEARS | HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

210 HOURS

CEILING FEET	VISIBILITY STATUTE MILES													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥½	≥0
NO CEILING		51.6	53.4	55.8	56.2	57.0	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.5
≥ 20000		56.5	58.4	61.7	63.1	63.1	63.2	64.7	64.7	64.7	64.7	64.7	64.8	64.8
≥ 18000		56.5	58.4	61.7	63.1	63.2	63.3	64.8	64.8	64.8	64.8	64.8	64.9	65.1
≥ 16000		56.7	58.6	61.9	63.3	63.4	63.5	65.1	65.1	65.1	65.1	65.1	65.2	65.3
≥ 14000		57.2	59.1	62.5	63.9	64.0	64.1	65.6	65.6	65.6	65.6	65.6	65.7	65.8
≥ 12000		59.0	61.1	64.4	65.8	65.9	66.0	67.6	67.6	67.6	67.6	67.6	67.7	67.8
≥ 10000		61.9	63.7	67.1	69.2	69.4	69.4	71.0	71.0	71.0	71.0	71.0	71.1	71.2
≥ 9000		62.3	64.8	68.4	70.6	70.9	71.2	72.7	72.7	72.7	72.7	72.7	72.8	72.9
≥ 8000		64.4	66.8	70.5	72.8	73.0	73.3	74.8	74.8	74.8	74.8	74.8	74.9	75.0
≥ 7000		65.4	68.2	72.0	74.6	74.7	75.0	76.6	76.6	76.6	76.6	76.6	76.7	76.8
≥ 6000		67.5	70.1	73.9	76.5	76.6	77.8	78.4	78.4	78.4	78.4	78.4	78.5	78.6
≥ 5000		68.7	71.4	75.4	77.6	77.8	78.2	79.3	79.8	79.8	79.8	79.8	79.9	80.1
≥ 4500		69.7	72.4	76.4	78.9	79.0	79.3	80.9	80.9	80.9	80.9	80.9	81.0	81.1
≥ 4000		71.6	74.6	78.8	81.7	81.8	82.2	83.8	83.8	83.8	83.8	83.8	83.9	84.1
≥ 3500		72.9	75.9	80.1	83.1	83.3	84.7	85.3	85.3	85.3	85.3	85.3	85.4	85.5
≥ 3000		74.2	77.4	81.5	84.7	84.9	86.3	86.9	86.9	86.9	86.9	86.9	87.0	87.1
≥ 2500		74.6	77.8	82.3	85.4	85.6	87.0	87.6	87.6	87.6	87.6	87.6	87.7	87.8
≥ 2000		75.7	78.8	83.3	86.9	87.1	88.5	89.4	89.4	89.4	89.4	89.4	89.5	89.6
≥ 1800		75.9	78.9	83.5	87.1	87.3	88.8	89.6	89.6	89.7	89.7	89.7	89.8	89.9
≥ 1500		76.0	79.1	83.8	87.5	87.8	89.2	90.2	90.2	90.3	90.3	90.3	90.4	90.5
≥ 1200		76.1	79.2	84.0	87.8	88.1	89.7	90.5	90.5	90.6	90.6	90.6	90.8	90.9
≥ 1000		76.5	79.6	84.3	88.4	88.6	90.4	91.3	91.2	91.5	91.5	91.5	91.6	91.7
≥ 900		76.7	79.8	84.7	88.6	88.8	90.6	91.5	91.5	91.7	91.7	91.7	91.8	91.9
≥ 800		77.1	80.4	85.2	89.0	89.2	91.1	91.9	91.9	92.2	92.2	92.2	92.3	92.4
≥ 700		77.5	80.6	85.7	89.8	90.0	91.8	92.7	92.7	92.9	92.9	92.9	93.0	93.1
≥ 600		77.5	80.6	85.5	89.9	90.1	92.2	93.2	93.2	93.4	93.4	93.4	93.5	93.7
≥ 500		78.0	81.3	86.7	90.9	91.1	93.3	94.5	94.5	94.7	94.7	94.7	94.8	94.9
≥ 400		78.1	81.4	86.8	91.1	91.3	93.8	95.1	95.2	95.7	95.7	95.7	95.8	95.9
≥ 300		78.1	81.4	87.0	91.4	91.6	94.2	95.6	95.8	96.6	96.6	96.8	97.0	97.1
≥ 200		78.2	81.5	87.2	91.6	91.8	94.4	95.8	96.1	97.0	97.0	97.2	97.5	97.6
≥ 100		78.2	81.5	87.2	91.6	91.8	94.4	95.8	96.2	97.6	97.7	98.5	99.2	99.3
≥ 0		78.2	81.5	87.2	91.6	91.8	94.4	95.8	96.2	97.6	97.7	98.5	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34025 (STATION) HAHN AB/INNSBRUCK GERMANY (STATION NAME) 8-77 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/16	≥¼	≥0
NO CEILING		42.9	44.0	46.1	47.1	47.2	47.9	48.4	48.5	48.6	48.7	49.1	49.2	49.3	49.4
≥ 20000		47.3	49.4	51.4	52.6	53.0	53.8	54.3	54.4	54.6	54.7	54.7	54.7	54.8	54.9
≥ 18000		47.7	49.8	51.8	53.2	53.4	54.2	54.7	54.8	55.0	55.1	55.1	55.1	55.2	55.3
≥ 16000		47.9	49.9	51.9	53.2	53.6	54.5	55.0	55.1	55.2	55.3	55.3	55.3	55.4	55.5
≥ 14000		48.9	50.5	52.5	54.2	54.3	55.1	55.7	55.8	56.0	56.0	56.1	56.1	56.2	56.3	56.4
≥ 12000		49.9	52.0	54.0	55.8	56.0	56.9	57.4	57.5	57.7	57.8	57.9	57.9	57.9	58.0	58.1
≥ 10000		53.0	55.1	57.4	59.5	59.6	60.6	61.1	61.3	61.5	61.6	61.6	61.7	61.8	61.8	61.9
≥ 9000		54.2	56.3	58.7	60.9	61.0	62.0	62.5	62.8	63.0	63.1	63.1	63.1	63.2	63.3	63.4
≥ 8000		56.6	58.9	61.4	63.6	64.0	65.0	65.6	65.8	66.0	66.1	66.2	66.2	66.3	66.4	66.5
≥ 7000		57.7	60.1	62.8	65.3	65.5	66.5	67.2	67.4	67.6	67.7	67.8	67.8	67.9	68.0	68.1
≥ 6000		58.6	61.1	63.8	66.3	66.5	67.6	68.2	68.4	68.7	68.8	68.9	68.8	69.0	69.1	69.2
≥ 5000		59.9	62.4	65.2	67.9	68.1	69.3	70.0	70.2	70.5	70.6	70.6	70.7	70.8	70.9	71.0
≥ 4500		61.9	63.9	66.4	69.1	69.3	70.6	71.3	71.5	71.8	71.9	72.0	72.0	72.1	72.2	72.4
≥ 4000		63.5	66.2	69.3	72.2	72.4	73.8	74.5	74.7	75.0	75.1	75.2	75.2	75.3	75.4	75.6
≥ 3500		65.9	68.6	71.5	74.5	74.7	76.0	76.8	77.0	77.4	77.5	77.5	77.6	77.7	77.8	77.9
≥ 3000		67.5	70.3	73.6	76.8	76.9	78.4	79.2	79.4	79.7	79.8	79.8	79.9	80.1	80.1	80.3
≥ 2500		69.1	72.0	75.4	78.6	78.8	80.3	81.1	81.3	81.7	81.8	81.8	81.9	82.0	82.1	82.2
≥ 2000		70.3	73.3	76.8	80.2	80.3	81.8	82.6	82.8	83.2	83.3	83.4	83.4	83.5	83.7	83.8
≥ 1800		70.7	73.7	77.3	80.7	80.9	82.4	83.2	83.4	83.8	83.9	83.9	84.0	84.1	84.2	84.4
≥ 1500		71.7	74.9	78.6	82.3	82.5	84.0	84.9	85.1	85.5	85.6	85.4	85.7	85.8	86.0	86.1
≥ 1200		72.7	76.0	79.9	83.7	83.9	85.5	86.3	86.6	87.0	87.1	87.1	87.2	87.3	87.5	87.7
≥ 1000		73.3	76.7	80.9	84.7	84.9	86.6	87.5	87.7	88.2	88.3	88.3	88.4	88.5	88.7	88.8
≥ 900		73.5	76.9	81.1	85.0	85.2	87.0	87.9	88.2	88.6	88.7	88.8	88.9	89.0	89.1	89.3
≥ 800		74.0	77.5	81.9	86.0	86.2	88.0	89.0	89.2	89.7	89.8	89.9	90.0	90.1	90.2	90.4
≥ 700		74.5	78.1	82.4	86.9	87.1	89.0	90.0	90.2	90.7	90.9	91.0	91.1	91.2	91.3	91.5
≥ 600		74.7	78.4	82.9	87.4	87.6	89.7	90.8	91.1	91.6	91.8	91.9	92.0	92.1	92.2	92.4
≥ 500		75.0	78.8	83.3	88.1	88.4	90.6	91.9	92.3	92.9	93.1	93.2	93.3	93.4	93.5	93.7
≥ 400		75.1	78.9	83.6	88.8	88.8	91.3	92.7	93.2	93.9	94.1	94.2	94.3	94.4	94.6	94.7
≥ 300		75.1	79.0	83.8	89.0	89.3	91.9	93.4	94.1	95.1	95.4	95.6	95.7	96.0	96.2	96.3
≥ 200		75.1	79.0	83.9	89.2	89.4	92.1	93.7	94.4	95.7	96.1	96.4	96.7	97.1	97.3	97.6
≥ 100		75.2	79.0	83.9	89.3	89.5	92.2	93.8	94.7	96.2	96.7	97.2	97.7	98.4	98.9	99.5
0		75.2	79.0	83.9	89.3	89.5	92.2	93.8	94.7	96.2	96.7	97.2	97.7	98.4	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

94055 STATION | [illegible] AP/HOUSTON, TEXAS STATION NAME | 1961-71 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0001-2400 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		40.1	42.5	45.5	46.3	46.9	51.1	52.9	53.2	54.2	54.6	54.7	54.9	55.3	55.5	55.9
≥ 20000		41.6	44.7	48.0	51.2	52.7	56.3	56.1	56.5	57.5	57.8	57.9	58.1	58.6	58.7	58.9
≥ 18000		41.6	44.7	48.1	51.2	52.9	56.3	56.1	56.5	57.5	57.8	57.9	58.1	58.6	58.7	58.9
≥ 16000		41.9	44.9	48.2	51.4	52.2	56.6	56.3	56.7	57.7	58.1	58.1	58.4	58.9	58.9	59.1
≥ 14000		42.0	45.0	48.3	51.9	52.3	56.7	56.5	56.8	57.8	58.1	58.2	58.5	59.0	59.1	59.1
≥ 12000		42.2	45.2	48.9	51.9	52.6	56.9	56.7	57.0	58.0	58.4	58.5	58.7	59.1	59.4	59.4
≥ 10000		42.3	46.1	49.6	52.9	53.8	57.1	57.9	58.2	59.2	59.6	59.7	59.9	60.4	60.5	60.7
≥ 9000		43.4	46.7	50.1	53.5	54.3	58.7	58.5	58.8	59.9	60.2	60.4	60.6	61.1	61.1	61.2
≥ 8000		45.4	48.7	52.1	55.8	56.7	60.0	60.9	61.2	62.4	62.7	62.9	63.0	63.7	63.8	63.9
≥ 7000		46.8	50.3	53.8	57.6	58.5	61.8	62.7	63.0	64.1	64.5	64.8	64.9	65.5	65.6	65.7
≥ 6000		48.3	51.9	55.3	59.1	60.1	63.4	64.3	64.6	65.7	66.0	66.1	66.4	67.0	67.1	67.2
≥ 5000		50.3	54.0	57.5	61.4	62.2	65.7	66.6	66.9	68.0	68.4	68.5	68.7	69.4	69.5	69.6
≥ 4500		51.6	55.3	58.9	62.8	63.7	67.1	68.0	68.4	69.5	69.9	69.9	70.2	70.8	70.9	71.1
≥ 4000		52.9	56.2	60.0	64.1	65.0	68.4	69.3	69.7	70.9	71.3	71.4	71.7	72.3	72.4	72.6
≥ 3500		54.8	58.0	61.9	66.0	66.9	70.3	71.2	71.6	72.7	73.1	73.2	73.5	74.1	74.2	74.4
≥ 3000		55.2	58.4	62.3	66.4	67.3	70.7	71.6	72.0	73.1	73.5	73.6	73.9	74.5	74.6	74.8
≥ 2500		58.9	62.9	66.8	71.3	72.5	75.9	76.9	77.4	78.5	78.9	79.0	79.2	79.8	80.0	80.1
≥ 2000		59.4	63.5	67.4	72.2	73.2	76.6	77.6	78.1	79.2	79.5	79.6	79.8	80.5	80.7	80.8
≥ 1800		60.1	64.3	68.3	73.1	74.1	77.5	78.5	79.0	80.1	80.4	80.5	80.7	81.4	81.5	81.6
≥ 1500		61.9	66.0	70.3	75.2	76.2	79.6	80.6	81.1	82.2	82.5	82.6	82.9	83.5	83.6	83.7
≥ 1200		63.0	67.1	71.6	77.1	78.1	81.6	82.6	83.1	84.2	84.5	84.6	84.9	85.5	85.6	85.7
≥ 1000		64.4	68.5	73.1	78.7	79.7	83.3	84.4	84.9	86.0	86.3	86.4	86.6	87.3	87.4	87.5
≥ 900		64.4	68.5	73.1	78.7	79.7	83.4	84.5	85.0	86.1	86.4	86.5	86.7	87.4	87.5	87.6
≥ 800		64.8	68.9	73.5	79.3	80.3	83.9	85.3	85.9	87.0	87.3	87.4	87.6	88.3	88.4	88.5
≥ 700		64.9	69.0	73.7	79.7	80.8	84.7	86.0	86.5	87.6	88.0	88.1	88.3	89.0	89.1	89.2
≥ 600		65.6	69.7	74.5	81.1	82.1	85.7	88.3	88.9	90.0	90.3	90.4	90.6	91.3	91.4	91.5
≥ 500		65.6	69.7	74.9	81.5	82.6	86.4	89.1	89.6	90.8	91.1	91.2	91.5	92.2	92.3	92.4
≥ 400		65.8	70.0	75.3	82.2	83.3	87.3	90.0	90.5	91.6	92.0	92.1	92.5	93.2	93.3	93.4
≥ 300		65.8	70.0	75.4	82.5	83.6	87.8	90.8	91.3	92.7	93.2	93.4	93.9	94.5	94.7	94.8
≥ 200		65.8	70.0	75.5	82.7	83.9	88.0	91.0	91.6	93.1	93.6	94.1	94.8	96.0	96.1	96.2
≥ 100		66.0	70.3	75.8	83.2	84.3	88.5	91.5	92.5	94.1	94.9	95.2	95.7	97.2	97.3	98.9
0		66.0	70.3	75.8	83.2	84.3	88.5	91.5	92.5	94.1	94.9	95.2	95.9	97.2	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 898

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34055 (STATION) HAHN AP/HOUNSRUCK GERMANY (STATION NAME) 8-73 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1600 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥5/8	≥½	≥0
NO CEILING		34.7	36.3	38.9	41.7	42.0	44.6	46.0	48.6	49.0	48.8	48.9	49.9	47.8	50.6	51.3
≥ 20000		36.5	38.2	40.8	43.6	44.3	47.0	48.7	49.4	50.8	51.3	51.7	51.7	52.6	53.4	54.3
≥ 18000		36.5	38.2	40.8	43.6	44.3	47.0	48.7	49.4	50.8	51.3	51.7	51.7	52.6	53.4	54.3
≥ 16000		36.5	38.2	40.8	43.6	44.3	47.0	48.7	49.4	50.8	51.3	51.7	51.7	52.6	53.4	54.3
≥ 14000		36.9	38.8	41.1	44.1	44.8	47.4	49.1	49.7	51.2	52.3	52.1	52.1	53.0	53.7	54.6
≥ 12000		37.9	39.8	42.2	45.2	45.9	48.7	50.4	51.1	52.5	53.6	53.4	53.4	54.3	55.1	56.0
≥ 10000		38.6	40.5	43.4	46.4	46.8	49.6	51.3	52.1	53.6	54.4	54.5	54.5	55.4	56.2	57.1
≥ 9000		39.2	41.1	44.0	47.1	47.5	50.3	52.0	52.7	54.2	55.1	55.2	55.2	56.2	57.0	57.9
≥ 8000		40.1	42.0	45.0	48.1	48.4	51.2	53.0	53.7	55.3	56.1	56.2	56.2	57.2	58.0	58.9
≥ 7000		40.5	43.0	46.2	49.3	49.9	52.7	54.4	55.2	56.9	57.8	57.7	57.7	58.9	59.8	60.8
≥ 6000		41.7	43.8	46.7	50.1	50.5	53.5	55.4	56.3	58.0	58.8	58.9	58.9	60.0	60.8	61.9
≥ 5000		42.5	45.2	48.3	52.1	52.5	55.7	57.7	58.6	60.4	61.2	61.3	61.3	62.4	63.2	64.1
≥ 4500		43.1	45.8	49.2	52.7	53.2	56.4	58.4	59.4	61.2	62.0	62.1	62.1	63.2	64.0	64.9
≥ 4000		47.7	49.7	53.4	57.4	57.7	61.3	63.5	64.5	66.6	67.3	67.4	67.4	68.6	69.4	70.2
≥ 3500		48.4	51.1	54.7	58.8	59.3	62.9	65.3	66.4	68.5	69.2	69.3	69.3	70.5	71.2	72.1
≥ 3000		49.9	51.8	55.4	59.4	60.0	63.8	66.2	67.3	69.3	70.1	70.2	70.2	71.3	72.1	73.0
≥ 2500		49.7	52.6	56.5	60.8	61.3	65.1	67.7	68.8	70.8	71.6	71.7	71.7	72.8	73.6	74.5
≥ 2000		50.3	53.3	57.2	61.6	62.2	66.0	68.6	69.7	71.7	72.5	72.4	72.6	73.7	74.5	75.4
≥ 1800		50.8	53.8	57.7	62.2	62.8	66.6	69.1	70.2	72.2	73.0	73.1	73.1	74.2	75.0	75.9
≥ 1500		52.1	55.2	59.3	63.9	64.4	68.3	70.9	72.1	74.2	75.0	75.1	75.1	76.3	77.0	77.9
≥ 1200		53.6	57.0	61.3	66.1	66.7	70.6	73.1	74.4	76.5	77.3	77.4	77.4	78.5	79.3	80.2
≥ 1000		54.7	58.2	62.5	67.8	68.3	72.2	74.8	76.0	78.1	78.9	79.1	79.0	80.2	80.9	81.9
≥ 900		54.7	58.4	62.5	67.8	68.3	72.2	74.8	76.0	78.1	78.9	79.1	79.0	80.2	80.9	81.9
≥ 800		55.7	59.3	63.9	69.2	69.8	73.7	76.6	77.8	79.9	80.7	80.9	80.8	81.9	82.7	83.7
≥ 700		56.4	60.2	65.1	70.5	71.0	74.9	77.8	79.0	81.2	81.9	82.1	82.1	83.2	83.9	84.9
≥ 600		56.9	60.6	65.7	71.0	71.6	75.6	78.8	80.2	82.3	83.1	83.2	83.2	84.3	85.1	86.1
≥ 500		57.0	60.8	66.0	72.1	72.7	76.8	80.2	81.5	83.9	84.8	84.9	84.9	86.1	86.8	87.7
≥ 400		57.0	61.0	66.2	73.0	73.7	77.9	81.6	83.1	85.8	86.8	87.1	87.0	88.1	88.9	89.7
≥ 300		57.1	61.2	66.6	73.5	74.1	78.4	82.2	83.8	86.7	87.8	89.0	88.1	89.2	90.0	90.9
≥ 200		57.1	61.2	66.6	73.6	74.2	78.6	82.4	84.2	87.3	88.7	89.2	89.0	91.2	92.2	93.2
≥ 100		57.1	61.2	66.8	73.8	74.5	78.9	83.3	85.1	88.9	90.3	91.0	91.0	93.6	95.1	98.0
≥ 0		57.1	61.2	66.8	73.8	74.5	78.9	83.3	85.1	89.0	90.4	91.1	91.0	93.8	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 597

DATA PROCESSING AGENCY
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

44023 — HAHN AB/HELMUT HAHN G KAISERSLAUTERN — 2-77
STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING		27.9	29.1	30.5	32.1	32.3	34.0	35.9	36.3	36.7	36.8	36.9	36.9	37.0	37.1
≥ 20000		30.7	32.1	33.8	36.1	36.2	38.1	40.2	40.5	41.0	41.2	41.2	41.4	41.4	41.5
≥ 18000		30.8	32.2	34.1	36.2	36.6	38.2	40.6	40.9	41.5	41.8	41.9	41.9	42.0	42.2
≥ 16000		30.9	32.3	34.3	36.2	36.6	38.2	40.6	40.9	41.5	41.8	41.9	41.9	42.0	42.2
≥ 14000		30.9	32.3	34.5	36.7	36.9	38.5	41.0	41.4	41.9	42.3	42.4	42.4	42.5	42.7
≥ 12000		31.9	33.4	35.4	38.2	38.3	40.4	42.7	43.1	43.6	43.9	44.0	44.0	44.2	44.4
≥ 10000		33.7	35.9	38.2	40.4	40.7	43.4	44.9	45.4	45.9	46.3	46.4	46.4	46.6	46.8
≥ 9000		34.9	36.6	39.0	41.1	41.4	44.3	45.8	46.3	46.8	47.2	47.3	47.3	47.5	47.7
≥ 8000		36.9	39.5	41.8	44.4	44.6	47.6	49.5	50.1	50.8	50.9	50.9	50.9	51.0	51.2
≥ 7000		37.6	40.2	42.5	45.1	45.3	48.4	50.6	51.2	52.1	52.2	52.3	52.4	52.8	53.1
≥ 6000		37.9	40.6	42.9	45.5	45.8	48.9	51.5	52.1	52.9	53.2	53.2	53.3	53.8	54.1
≥ 5000		39.8	42.6	44.9	47.6	48.1	51.5	53.7	54.3	55.2	55.4	55.4	55.4	56.0	56.3
≥ 4500		40.4	43.2	45.5	48.5	48.7	52.2	54.4	54.9	55.8	56.1	56.1	56.1	56.7	57.0
≥ 4000		42.3	45.2	47.4	51.2	51.5	55.4	57.7	58.3	59.6	59.8	60.0	60.0	60.4	60.8
≥ 3500		43.4	46.6	49.3	52.7	53.1	57.0	59.3	59.8	61.2	61.4	61.5	61.5	62.2	62.6
≥ 3000		44.4	47.5	50.4	54.1	54.4	58.4	60.8	61.4	62.7	63.1	63.1	63.1	63.7	64.1
≥ 2500		45.6	48.9	52.2	56.0	56.3	60.4	62.8	63.4	64.7	65.1	65.1	65.1	65.7	66.1
≥ 2000		46.7	50.2	53.4	57.4	57.7	61.8	64.3	64.8	66.4	66.8	66.8	66.7	67.4	67.8
≥ 1800		47.1	50.5	53.8	57.8	58.2	62.4	65.0	65.5	67.1	67.3	67.4	67.4	68.1	68.5
≥ 1500		48.9	52.4	56.1	60.1	60.4	64.3	67.6	68.2	69.9	70.1	70.2	70.3	71.0	71.2
≥ 1200		51.2	54.7	59.0	63.0	63.3	67.0	71.0	71.5	73.2	73.4	73.5	73.6	74.3	74.5
≥ 1000		52.5	56.4	60.7	65.3	65.6	69.3	73.4	74.0	75.6	75.8	76.0	76.1	76.8	77.0
≥ 900		52.9	57.0	61.4	66.1	66.4	70.2	74.3	74.9	76.5	76.8	76.9	77.0	77.8	77.9
≥ 800		54.2	58.2	62.6	67.4	67.7	71.7	76.0	76.5	78.3	78.5	78.6	78.8	79.4	79.6
≥ 700		54.4	58.4	62.8	67.6	68.0	72.1	76.4	77.1	79.0	79.2	79.3	79.4	80.1	80.3
≥ 600		55.1	59.3	63.8	69.2	69.5	73.9	78.4	79.1	81.2	81.5	81.6	81.8	82.4	82.6
≥ 500		56.1	60.3	65.1	70.8	71.0	76.5	80.4	81.2	83.4	83.8	83.9	84.1	84.8	85.0
≥ 400		56.2	60.4	65.5	71.1	71.4	77.1	81.2	82.3	85.0	85.7	85.8	86.0	86.7	86.9
≥ 300		56.3	60.5	65.6	71.3	71.7	77.8	82.3	83.6	86.4	87.3	87.5	88.1	89.2	89.4
≥ 200		56.3	60.5	65.6	71.3	71.7	77.8	82.4	84.1	87.2	88.3	88.7	89.3	91.0	91.5
≥ 100		56.3	60.5	65.6	71.3	71.7	77.8	82.4	84.1	87.7	89.1	89.5	90.5	92.9	93.4
0		56.3	60.5	65.6	71.3	71.7	77.8	82.4	84.1	87.8	89.2	89.7	90.8	93.1	94.1
															100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

39022 HANN MÜNDEN/HOF BRÜCK GERMANY 8-17 YEARS 0500

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-1100 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0
NO CEILING		39.4	39.4	36.4	37.9	38.2	39.2	39.7	39.7	39.9	39.9	39.9	39.9	40.0	40.3
≥ 20000		37.4	39.0	41.4	43.0	43.9	44.9	45.6	45.6	45.7	45.7	45.7	45.8	45.8	46.2
≥ 18000		38.1	40.4	42.6	44.2	44.6	45.6	46.2	46.2	46.3	46.3	46.3	46.4	46.6	46.9
≥ 16000		38.2	40.0	42.7	44.3	44.7	45.7	46.3	46.3	46.4	46.4	46.4	46.5	46.7	47.1
≥ 14000		38.8	41.1	43.2	44.9	45.2	46.2	46.9	46.9	47.0	47.0	47.0	47.1	47.2	47.6
≥ 12000		40.9	43.3	45.4	47.1	47.4	48.4	49.1	49.1	49.2	49.2	49.2	49.3	49.4	49.8
≥ 10000		42.9	45.9	48.1	49.8	50.1	51.3	52.0	52.0	52.1	52.1	52.1	52.2	52.3	52.8
≥ 9000		44.1	46.7	48.9	50.6	50.9	52.1	52.8	52.8	52.9	52.9	52.9	53.0	53.1	53.6
≥ 8000		44.2	48.8	51.2	53.2	53.6	54.9	55.7	55.7	55.9	55.9	55.9	56.0	56.1	56.6
≥ 7000		46.8	49.2	51.9	53.7	54.2	55.6	56.3	56.3	56.6	56.6	56.6	56.7	56.8	57.3
≥ 6000		47.7	49.8	52.1	54.3	54.7	56.1	57.0	57.0	57.2	57.2	57.2	57.3	57.4	57.9
≥ 5000		48.7	50.9	53.4	55.7	56.0	57.6	58.4	58.4	58.8	58.8	58.8	58.9	59.0	59.5
≥ 4500		48.2	51.2	53.8	56.1	56.4	58.0	58.9	59.0	59.3	59.3	59.3	59.4	59.6	59.9
≥ 4000		50.4	53.7	56.4	58.8	59.1	60.7	61.6	61.7	62.0	62.0	62.0	62.1	62.2	62.4
≥ 3500		52.1	55.3	58.1	60.4	60.8	62.3	63.2	63.3	63.7	63.7	63.7	63.8	63.9	64.2
≥ 3000		54.7	57.9	60.8	63.2	63.6	65.1	66.0	66.1	66.4	66.4	66.4	66.7	66.8	67.1
≥ 2500		57.0	60.4	63.4	65.9	66.2	67.8	68.7	68.8	69.1	69.1	69.2	69.3	69.4	69.8
≥ 2000		58.3	63.0	67.1	69.9	70.2	71.9	72.9	73.0	73.3	73.3	73.4	73.6	73.7	74.1
≥ 1800		61.0	64.6	67.9	70.7	71.0	72.7	73.7	73.8	74.1	74.1	74.2	74.3	74.4	74.8
≥ 1500		63.8	67.7	71.3	74.3	74.7	76.3	77.4	77.6	78.0	78.0	78.1	78.2	78.3	78.7
≥ 1200		68.1	72.1	75.9	79.6	80.0	82.3	83.1	83.2	83.7	83.7	83.8	83.9	84.0	84.3
≥ 1000		69.9	73.8	77.9	81.9	82.3	84.8	85.9	86.1	86.6	86.6	86.7	86.8	86.9	87.2
≥ 900		70.0	74.0	78.1	82.1	82.6	85.1	86.2	86.4	86.9	86.9	87.0	87.1	87.2	87.6
≥ 800		70.7	74.7	79.2	83.2	83.7	86.3	87.8	88.0	88.4	88.4	88.5	88.7	88.8	89.1
≥ 700		71.2	75.2	79.9	84.0	85.0	88.0	89.2	89.4	89.9	89.9	90.0	90.1	90.2	90.6
≥ 600		71.9	75.9	80.8	85.7	86.1	89.3	90.6	90.8	91.2	91.2	91.3	91.4	91.6	91.9
≥ 500		72.7	76.7	81.9	87.4	87.9	91.7	93.9	94.1	94.7	94.7	94.8	94.9	95.0	95.3
≥ 400		72.8	76.8	82.0	87.7	88.1	92.2	94.7	95.0	95.6	95.6	95.7	95.8	95.9	96.2
≥ 300		72.8	76.8	82.0	87.8	88.2	92.4	95.0	95.4	96.4	96.9	97.0	97.1	97.2	97.7
≥ 200		72.8	76.8	82.0	87.8	88.2	92.4	95.0	95.4	96.4	97.0	97.1	97.2	97.6	97.9
≥ 100		72.8	76.8	82.0	87.8	88.2	92.4	95.0	95.6	96.7	97.3	97.4	97.6	97.9	98.2
≥ 0		72.8	76.8	82.0	87.8	88.2	92.4	95.0	95.6	96.7	97.3	97.4	97.6	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34028 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 5-77 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

120 HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		36.7	36.8	37.4	37.9	37.9	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	39.0
≥ 20000		43.2	43.4	44.1	44.4	44.9	45.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8
≥ 18000		43.9	44.0	44.7	45.4	45.4	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.5
≥ 16000		43.9	44.1	44.8	45.5	45.5	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.7
≥ 14000		44.7	44.9	45.6	46.3	46.3	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.4
≥ 12000		46.9	47.1	47.8	48.6	48.6	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.7
≥ 10000		49.1	49.3	50.1	50.9	50.9	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.0
≥ 9000		49.9	50.1	50.9	51.7	51.7	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.8
≥ 8000		53.1	53.4	54.2	55.1	55.1	55.8	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.8
≥ 7000		54.0	54.3	55.8	56.8	56.8	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.4
≥ 6000		55.7	56.0	56.9	57.9	57.9	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.3
≥ 5000		57.9	58.1	59.7	60.8	60.8	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.7
≥ 4500		59.2	59.6	60.7	61.7	61.7	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	63.1
≥ 4000		63.1	63.5	65.0	66.1	66.1	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.6
≥ 3500		67.1	67.7	68.9	70.0	70.0	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.4
≥ 3000		71.8	72.4	73.7	75.0	75.0	76.0	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.8
≥ 2500		76.0	76.7	77.9	79.2	79.2	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	81.1
≥ 2000		79.8	80.4	81.7	83.0	83.0	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.8
≥ 1800		81.0	81.7	82.9	84.2	84.2	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	86.1
≥ 1500		82.9	83.6	85.4	86.8	86.8	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	89.1
≥ 1200		86.1	87.3	89.0	90.6	90.6	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.7
≥ 1000		87.4	88.9	90.7	92.6	92.6	93.9	94.4	94.6	94.6	94.6	94.6	94.6	94.6	95.0
≥ 900		87.9	89.4	91.0	92.9	92.9	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.3
≥ 800		88.1	89.6	91.2	93.1	93.1	94.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.7
≥ 700		88.1	89.7	91.4	93.7	93.7	95.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.2
≥ 600		88.1	89.7	91.4	93.8	93.8	95.4	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.7
≥ 500		88.2	89.9	91.7	94.4	94.4	96.2	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.8
≥ 400		88.4	90.2	92.0	94.8	94.8	96.8	97.7	98.4	98.4	98.4	98.5	98.6	98.6	99.0
≥ 300		88.4	90.2	92.0	94.8	94.8	96.8	97.7	98.4	98.8	98.8	98.9	98.9	98.9	99.2
≥ 200		88.4	90.2	92.0	94.8	94.8	96.8	97.7	98.4	98.9	99.1	99.1	99.2	99.2	99.5
≥ 100		88.4	90.2	92.0	94.8	94.8	96.8	97.7	98.4	98.9	99.0	99.1	99.2	99.2	99.5
≥ 0		88.4	90.2	92.0	94.8	94.8	96.8	97.7	98.4	98.9	99.1	99.1	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34025 (WBAN) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 5-77 (YEARS) 05 (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
NO CEILING		36.8	37.3	37.9	38.4	38.6	38.8	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 20000		47.6	48.4	49.0	50.1	50.2	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000		48.3	49.7	50.2	51.3	51.4	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000		48.9	49.8	50.3	51.4	51.5	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000		49.3	50.2	50.8	51.9	52.0	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000		51.9	52.9	53.6	54.7	54.8	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000		54.6	55.7	56.4	57.6	57.7	58.4	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 9000		56.2	57.3	58.2	59.3	59.4	60.2	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000		60.1	61.3	62.3	63.6	63.7	64.4	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8
≥ 7000		63.5	64.8	65.8	67.1	67.1	67.9	68.2	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000		64.6	65.8	66.8	68.1	68.1	68.9	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000		67.1	68.3	69.3	70.6	70.7	71.4	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500		69.2	70.4	71.6	72.8	72.9	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000		73.0	74.3	75.4	76.7	76.8	77.7	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500		75.8	77.3	78.4	79.9	80.0	81.0	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000		79.7	81.4	82.6	84.1	84.1	85.1	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500		81.4	83.3	85.0	86.7	86.8	87.9	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000		83.2	85.1	86.8	88.6	88.7	89.8	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800		83.6	85.4	87.1	88.9	89.0	90.1	90.3	90.6	90.7	90.7	90.7	90.7	90.7	91.0
≥ 1500		85.1	87.1	88.9	91.0	91.1	92.3	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.4
≥ 1200		85.9	87.9	89.8	91.9	92.1	93.3	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.4
≥ 1000		86.6	88.8	90.7	92.9	93.1	94.6	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.7
≥ 900		86.7	88.9	90.9	93.0	93.2	94.7	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.8
≥ 800		87.1	89.3	91.2	93.3	93.5	95.4	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.6
≥ 700		87.1	89.4	91.6	94.0	94.2	95.8	96.2	96.4	96.6	96.6	96.4	96.6	96.6	96.9
≥ 600		87.1	89.4	91.6	94.1	94.3	95.9	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.4
≥ 500		87.1	89.4	91.6	94.1	94.3	96.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.8
≥ 400		87.1	89.4	91.7	94.4	94.7	96.7	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.7
≥ 300		87.1	89.7	91.9	94.7	94.9	97.0	98.0	98.4	98.9	98.9	98.9	98.9	99.0	99.3
≥ 200		87.1	89.7	91.9	94.7	94.9	97.1	98.1	98.6	99.2	99.2	99.2	99.2	99.4	99.7
≥ 100		87.1	89.7	91.9	94.7	94.9	97.1	98.1	98.6	99.2	99.2	99.3	99.3	99.7	99.7
≥ 0		87.1	89.7	91.9	94.7	94.9	97.1	98.1	98.6	99.2	99.2	99.3	99.3	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

44025 HAM. AS/HOLSBECK GERMANY 5-74 (YEARS) (MONTHS)
STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING		41.6	43.7	45.4	47.2	47.6	48.7	48.7	48.9	49.2	49.2	49.3	49.3	49.3	49.7
≥ 20000		49.2	51.4	53.3	55.0	55.9	57.2	57.4	57.7	58.0	58.0	58.1	58.1	58.1	58.4
≥ 18000		50.7	52.9	54.8	56.6	56.9	58.2	58.4	58.7	59.0	59.1	59.1	59.1	59.1	59.4
≥ 16000		50.1	52.3	54.2	56.0	56.3	57.6	57.8	58.1	58.4	58.5	58.5	58.5	58.5	58.8
≥ 14000		50.7	52.9	54.7	56.9	57.2	58.6	58.8	59.0	59.3	59.3	59.4	59.4	59.4	59.7
≥ 12000		51.4	53.7	55.8	58.1	58.3	59.7	59.9	60.1	60.4	60.4	60.5	60.5	60.5	60.8
≥ 10000		53.5	56.0	57.4	60.1	60.4	61.8	62.0	62.3	62.7	63.0	63.1	63.1	63.1	63.4
≥ 9000		54.9	57.4	59.0	61.9	62.4	63.8	64.0	64.4	64.9	65.2	65.3	65.3	65.3	65.7
≥ 8000		57.4	60.0	62.1	64.8	65.2	66.7	67.0	67.3	67.8	68.2	68.3	68.3	68.3	68.7
≥ 7000		60.2	62.8	65.0	67.8	68.2	69.7	70.0	70.3	70.8	71.2	71.3	71.3	71.3	71.7
≥ 6000		61.4	64.0	66.2	68.8	69.4	71.0	71.3	71.6	72.1	72.7	72.7	72.8	72.8	73.1
≥ 5000		64.4	67.2	69.4	72.0	72.7	74.3	74.6	74.8	75.3	75.9	75.9	76.0	76.0	76.3
≥ 4500		65.4	68.2	70.4	73.2	73.9	75.5	75.8	76.0	76.6	77.1	77.1	77.2	77.2	77.5
≥ 4000		68.9	71.7	74.0	77.1	77.8	79.5	79.8	80.2	80.8	81.3	81.4	81.4	81.4	81.7
≥ 3500		70.2	73.1	75.4	78.6	79.4	81.1	81.4	82.0	82.6	83.1	83.2	83.2	83.2	83.6
≥ 3000		71.9	74.7	77.1	81.3	81.7	83.5	83.9	84.3	84.9	85.4	85.4	85.5	85.5	85.9
≥ 2500		74.2	76.9	79.8	84.3	84.7	86.5	86.9	87.6	88.1	88.7	88.7	88.8	88.8	89.2
≥ 2000		74.9	77.6	80.9	85.6	85.9	87.8	88.3	88.9	89.4	90.0	90.0	90.1	90.1	90.4
≥ 1800		75.3	78.2	81.3	85.8	86.4	88.3	88.9	89.4	90.0	90.6	90.6	90.7	90.7	91.0
≥ 1500		76.2	79.2	82.4	87.3	88.0	89.9	90.4	91.1	91.8	92.3	92.3	92.4	92.4	92.8
≥ 1200		78.9	80.0	83.6	88.6	89.2	91.8	92.5	93.2	93.8	93.8	93.8	93.9	93.9	94.2
≥ 1000		77.8	81.0	84.7	89.8	90.4	93.0	93.6	94.6	95.2	95.3	95.4	95.4	95.4	95.8
≥ 900		77.9	81.0	84.8	90.0	90.7	93.2	94.0	94.8	95.4	95.6	95.7	95.7	95.7	96.0
≥ 800		77.8	81.1	84.8	90.1	90.7	93.2	94.1	94.9	95.6	95.7	95.8	95.8	95.8	96.1
≥ 700		77.9	81.1	84.9	90.1	90.8	93.3	94.2	95.0	95.7	95.8	95.9	95.9	95.9	96.2
≥ 600		77.9	81.2	85.0	90.2	90.9	93.6	94.6	95.3	96.0	96.1	96.2	96.2	96.2	96.5
≥ 500		78.1	81.4	85.4	90.7	91.3	94.1	95.1	95.9	96.6	96.7	96.8	96.8	96.8	97.1
≥ 400		78.1	81.4	85.4	90.9	91.6	94.3	95.3	96.1	96.8	96.9	97.0	97.0	97.0	97.3
≥ 300		78.1	81.4	85.4	90.9	91.6	94.4	95.6	96.7	97.4	97.5	97.7	97.7	97.7	98.0
≥ 200		78.1	81.4	85.4	90.9	91.6	94.4	95.8	96.8	97.7	97.8	98.3	98.3	98.6	98.9
≥ 100		78.1	81.4	85.4	90.9	91.6	94.4	95.8	96.8	97.8	97.9	98.4	98.4	98.9	99.2
≥ 0		78.1	81.4	85.4	90.9	91.6	94.4	95.8	96.8	97.8	98.0	98.4	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

340-5 [illegible] AB/[illegible] GERMANY 8-77 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		42.4	46.4	49.7	52.8	53.1	54.8	54.2	54.4	54.7	54.8	54.8	54.9	54.9	55.0
≥ 20000		46.1	50.1	53.4	57.4	57.6	59.4	58.7	59.2	59.6	59.7	59.7	59.8	59.8	59.9
≥ 18000		46.2	50.2	53.4	57.4	57.7	59.5	58.8	59.4	59.7	59.8	59.8	60.0	60.0	60.0
≥ 16000		46.5	50.5	54.3	57.7	58.1	59.8	59.2	59.7	60.1	60.2	60.2	60.3	60.3	60.4
≥ 14000		47.1	51.1	54.5	58.3	58.6	60.4	59.7	60.3	60.6	60.7	60.7	60.8	60.8	60.9
≥ 12000		48.3	52.3	56.3	59.7	60.1	61.9	61.2	61.7	62.1	62.2	62.2	62.3	62.3	62.4
≥ 10000		49.3	54.4	58.2	61.6	62.0	63.8	63.2	63.7	64.1	64.2	64.2	64.3	64.3	64.4
≥ 9000		51.3	55.7	59.5	63.1	63.4	65.2	65.0	65.5	65.9	66.0	66.0	66.1	66.1	66.2
≥ 8000		53.3	57.7	61.5	65.2	65.6	67.5	67.2	67.7	68.2	68.3	68.3	68.4	68.4	68.5
≥ 7000		55.1	59.5	63.4	67.1	67.7	69.6	69.3	69.9	70.3	70.4	70.4	70.5	70.5	70.6
≥ 6000		56.4	60.8	64.7	68.6	69.1	71.0	70.7	71.3	71.7	71.9	71.9	72.0	72.0	72.1
≥ 5000		58.3	62.7	66.6	70.5	71.2	73.1	73.0	73.5	74.0	74.1	74.1	74.2	74.2	74.3
≥ 4500		59.3	63.7	67.6	71.5	72.3	74.2	74.0	74.5	75.0	75.1	75.1	75.2	75.2	75.3
≥ 4000		62.2	67.5	71.3	75.2	76.2	77.9	78.0	78.5	79.0	79.1	79.1	79.2	79.2	79.3
≥ 3500		63.7	68.3	72.5	77.1	77.5	79.4	79.3	79.9	80.3	80.4	80.4	80.5	80.5	80.6
≥ 3000		64.8	69.6	74.1	78.9	79.3	81.2	81.1	81.8	82.1	82.2	82.2	82.3	82.3	82.4
≥ 2500		65.7	70.6	75.1	79.9	80.3	82.2	82.2	82.8	83.2	83.3	83.3	83.4	83.4	83.5
≥ 2000		66.5	71.3	75.8	80.9	81.3	83.2	83.2	83.8	84.2	84.3	84.3	84.4	84.4	84.5
≥ 1800		67.3	72.1	76.5	81.6	82.1	84.0	84.0	84.5	85.0	85.1	85.1	85.2	85.2	85.3
≥ 1500		69.0	73.7	78.4	83.6	84.1	86.0	86.2	86.8	87.3	87.4	87.4	87.5	87.5	87.6
≥ 1200		70.0	74.7	79.5	85.2	85.7	87.6	87.9	88.4	89.0	89.1	89.1	89.2	89.2	89.3
≥ 1000		71.4	76.3	81.2	87.1	87.5	89.5	90.1	90.8	91.3	91.4	91.4	91.5	91.5	91.6
≥ 900		71.5	76.4	81.3	87.3	87.8	89.8	90.3	91.0	91.5	91.7	91.7	92.3	92.0	92.1
≥ 800		72.0	76.9	81.8	88.0	88.4	90.4	91.0	91.7	92.2	92.3	92.3	92.4	92.4	92.5
≥ 700		72.3	77.2	82.2	88.3	89.1	91.2	91.8	92.4	93.0	93.1	93.1	93.2	93.2	93.3
≥ 600		72.4	77.3	82.3	88.6	89.3	91.5	92.1	92.8	93.3	93.4	93.4	93.5	93.5	93.6
≥ 500		72.5	77.4	82.4	88.9	89.4	91.7	92.2	93.0	93.5	93.6	93.6	93.7	93.7	93.8
≥ 400		72.7	77.4	82.4	89.1	89.7	92.1	93.1	93.9	94.4	94.7	94.7	94.8	94.8	94.9
≥ 300		72.5	77.5	82.5	89.3	89.9	92.5	93.5	94.3	94.9	95.2	95.2	95.3	95.3	95.4
≥ 200		72.6	77.6	82.8	89.8	90.3	93.1	94.1	95.0	96.0	96.3	96.4	97.0	97.0	97.2
≥ 100		72.7	77.8	82.9	89.9	90.4	93.2	94.3	95.3	96.4	96.8	96.9	97.7	98.1	98.2
≥ 0		72.7	77.8	82.9	89.9	90.4	93.2	94.3	95.3	96.4	96.8	96.9	97.7	98.1	98.2

TOTAL NUMBER OF OBSERVATIONS 999

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

DATA PROCESSING PAGE
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34025 — HAHN AB/AUTOBAHN, GERMANY — 1973 — JAN — 00 — HOUR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES													
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0		
NO CEILING ≥ 20000	35.4	38.8	40.4	42.1	43.3	44.7	49.4	44.9	45.1	45.4	45.7	46.0	46.2	46.3
	41.5	43.9	45.3	47.4	48.1	48.8	49.4	50.7	51.2	51.3	51.4	51.6	51.8	51.9
≥ 18000 ≥ 16000	41.9	44.0	46.1	46.3	48.6	49.1	49.9	51.2	51.7	51.8	51.9	52.1	52.3	52.4
	42.1	44.2	46.2	46.4	48.7	49.3	50.3	51.3	51.8	52.0	52.1	52.3	52.4	52.5
≥ 14000 ≥ 12000	42.4	44.3	46.5	46.8	49.1	49.7	51.5	51.8	52.2	52.4	52.5	52.7	52.8	52.9
	43.9	45.8	46.2	50.4	51.7	52.3	53.1	53.4	53.8	54.1	54.2	54.3	54.4	54.5
≥ 10000 ≥ 9000	45.7	48.0	50.2	52.5	53.8	54.4	55.2	55.6	56.1	56.3	56.4	56.6	56.7	56.8
	46.7	49.0	51.3	53.6	53.9	55.4	56.2	56.7	57.3	57.5	57.6	57.8	57.9	58.0
≥ 8000 ≥ 7000	48.1	51.3	53.9	56.4	57.8	58.5	59.4	59.8	60.4	60.6	60.7	61.0	61.1	61.2
	48.6	53.1	55.9	58.4	59.5	60.3	61.2	61.6	62.2	62.4	62.5	62.8	62.9	63.0
≥ 6000 ≥ 5000	51.4	54.0	56.9	59.4	60.4	61.3	62.3	62.7	63.3	63.5	63.6	63.9	64.1	64.2
	53.9	56.1	58.6	61.1	62.1	62.7	63.6	64.0	64.7	64.9	65.1	65.4	65.6	65.7
≥ 4500 ≥ 4000	54.6	57.2	59.7	62.3	63.3	64.0	65.0	65.4	66.2	66.4	66.5	66.8	67.0	67.1
	57.9	60.6	63.1	66.0	66.7	67.6	68.8	69.3	70.3	70.6	70.8	71.1	71.3	71.4
≥ 3500 ≥ 3000	59.7	62.5	65.2	68.3	69.3	70.2	71.4	71.9	72.9	73.1	73.3	73.6	73.8	73.9
	61.9	64.7	67.5	70.8	71.8	72.8	74.0	74.5	75.6	75.8	76.0	76.3	76.5	76.6
≥ 2500 ≥ 2000	63.6	66.6	69.6	73.0	74.0	75.1	76.4	77.0	78.1	78.4	78.6	78.9	79.1	79.2
	65.1	68.2	71.3	74.9	75.9	77.0	78.3	78.9	80.0	80.3	80.5	80.8	81.0	81.1
≥ 1800 ≥ 1500	65.8	68.8	72.0	75.5	76.6	77.8	79.1	79.7	80.7	80.9	81.1	81.4	81.6	81.7
	67.5	70.7	74.0	77.8	78.9	80.1	81.4	82.0	83.2	83.4	83.6	83.9	84.1	84.2
≥ 1200 ≥ 1000	68.4	72.0	76.2	80.2	81.3	82.5	84.0	84.5	85.6	85.8	86.1	86.4	86.5	86.7
	70.6	74.0	77.7	82.1	82.5	84.1	86.1	86.5	87.8	88.1	88.4	88.7	88.9	89.0
≥ 900 ≥ 800	70.7	74.2	77.9	82.4	82.7	84.4	86.6	87.3	88.6	88.9	89.2	89.5	89.8	89.9
	71.3	74.7	78.5	83.1	84.5	86.2	87.7	88.3	89.1	89.3	89.6	89.9	90.1	90.2
≥ 700 ≥ 600	71.9	75.0	79.0	83.6	84.1	85.9	88.4	89.0	89.9	90.1	90.4	90.5	90.7	91.0
	71.9	75.4	79.4	84.2	84.3	86.8	89.4	90.0	90.9	91.1	91.3	91.6	91.8	92.0
≥ 500 ≥ 400	72.3	75.7	79.9	85.0	85.5	86.7	90.6	91.3	92.2	92.4	92.6	92.7	93.0	93.1
	72.3	75.9	80.1	85.4	85.9	87.3	91.4	92.2	93.3	93.5	93.6	93.8	94.1	94.3
≥ 300 ≥ 200	72.3	75.9	80.2	85.6	86.1	87.6	91.9	92.8	94.0	94.5	94.6	94.8	95.2	95.4
	72.3	75.9	80.2	85.7	86.2	87.8	92.1	93.0	94.5	95.0	95.1	95.3	95.6	95.8
≥ 100 ≥ 0	72.3	76.0	80.3	85.8	86.3	87.9	92.3	93.3	95.0	95.6	95.9	96.3	97.2	97.9
	72.3	76.0	80.3	85.8	86.3	87.9	92.3	93.3	95.0	95.6	95.9	96.3	97.2	97.9

TOTAL NUMBER OF OBSERVATIONS 7193

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

3

USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (feet)	VISIBILITY (STATUTE MILES)														
	≥ 10	10	9	8	7	6	5	4	3	2½	2	1½	1	½	0
NO CEILING		23.0	24.5	26.1	29.0	30.7	31.1	33.2	33.8	35.7	35.2	35.6	36.4	37.4	37.8
≥ 20000		25.2	26.7	28.2	31.4	32.7	33.7	35.1	36.3	37.0	38.2	38.6	39.1	40.1	40.4
≥ 8000		25.2	26.7	28.2	31.3	32.7	33.7	35.1	36.3	37.0	38.2	38.6	39.1	40.1	40.4
≥ 6000		25.2	26.7	28.3	32.1	33.1	34.8	36.2	36.6	38.7	38.2	39.1	39.7	40.8	41.1
≥ 4000		25.4	26.9	28.5	32.2	33.3	35.1	36.4	36.9	38.0	39.1	39.4	39.7	40.5	40.7
≥ 2500		26.0	27.2	29.2	32.4	33.7	35.7	37.1	37.5	38.5	39.5	40.1	40.2	41.2	41.4
≥ 2000		26.2	27.7	29.4	33.1	33.9	35.9	37.3	37.7	38.8	40.1	40.5	40.7	41.4	41.6
≥ 1500		26.4	27.9	29.7	33.4	34.2	36.2	37.6	38.1	39.1	40.4	40.8	41.0	41.7	42.1
≥ 1000		26.6	28.0	30.1	34.1	34.7	36.8	38.2	38.7	39.7	41.2	41.6	41.8	42.6	43.0
≥ 700		26.9	28.3	30.6	34.6	35.2	37.3	38.8	39.2	39.7	41.7	42.1	42.3	43.2	43.6
≥ 600		27.5	29.2	31.3	35.2	35.8	37.9	39.4	39.9	40.3	42.2	42.6	42.8	44.0	44.4
≥ 500		28.1	29.8	31.9	35.9	36.5	38.5	40.0	40.5	41.1	43.1	43.5	43.8	44.9	45.3
≥ 450		28.9	30.7	32.8	36.7	37.3	39.3	41.0	41.5	42.1	44.1	44.5	44.8	45.9	46.3
≥ 400		29.8	32.2	34.2	38.2	38.8	40.9	42.6	43.1	43.8	46.0	46.4	46.7	47.9	48.3
≥ 350		31.8	33.6	35.9	40.1	40.7	42.9	44.8	45.5	46.2	48.5	48.9	49.2	50.5	50.9
≥ 300		33.1	34.9	37.1	41.4	41.9	44.2	46.1	46.8	47.6	49.9	50.4	50.7	52.0	52.4
≥ 250		33.9	35.8	37.8	42.1	42.8	45.1	47.0	47.8	48.6	51.0	51.5	51.8	53.2	53.6
≥ 200		35.1	37.2	39.3	43.8	44.4	46.8	48.8	49.6	50.4	52.9	53.4	53.8	55.2	55.6
≥ 150		36.7	38.8	40.9	45.4	46.0	48.4	50.4	51.2	52.0	54.6	55.1	55.5	56.9	57.3
≥ 100		39.3	40.9	44.0	48.6	49.2	51.4	53.4	54.2	54.8	57.4	57.8	58.2	59.6	59.9
≥ 70		41.2	43.3	46.3	51.2	51.8	54.3	56.3	57.0	57.9	60.5	60.9	61.2	62.6	62.9
≥ 50		42.6	44.9	47.8	53.1	53.7	56.1	58.3	59.0	59.8	62.4	62.8	63.1	64.5	64.8
≥ 30		43.6	45.7	49.1	54.3	54.9	57.4	59.6	60.3	61.2	63.8	64.3	64.6	65.9	66.3
≥ 20		45.2	47.2	50.9	56.5	56.9	59.6	61.8	62.5	63.4	65.9	66.3	66.6	67.9	68.3
≥ 15		45.4	47.4	51.2	57.1	57.8	60.2	62.4	63.2	64.0	66.6	66.9	67.2	68.6	68.9
≥ 10		46.6	48.6	52.7	58.5	59.2	61.9	64.2	65.0	65.8	68.4	69.0	69.3	70.7	71.0
≥ 5		46.7	48.8	53.4	60.3	61.0	63.7	66.0	67.8	70.7	70.9	71.3	71.6	72.4	72.8
≥ 0		47.1	49.4	54.3	61.3	61.9	64.8	68.1	69.4	72.4	72.8	73.2	73.5	74.1	74.6
≥ 300		47.1	50.1	55.5	62.9	63.4	67.5	71.0	72.4	75.9	76.2	76.7	77.2	78.1	78.6
≥ 200		47.9	50.4	55.8	63.3	64.1	68.4	72.2	74.4	78.3	79.1	79.6	80.1	81.4	81.9
≥ 100		48.1	50.6	56.1	64.2	64.7	69.4	73.4	75.6	80.5	81.3	82.0	82.5	83.8	84.3
≥ 0		48.1	50.6	56.1	64.2	64.7	69.4	73.4	75.6	80.5	81.3	82.0	82.5	83.8	84.3

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34025 STATION | HAHN AB/BITBURG GERMANY STATION NAME | 9-77 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/16	≥½	≥0
NO CEILING		20.4	20.8	23.7	25.4	25.2	27.7	30.3	31.4	32.7	34.0	33.9	34.0	34.5	35.1	37.8
≥ 20000		21.1	21.5	24.5	25.2	26.2	28.0	31.7	32.8	34.1	34.4	35.2	35.4	35.7	36.5	37.8
≥ 18000		21.1	21.8	24.8	25.2	26.2	28.0	31.7	32.9	34.1	34.4	35.2	35.4	35.7	36.5	37.8
≥ 16000		21.1	21.8	24.9	25.4	26.2	28.0	31.7	32.9	34.1	34.6	35.2	35.4	35.9	36.7	37.8
≥ 14000		21.1	21.8	24.9	26.2	26.2	28.0	31.7	32.8	34.1	34.6	35.2	35.4	35.9	36.7	37.8
≥ 12000		21.4	22.0	24.9	26.4	26.4	28.2	31.9	33.0	34.3	34.8	35.4	35.6	36.1	36.9	38.1
≥ 10000		21.6	22.0	25.0	26.6	26.6	28.4	32.3	33.3	34.7	35.2	35.7	36.0	36.4	37.2	38.3
≥ 9000		21.7	22.1	25.1	26.6	26.8	28.6	32.4	33.4	34.8	35.4	35.9	36.1	36.7	37.4	38.5
≥ 8000		21.9	22.4	25.6	27.2	27.2	29.4	33.3	34.4	35.8	36.4	36.9	37.1	37.6	38.4	39.7
≥ 7000		21.9	22.4	25.6	27.4	27.4	29.6	33.5	34.6	36.0	36.6	37.1	37.3	37.9	38.8	39.9
≥ 6000		22.0	22.5	26.1	27.6	27.5	29.1	34.0	35.1	36.5	37.0	37.5	37.6	38.3	39.1	40.2
≥ 5000		22.0	23.4	27.2	28.9	28.9	30.1	35.1	36.1	37.5	38.1	38.6	38.8	39.4	40.1	41.3
≥ 4500		23.5	24.1	27.8	29.6	29.6	31.9	36.8	38.0	38.3	38.8	39.4	39.7	40.2	41.0	42.2
≥ 4000		25.4	26.0	29.9	31.6	31.6	33.0	38.1	39.3	40.8	41.3	41.9	42.2	42.7	43.5	44.7
≥ 3500		26.4	27.1	31.0	32.7	32.7	34.1	39.5	40.7	42.2	42.7	43.3	43.6	44.1	44.9	46.1
≥ 3000		28.5	29.1	33.0	34.7	34.7	36.2	41.5	42.7	44.2	44.8	45.4	45.8	46.2	46.9	48.1
≥ 2500		28.9	29.6	33.7	35.7	35.8	37.3	42.6	43.8	45.3	45.8	46.4	46.7	47.2	48.0	49.2
≥ 2000		30.1	30.7	35.1	37.1	37.2	38.7	44.2	45.4	47.0	47.6	48.1	48.4	49.0	49.7	50.9
≥ 1800		30.6	31.4	36.0	38.1	38.2	41.0	45.3	46.5	48.1	48.7	49.2	49.5	50.1	50.8	52.0
≥ 1500		32.4	33.3	38.3	40.3	40.5	43.9	47.6	48.8	50.6	51.2	51.7	52.0	52.5	53.3	54.5
≥ 1200		34.4	35.8	40.9	42.9	43.0	46.5	50.7	51.9	53.2	53.7	54.2	54.5	55.1	55.9	57.1
≥ 1000		36.2	37.4	42.5	44.8	44.9	48.4	52.1	53.5	55.3	55.9	56.4	56.7	57.3	58.1	59.4
≥ 900		36.6	37.8	42.8	45.3	45.4	49.0	52.6	54.0	55.9	56.4	57.1	57.3	57.8	58.6	59.9
≥ 800		37.4	38.8	44.3	47.4	47.5	51.0	54.7	56.1	57.9	58.5	59.2	59.3	59.9	60.8	61.9
≥ 700		37.8	39.1	44.9	47.9	48.1	51.8	55.4	56.9	58.7	59.2	59.9	60.1	60.6	61.4	62.5
≥ 600		39.3	41.1	47.1	50.8	50.7	54.9	58.8	60.2	62.1	62.7	63.2	63.3	64.1	64.9	66.1
≥ 500		40.3	42.3	48.5	52.9	52.8	57.4	61.4	63.0	65.3	65.9	66.3	66.4	67.3	68.1	69.3
≥ 400		40.5	42.6	49.2	53.4	53.7	58.6	62.8	64.5	66.9	67.5	68.1	68.4	69.0	69.8	71.0
≥ 300		40.6	42.9	49.9	55.0	55.4	61.2	65.7	67.6	70.1	70.8	71.3	71.7	72.5	73.4	74.5
≥ 200		41.0	43.4	50.6	56.2	56.6	62.8	68.0	70.7	74.3	75.0	75.5	76.8	79.0	79.8	81.3
≥ 100		41.0	43.5	51.1	56.9	57.3	63.5	69.4	72.3	76.8	77.6	79.2	80.7	84.9	87.6	92.4
≥ 0		41.0	43.5	51.1	56.9	57.3	63.5	69.4	72.4	76.9	78.0	79.4	80.9	85.9	88.8	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34004 STATION NO. | HAHN AB/HUNSRUCK BERRA AY STATION NAME | 8-72 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING		16.4	17.0	18.7	20.9	21.9	22.0	22.6	23.1	23.7	24.4	24.9	25.4	25.6	25.9	27.4
≥ 20000		18.7	18.7	20.6	22.7	22.9	23.0	24.8	25.4	26.0	26.6	26.9	27.3	27.5	28.0	30.7
≥ 18000		18.7	18.7	20.6	22.9	22.9	23.0	24.8	25.4	26.0	26.6	26.9	27.3	27.5	28.0	30.7
≥ 16000		18.7	18.7	20.6	22.9	22.9	23.0	24.8	25.4	26.0	26.6	26.9	27.3	27.5	28.0	30.7
≥ 14000		18.8	18.8	20.7	23.1	23.1	23.2	25.0	25.6	26.3	26.9	27.1	27.6	27.8	28.2	30.9
≥ 12000		19.4	19.4	21.0	23.5	23.5	23.5	25.3	25.9	26.6	27.1	27.4	27.9	28.1	28.5	31.4
≥ 10000		19.9	19.9	21.9	24.3	24.3	24.4	26.2	26.8	27.6	28.1	28.4	29.0	29.2	29.7	32.7
≥ 9000		19.1	19.9	22.0	24.4	24.4	24.5	26.3	26.9	27.8	28.3	28.6	29.2	29.4	29.9	33.0
≥ 8000		19.6	20.5	22.7	25.2	25.2	25.5	27.7	28.4	29.3	29.9	30.2	30.8	31.0	31.6	34.8
≥ 7000		20.6	21.5	23.8	26.3	26.4	26.7	28.8	29.6	30.5	31.1	31.4	32.0	32.2	33.0	36.1
≥ 6000		20.9	21.7	24.0	26.5	26.6	26.9	29.1	29.8	30.7	31.3	31.6	32.2	32.4	33.0	36.3
≥ 5000		21.7	22.7	25.1	27.7	27.8	28.3	30.6	31.3	32.2	32.8	33.2	33.7	33.9	34.6	37.9
≥ 4500		22.1	23.0	25.4	28.2	28.3	28.8	31.4	32.2	33.0	33.7	34.0	34.6	34.8	35.4	38.8
≥ 4000		22.7	23.7	26.2	29.2	29.4	29.8	32.7	33.5	34.3	35.0	35.3	35.8	36.0	36.7	39.7
≥ 3500		23.8	24.8	27.2	30.5	30.7	31.2	34.1	35.1	36.1	36.7	37.0	37.6	37.8	38.4	41.7
≥ 3000		25.3	26.3	28.8	32.3	32.5	33.0	36.1	37.0	38.0	38.8	39.1	39.6	39.8	40.5	43.7
≥ 2500		25.9	27.0	30.0	33.7	33.9	34.3	37.7	38.6	39.8	40.6	40.9	41.4	41.6	42.3	45.5
≥ 2000		27.2	28.3	31.3	35.2	35.5	35.9	39.4	40.4	41.7	42.5	42.8	43.4	43.6	44.2	47.5
≥ 1800		28.2	29.4	32.4	36.4	36.6	37.1	40.6	41.7	42.9	43.8	44.1	44.7	44.9	45.5	48.8
≥ 1500		30.5	31.7	35.0	39.4	39.6	40.2	43.7	44.8	46.1	47.1	47.5	48.0	48.2	48.9	52.1
≥ 1200		32.7	33.8	37.1	41.6	41.8	42.5	46.1	47.1	48.4	49.5	49.8	50.4	50.6	51.2	54.5
≥ 1000		33.9	35.7	39.1	44.0	44.3	45.0	49.0	50.2	51.5	52.5	52.9	53.4	53.6	54.3	57.5
≥ 900		34.1	36.1	39.5	44.6	44.9	45.6	49.5	50.7	52.0	53.1	53.4	53.9	54.2	54.8	58.1
≥ 800		35.6	37.6	41.2	46.5	46.9	47.6	51.7	52.9	54.1	55.2	55.5	56.1	56.3	57.1	60.4
≥ 700		36.4	38.5	42.5	48.1	48.5	49.2	53.3	54.5	55.8	56.8	57.2	57.7	58.0	58.7	62.0
≥ 600		36.9	39.0	43.7	49.9	50.4	51.0	55.3	56.5	57.8	58.9	59.2	59.8	60.1	61.1	64.5
≥ 500		38.4	41.2	45.9	51.8	52.2	52.9	57.6	59.0	60.4	61.5	61.9	62.5	62.8	63.8	67.3
≥ 400		39.1	42.3	46.6	53.3	53.8	54.6	60.1	61.7	63.6	64.9	65.2	65.8	66.1	67.0	70.8
≥ 300		39.2	42.5	46.9	54.3	54.8	55.6	62.3	64.0	66.8	68.2	68.6	69.2	69.4	70.7	74.6
≥ 200		39.3	42.7	47.3	54.6	55.1	56.4	63.2	65.3	69.6	71.3	71.7	73.2	73.5	75.7	81.0
≥ 100		39.3	42.7	47.4	54.7	55.2	56.5	63.8	66.1	70.6	72.6	73.2	75.5	75.8	79.3	91.6
≥ 0		39.3	42.7	47.4	54.7	55.2	56.5	63.8	66.1	70.7	72.7	73.3	75.6	75.9	83.2	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34055 STATION | HAHN AB/[illegible] GERMANY STATION NAME | 65-77 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(0001-2400) HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥⅝	≥½	≥0
NO CEILING		20.9	22.3	23.9	25.0	25.7	27.9	27.5	28.2	28.8	28.9	29.1	29.4	29.6	29.7
≥ 20000		23.7	25.2	27.1	29.1	29.2	31.4	31.2	31.9	32.6	32.7	32.9	33.2	33.4	33.7
≥ 18000		23.9	25.4	27.3	29.4	29.5	31.6	31.4	32.2	32.8	32.9	33.1	33.4	33.7	33.9
≥ 16000		23.9	25.3	27.3	29.4	29.5	31.6	31.4	32.2	32.8	32.9	33.1	33.4	33.7	33.9
≥ 14000		24.1	25.6	28.2	30.1	30.4	32.6	32.4	33.1	33.8	33.9	34.1	34.4	34.8	34.9
≥ 12000		24.3	26.0	28.4	30.3	30.6	32.8	32.6	33.3	34.0	34.1	34.3	34.6	34.9	35.1
≥ 10000		25.1	26.8	29.1	31.3	31.6	33.8	33.5	34.3	34.9	35.1	35.3	35.6	35.9	36.1
≥ 9000		25.4	27.1	29.5	31.8	31.9	34.2	34.0	34.7	35.4	35.5	35.8	36.0	36.2	36.4
≥ 8000		26.1	28.0	30.3	32.5	32.8	35.1	35.1	35.9	36.6	36.8	37.1	37.2	37.4	37.7
≥ 7000		26.7	28.7	31.2	33.4	34.0	36.3	36.0	36.9	37.5	37.7	37.9	38.2	38.4	38.7
≥ 6000		27.3	29.4	31.8	34.0	34.7	37.0	36.8	37.6	38.3	38.4	38.7	38.9	39.1	39.4
≥ 5000		28.1	30.2	32.7	35.0	35.7	38.1	38.0	38.9	39.7	39.8	39.9	40.2	40.3	40.6
≥ 4500		28.9	31.1	33.6	36.0	36.6	39.0	38.8	39.8	40.5	40.6	40.7	41.1	41.2	41.4
≥ 4000		29.9	32.3	35.1	38.0	38.1	41.5	40.3	41.3	42.2	42.3	42.4	42.7	42.8	43.0
≥ 3500		30.4	33.1	35.8	38.8	39.0	42.3	41.2	42.2	43.0	43.1	43.2	43.5	43.7	43.9
≥ 3000		31.7	34.5	37.3	40.4	40.5	43.9	42.8	43.8	44.7	44.8	44.9	45.2	45.5	45.7
≥ 2500		34.4	37.3	40.3	43.4	43.5	46.9	45.8	46.8	46.0	48.1	48.3	48.5	48.7	48.9
≥ 2000		36.7	40.1	43.1	46.3	46.9	50.4	49.5	50.4	51.7	51.9	52.1	52.3	52.5	52.7
≥ 1800		37.1	40.5	43.7	47.2	47.5	51.1	50.2	51.2	52.5	52.8	52.7	53.0	53.2	53.4
≥ 1500		39.4	43.3	46.1	50.0	50.3	54.3	53.3	54.3	55.6	55.7	55.8	56.1	56.3	56.6
≥ 1200		42.9	46.6	50.1	54.4	54.8	58.7	57.3	58.5	59.5	60.8	60.9	61.1	61.3	61.5
≥ 1000		46.3	50.1	53.7	58.1	58.4	62.5	61.3	62.5	63.4	64.7	64.8	64.9	65.1	65.3
≥ 900		47.2	51.5	55.2	59.6	60.1	64.2	62.9	64.1	65.1	66.3	66.5	66.6	66.9	67.1
≥ 800		48.5	52.9	56.8	61.0	62.2	66.1	64.9	66.2	67.3	68.6	68.7	68.8	69.1	69.4
≥ 700		48.5	53.3	57.5	62.9	63.5	66.7	67.8	68.9	70.2	70.3	70.4	70.8	71.0	71.2
≥ 600		49.5	54.2	58.6	64.3	65.2	68.5	69.7	70.8	72.0	72.2	72.3	72.6	72.9	73.1
≥ 500		49.8	54.6	59.6	66.0	67.0	71.3	72.7	73.9	75.6	75.7	75.8	76.1	76.5	76.7
≥ 400		50.3	55.4	60.5	67.4	68.5	73.9	75.6	77.1	78.9	79.1	79.2	79.6	79.9	80.1
≥ 300		50.6	55.7	61.1	68.2	69.5	75.3	77.7	79.8	82.6	82.8	82.9	83.4	83.9	84.1
≥ 200		50.9	56.0	61.4	68.6	69.9	75.7	78.5	81.0	84.8	85.3	85.8	86.3	87.3	88.1
≥ 100		50.9	56.0	61.4	68.6	69.9	75.7	78.7	81.2	85.6	86.8	87.2	88.3	89.6	91.0
≥ 0		50.9	56.0	61.4	68.7	70.0	75.8	78.8	81.3	85.7	86.9	87.3	88.4	90.1	91.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34025 STATION | HAHN AP/HUNSRUCK GERMANY STATION NAME | 5-72 YEARS | WORK

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800 HOURS (L)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING		27.2	28.7	30.1	32.3	32.3	33.7	33.0	33.1	33.2	33.2	33.7	33.2	33.3	33.3
≥ 20000		33.7	34.0	35.4	38.4	38.4	40.8	40.1	39.2	39.4	39.4	39.4	39.4	39.3	39.3
≥ 18000		33.7	34.3	36.3	39.3	39.3	41.6	40.9	40.0	40.1	40.1	40.1	40.1	40.2	40.2
≥ 16000		33.7	34.3	36.3	39.2	39.2	41.8	40.1	40.2	40.3	40.3	40.3	40.3	40.4	40.4
≥ 14000		33.8	34.3	36.3	39.3	39.5	42.0	40.3	40.4	40.5	40.5	40.5	40.5	40.6	40.6
≥ 12000		34.3	35.4	37.4	40.4	40.4	42.0	41.3	41.4	41.5	41.5	41.5	41.5	41.6	41.6
≥ 10000		35.3	36.3	38.4	41.7	41.7	43.3	42.6	42.7	42.8	42.8	42.8	42.8	42.9	42.9
≥ 9000		34.6	37.7	39.8	43.1	43.1	44.7	44.0	44.1	44.2	44.2	44.2	44.2	44.3	44.3
≥ 8000		38.1	39.6	41.8	45.2	45.2	46.7	46.0	46.1	46.2	46.2	46.2	46.2	46.3	46.3
≥ 7000		37.1	40.3	42.7	46.2	46.2	47.8	47.1	47.2	47.3	47.3	47.3	47.4	47.4	47.4
≥ 6000		39.7	41.8	43.3	46.9	46.9	48.4	47.7	47.8	48.0	48.0	48.0	48.1	48.1	48.1
≥ 5000		41.0	42.8	44.9	48.4	48.2	49.7	49.1	49.2	49.4	49.4	49.4	49.5	49.5	49.5
≥ 4500		42.0	43.9	45.9	49.5	49.5	51.0	50.4	50.5	50.6	50.6	50.7	50.8	50.8	50.8
≥ 4000		43.5	45.4	47.5	51.2	51.2	52.9	52.4	52.5	52.7	52.7	52.7	52.7	52.8	52.8
≥ 3500		45.9	47.8	50.1	53.7	53.7	54.4	54.8	54.9	55.2	55.2	55.3	55.3	55.4	55.4
≥ 3000		48.6	50.5	52.5	56.2	56.5	57.3	57.8	56.0	58.3	58.3	58.4	58.4	58.5	58.5
≥ 2500		53.7	55.9	58.2	62.1	62.2	63.0	63.5	63.7	64.1	64.1	64.2	64.2	64.3	64.3
≥ 2000		56.2	58.5	61.5	65.2	65.6	66.9	67.4	67.5	68.0	68.3	68.1	68.1	68.2	68.2
≥ 1800		57.0	59.7	62.3	66.2	66.3	67.7	68.3	68.4	68.8	68.8	68.9	68.9	69.0	69.0
≥ 1500		58.9	61.8	64.5	68.7	68.8	70.4	71.0	71.1	71.6	71.6	71.7	71.7	71.8	71.8
≥ 1200		61.3	64.9	67.6	72.5	72.7	74.7	75.3	75.4	75.9	75.9	76.0	76.0	76.1	76.1
≥ 1000		62.7	66.3	69.7	74.9	75.2	77.3	77.8	78.0	78.5	78.5	78.6	78.6	78.7	78.7
≥ 900		62.9	67.3	70.1	75.5	75.7	77.8	78.4	78.5	79.0	79.1	79.2	79.2	79.4	79.4
≥ 800		63.5	68.3	70.9	76.5	76.7	78.1	79.7	79.8	80.3	80.4	80.5	80.5	80.6	80.6
≥ 700		63.9	68.3	71.3	77.1	77.3	80.0	80.6	80.8	81.3	81.4	81.5	81.5	81.6	81.6
≥ 600		64.9	69.0	72.2	78.3	78.8	81.7	82.4	82.5	83.1	83.2	83.3	83.3	83.4	83.4
≥ 500		65.2	69.9	73.3	80.4	81.1	84.2	85.3	85.4	86.0	86.2	86.3	86.3	86.5	86.5
≥ 400		65.4	70.1	73.7	81.4	82.0	86.0	87.2	87.5	88.4	88.6	88.7	88.7	88.8	88.8
≥ 300		65.4	70.1	73.8	81.6	82.5	87.0	88.9	89.4	90.9	91.2	91.3	91.3	91.4	91.4
≥ 200		65.4	70.1	73.8	82.0	82.7	87.4	89.9	90.8	92.5	92.9	93.1	93.1	93.5	94.2
≥ 100		65.4	70.1	73.8	82.0	82.7	87.4	89.9	91.0	92.7	93.4	93.9	94.1	95.2	96.3
≥ 0		65.4	70.1	73.8	82.0	82.7	87.4	89.9	91.0	92.7	93.4	93.9	94.1	95.2	96.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34023 STATION | HUB. AP/HOUSTON, TEXAS STATION NAME | 8-11 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1956-1960 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
NO CEILING		28.1	28.3	29.1	31.1	31.5	32.9	33.4	33.6	33.7	33.8	33.9	34.1	34.2	34.2
≥ 20000		35.0	35.0	37.2	39.2	39.5	42.2	42.5	42.6	42.7	42.8	42.9	43.0	43.2	43.2
≥ 18000		35.6	35.6	37.7	39.8	40.1	42.8	43.0	43.1	43.2	43.3	43.4	43.5	43.7	43.7
≥ 16000		36.1	36.1	38.1	40.3	40.6	43.3	43.5	43.6	43.7	43.8	44.0	44.1	44.1	44.1
≥ 14000		36.6	36.6	38.8	40.9	41.3	44.0	44.2	44.3	44.4	44.5	44.6	44.7	44.7	44.7
≥ 12000		37.0	37.0	40.1	42.2	42.8	45.5	45.7	45.8	45.9	46.0	46.1	46.2	46.2	46.2
≥ 10000		39.4	39.4	42.4	44.6	45.2	47.2	48.0	48.2	48.3	48.4	48.5	48.6	48.7	48.7
≥ 9000		40.1	40.1	43.2	46.1	46.8	48.4	49.1	49.4	49.5	49.6	49.7	49.8	49.9	49.9
≥ 8000		42.6	42.6	45.4	48.2	48.9	50.5	51.3	51.5	51.6	51.7	51.8	51.9	52.0	52.0
≥ 7000		44.7	44.7	47.5	50.6	51.0	52.0	53.3	54.0	54.1	54.2	54.3	54.4	54.5	54.5
≥ 6000		45.4	45.4	48.2	51.3	51.8	53.7	54.4	54.6	54.7	54.8	55.0	55.1	55.2	55.2
≥ 5000		46.0	46.0	49.0	52.2	52.8	54.8	55.7	55.9	56.0	56.1	56.3	56.4	56.5	56.5
≥ 4500		48.0	48.0	50.9	54.2	54.8	56.7	57.4	57.7	57.8	57.9	58.1	58.2	58.4	58.4
≥ 4000		50.8	50.8	53.8	57.0	57.3	59.7	60.5	60.7	60.8	60.9	61.0	61.1	61.2	61.2
≥ 3500		53.2	53.2	56.1	59.7	60.0	62.4	63.1	63.4	63.5	63.6	63.7	63.8	63.9	63.9
≥ 3000		56.4	56.4	59.5	63.4	63.8	66.2	66.8	66.9	67.0	67.1	67.2	67.3	67.3	67.3
≥ 2500		58.6	58.6	62.0	65.9	66.3	68.8	69.3	69.4	69.5	69.6	69.7	69.8	69.8	69.8
≥ 2000		61.9	61.9	65.3	69.2	69.5	72.0	72.8	73.1	73.2	73.3	73.4	73.5	73.6	73.6
≥ 1800		62.4	62.4	66.3	70.2	70.5	73.1	73.9	74.1	74.2	74.4	74.5	74.6	74.7	74.7
≥ 1500		64.4	64.4	68.0	72.1	72.3	75.1	76.2	76.4	76.5	76.6	76.7	76.8	76.9	76.9
≥ 1200		65.5	65.5	69.5	73.6	73.9	76.8	78.1	78.3	78.4	78.6	78.7	78.8	78.9	78.9
≥ 1000		65.5	65.5	70.4	74.9	75.2	78.1	79.8	80.1	80.3	80.4	80.5	80.6	80.7	80.7
≥ 900		66.5	66.5	70.9	75.4	75.8	79.0	80.4	80.6	80.8	80.9	81.0	81.1	81.3	81.3
≥ 800		67.1	67.1	71.9	76.3	76.8	80.1	81.6	81.8	82.0	82.2	82.3	82.4	82.5	82.5
≥ 700		67.6	67.6	72.3	77.0	77.4	81.0	82.5	82.8	83.2	83.4	83.5	83.6	83.7	83.7
≥ 600		67.8	67.8	72.6	77.7	78.0	82.0	83.5	83.7	84.2	84.4	84.5	84.6	84.7	84.7
≥ 500		68.1	68.1	73.2	78.3	78.7	82.8	84.3	84.6	85.1	85.3	85.5	85.6	85.8	85.8
≥ 400		68.4	68.4	73.6	79.2	79.5	83.8	85.9	86.3	87.4	87.7	87.9	88.0	88.3	88.4
≥ 300		68.5	68.5	73.9	80.0	80.3	85.7	88.1	89.1	90.2	90.5	90.6	90.8	91.2	91.4
≥ 200		68.2	68.2	73.9	80.3	80.7	86.1	89.0	90.2	91.5	91.9	92.1	92.3	92.8	93.0
≥ 100		68.5	68.5	73.9	80.3	80.6	86.2	89.1	90.3	91.8	92.2	93.0	93.3	94.4	95.3
0		68.5	68.5	73.9	80.3	80.6	86.2	89.1	90.4	91.9	92.3	93.1	93.6	94.6	95.6
															100.0

TOTAL NUMBER OF OBSERVATIONS 925

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34033 STATION | HAHN AFB/HESSISCH OLDENDORF GERMANY STATION NAME | 67-71 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0001-2400 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥½	≥5/16	≥¼	≥0
NO CEILING		26.9	27.7	31.4	33.4	33.4	36.8	36.9	37.7	38.3	38.4	38.4	38.4	38.4	38.5
≥ 20000		30.1	31.4	35.4	37.5	37.7	41.9	42.3	42.1	43.0	44.1	44.1	44.1	44.2	44.5
≥ 18000		30.4	31.7	35.7	37.8	38.1	42.2	42.6	43.4	44.1	44.3	44.3	44.3	44.3	44.6
≥ 16000		30.4	31.8	35.8	38.0	38.2	42.3	42.7	43.5	44.2	44.4	44.4	44.4	44.4	44.7
≥ 14000		30.9	32.3	36.2	38.4	38.6	42.7	43.1	44.0	44.8	44.9	44.9	44.9	44.9	45.2
≥ 12000		31.4	33.0	37.0	39.1	39.4	43.5	43.9	44.7	45.4	45.6	45.6	45.6	45.6	45.9
≥ 10000		32.2	33.5	37.5	39.7	40.0	44.1	44.5	45.4	46.0	46.2	46.2	46.2	46.2	46.7
≥ 9000		32.5	33.9	38.1	40.3	40.6	44.9	45.3	46.1	46.8	47.0	47.0	47.0	47.0	47.4
≥ 8000		34.3	35.7	40.0	42.2	42.4	46.6	46.0	48.0	48.8	49.0	49.0	49.0	49.0	49.4
≥ 7000		35.7	37.2	41.5	43.7	43.9	48.2	48.6	49.6	50.4	50.6	50.6	50.6	50.6	51.1
≥ 6000		37.1	38.6	42.9	45.2	45.4	49.7	50.1	51.3	52.2	52.4	52.4	52.4	52.4	52.9
≥ 5000		38.7	40.2	44.5	46.8	47.0	51.4	51.8	53.0	54.0	54.2	54.2	54.2	54.2	54.7
≥ 4500		39.8	41.3	45.7	48.0	48.2	52.7	53.1	54.3	55.3	55.5	55.5	55.5	55.5	56.0
≥ 4000		41.1	42.6	47.0	49.4	49.6	54.2	54.6	55.8	56.8	57.0	57.0	57.0	57.0	57.5
≥ 3500		44.2	45.7	50.6	53.0	53.2	57.8	58.2	59.4	60.4	60.6	60.6	60.6	60.6	61.1
≥ 3000		45.7	47.3	52.3	54.8	55.0	59.7	60.1	61.4	62.4	62.6	62.6	62.6	62.6	63.1
≥ 2500		47.7	49.4	54.5	57.0	57.2	62.0	62.4	63.7	64.7	64.9	64.9	64.9	64.9	65.4
≥ 2000		49.2	51.0	56.3	58.8	59.0	63.9	64.3	65.6	66.6	66.8	66.8	66.8	66.8	67.3
≥ 1800		51.0	52.9	58.3	60.8	61.0	66.0	66.4	67.7	68.7	68.9	68.9	68.9	68.9	69.4
≥ 1500		52.4	54.3	59.7	62.3	62.5	67.6	68.0	69.3	70.3	70.5	70.5	70.5	70.5	71.0
≥ 1200		53.9	56.0	61.4	64.0	64.2	69.4	69.8	71.1	72.1	72.3	72.3	72.3	72.3	72.8
≥ 1000		54.8	57.1	62.9	65.5	65.7	71.0	71.4	72.7	73.7	73.9	73.9	73.9	73.9	74.4
≥ 900		54.9	57.2	63.2	65.8	66.0	71.3	71.7	73.0	74.0	74.2	74.2	74.2	74.2	74.7
≥ 800		55.3	57.5	63.7	66.3	66.5	71.8	72.2	73.5	74.5	74.7	74.7	74.7	74.7	75.2
≥ 700		55.5	57.7	64.0	66.6	66.8	72.1	72.5	73.8	74.8	75.0	75.0	75.0	75.0	75.5
≥ 600		55.8	58.3	64.8	67.4	67.6	72.9	73.3	74.6	75.6	75.8	75.8	75.8	75.8	76.3
≥ 500		56.0	59.1	65.9	68.5	68.7	74.1	74.5	75.8	76.8	77.0	77.0	77.0	77.0	77.5
≥ 400		56.3	59.6	66.6	69.2	69.4	74.8	75.2	76.5	77.5	77.7	77.7	77.7	77.7	78.2
≥ 300		56.7	60.0	67.5	70.1	70.3	75.8	76.2	77.5	78.5	78.7	78.7	78.7	78.7	79.2
≥ 200		56.7	60.0	67.5	70.1	70.3	75.8	76.2	77.5	78.5	78.7	78.7	78.7	78.7	79.2
≥ 100		56.7	60.0	67.5	70.1	70.3	75.8	76.2	77.5	78.5	78.7	78.7	78.7	78.7	79.2
≥ 0		56.7	60.0	67.5	70.1	70.3	75.8	76.2	77.5	78.5	78.7	78.7	78.7	78.7	79.2

TOTAL NUMBER OF OBSERVATIONS 930

C

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

24053 (STATION) BAD KREUZNACH/HUTTENBERG GERMANY (STATION NAME) 8-77 (YEARS) (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(HOURS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING		29.4	30.2	31.8	33.2	33.3	37.2	37.8	38.1	38.6	38.8	39.2	39.8	40.0	40.2
≥ 20000		31.3	31.9	34.1	35.3	35.6	39.7	40.8	41.2	41.9	42.1	42.5	42.9	43.2	43.5
≥ 18000		31.7	32.4	34.4	35.4	35.7	39.8	41.2	41.6	42.3	42.5	42.8	43.2	43.5	43.8
≥ 16000		31.7	32.4	34.4	35.4	35.7	39.8	41.2	41.6	42.3	42.5	42.8	43.2	43.5	43.8
≥ 14000		31.9	32.6	34.5	36.1	36.1	39.9	41.3	41.7	42.4	42.6	42.9	43.2	43.5	43.8
≥ 12000		32.0	32.7	35.1	36.7	36.8	40.1	42.0	42.4	43.0	43.2	43.5	44.1	44.4	44.7
≥ 10000		32.6	33.2	35.5	37.2	37.3	40.7	42.5	42.9	43.6	43.8	44.1	44.7	45.1	45.4
≥ 9000		32.8	33.4	35.8	37.5	37.6	40.9	42.8	43.2	44.0	44.2	44.5	45.1	45.4	45.7
≥ 8000		34.9	35.6	38.3	40.2	40.3	44.2	46.1	46.6	47.2	47.5	47.9	48.4	48.9	49.2
≥ 7000		35.0	35.8	38.6	40.5	40.6	44.5	46.4	46.9	47.5	47.8	48.2	48.7	49.2	49.5
≥ 6000		36.6	37.4	40.2	42.2	42.3	46.3	48.2	48.8	49.5	49.8	50.2	50.7	51.2	51.5
≥ 5000		37.9	38.8	41.8	43.8	44.1	48.2	49.5	50.1	50.8	51.1	51.5	52.0	52.5	52.8
≥ 4500		38.4	39.3	42.1	44.2	44.5	48.4	50.6	51.3	52.1	52.4	52.7	53.3	53.8	54.1
≥ 4000		40.5	41.3	44.2	46.4	46.7	50.8	53.1	53.8	54.6	54.9	55.3	55.8	56.3	56.6
≥ 3500		43.3	44.4	47.5	50.3	50.7	55.3	56.5	57.3	58.0	58.4	58.7	59.2	59.8	60.1
≥ 3000		44.8	45.7	48.9	51.8	52.2	56.9	57.8	58.6	59.3	59.7	60.1	60.5	61.1	61.4
≥ 2500		46.4	47.4	50.5	53.7	53.9	58.8	60.1	60.8	61.6	61.9	62.3	62.8	63.3	63.6
≥ 2000		47.7	48.8	52.3	55.7	55.9	60.8	62.0	62.8	63.6	64.1	64.5	64.9	65.4	65.7
≥ 1800		48.7	49.7	53.5	57.1	57.3	61.3	63.5	64.3	65.2	65.5	65.9	66.3	66.9	67.2
≥ 1500		50.1	51.1	55.3	59.1	59.2	63.6	65.9	66.7	67.5	67.9	68.3	68.7	69.3	69.6
≥ 1200		52.3	53.4	57.8	61.7	61.9	66.5	68.7	69.5	70.6	70.9	71.3	71.8	72.4	72.8
≥ 1000		53.3	54.4	58.9	63.0	63.2	67.9	70.1	70.9	72.0	72.3	72.6	73.2	73.8	74.1
≥ 900		53.7	54.8	59.3	63.5	63.8	68.4	70.7	71.4	72.6	72.9	73.3	73.9	74.4	74.8
≥ 800		54.8	56.2	60.4	65.2	65.4	70.1	72.4	73.1	74.3	74.6	75.1	75.6	76.2	76.6
≥ 700		55.0	56.5	60.7	65.7	65.9	70.7	72.9	73.7	74.9	75.2	75.6	76.2	76.7	77.1
≥ 600		55.3	57.1	61.4	66.4	66.7	71.7	74.1	74.9	76.1	76.4	76.7	77.3	77.9	78.3
≥ 500		55.9	57.7	62.5	67.9	68.2	73.5	75.8	76.8	78.1	78.4	78.7	79.4	79.9	80.2
≥ 400		55.9	57.9	62.8	68.8	69.1	74.0	77.3	78.4	79.7	80.4	80.9	81.4	82.1	82.4
≥ 300		56.1	58.0	63.3	69.7	70.0	75.9	78.3	79.6	81.7	82.4	82.9	83.5	84.5	84.9
≥ 200		56.1	58.0	63.3	70.1	70.4	77.2	80.3	81.7	84.1	85.1	85.7	86.4	87.6	87.8
≥ 100		56.2	58.1	63.5	70.6	70.9	78.0	81.0	82.6	85.4	86.9	87.7	88.5	90.6	91.1
0		56.2	58.1	63.5	70.6	70.9	78.0	81.0	82.6	85.4	86.9	87.7	88.5	91.2	91.9

TOTAL NUMBER OF OBSERVATIONS 927

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34025 | PARIS AB/HEUSDEN, GERMANY | 58-67 | | |
STATION NUMBER | STATION NAME | YEARS | | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		23.9	24.9	26.7	28.5	29.9	30.7	31.8	32.4	33.1	33.3	33.4	33.7	34.0	34.4
≥ 20000		24.9	28.1	30.4	32.2	32.7	33.7	35.3	36.3	37.4	37.6	37.8	38.0	38.3	38.8
≥ 18000		27.1	28.4	30.9	32.7	33.0	33.9	35.3	36.9	37.6	37.8	38.1	38.2	38.6	39.0
≥ 16000		27.2	28.4	30.7	33.0	33.1	34.1	35.4	37.0	37.8	38.0	38.2	38.5	38.8	39.2
≥ 14000		27.4	28.6	31.0	33.2	33.4	34.4	35.8	37.3	38.1	38.3	38.6	38.9	39.1	39.5
≥ 12000		27.9	29.2	31.6	34.0	34.1	35.1	37.4	38.3	39.2	39.4	39.7	39.9	40.2	40.6
≥ 10000		28.6	29.9	32.4	34.9	35.0	36.0	38.3	39.9	39.7	40.0	40.2	40.4	40.8	41.2
≥ 9000		28.1	30.4	33.0	35.5	35.6	36.6	39.0	39.6	40.4	40.7	40.9	41.1	41.5	41.9
≥ 8000		30.1	31.5	34.2	37.1	37.2	38.3	40.8	41.4	42.2	42.4	42.7	42.9	43.3	43.7
≥ 7000		31.1	32.4	35.3	38.2	38.4	39.5	42.0	42.6	43.4	43.7	43.9	44.2	44.5	44.9
≥ 6000		31.7	33.4	36.0	38.9	39.0	40.2	42.7	43.3	44.1	44.4	44.6	44.9	45.2	45.6
≥ 5000		32.7	34.3	37.1	40.2	40.3	41.5	44.3	44.7	45.5	45.8	46.0	46.3	46.6	47.0
≥ 4500		33.5	35.4	38.0	41.2	41.3	42.6	45.2	45.8	46.7	47.0	47.2	47.4	47.8	48.1
≥ 4000		34.2	36.0	39.2	43.1	43.2	44.6	47.2	47.9	48.8	49.1	49.3	49.6	50.0	50.4
≥ 3500		37.0	38.7	41.8	45.8	45.9	47.3	49.4	50.2	51.1	51.3	51.4	51.9	52.2	52.5
≥ 3000		38.7	40.7	43.8	47.8	47.9	49.3	51.6	52.3	53.2	53.3	53.5	54.1	54.5	54.7
≥ 2500		40.8	42.8	45.9	49.9	49.7	51.3	54.0	54.7	55.7	56.0	56.2	56.5	56.9	57.2
≥ 2000		42.7	44.7	48.2	52.1	52.3	53.9	56.7	57.4	58.5	58.8	59.1	59.3	59.7	60.1
≥ 1800		43.5	45.6	49.1	53.0	53.3	54.8	57.8	58.5	59.6	59.9	60.1	60.4	60.8	61.2
≥ 1500		45.4	47.6	51.3	55.4	55.7	57.3	60.4	61.2	62.3	62.7	62.9	63.2	63.6	64.0
≥ 1200		47.5	49.9	53.8	58.1	58.4	60.1	63.5	64.2	65.4	65.7	66.0	66.3	66.7	67.1
≥ 1000		48.9	51.5	55.6	60.2	60.5	62.3	65.7	66.6	67.8	68.1	68.3	68.6	69.0	69.4
≥ 900		49.5	52.1	56.2	60.9	61.2	63.0	66.5	67.3	68.5	68.9	69.1	69.4	69.8	70.1
≥ 800		50.4	53.2	57.5	62.5	62.8	64.6	68.1	69.0	70.2	70.6	70.9	71.1	71.5	71.9
≥ 700		50.7	53.6	58.1	63.3	63.6	65.4	69.1	70.0	71.2	71.6	71.9	72.1	72.5	72.9
≥ 600		51.4	54.5	59.1	64.6	65.1	66.8	70.8	71.7	73.1	73.4	73.7	74.0	74.4	74.8
≥ 500		52.1	55.3	60.3	66.2	66.7	68.5	72.9	73.9	75.5	75.9	76.1	76.4	76.9	77.3
≥ 400		52.3	55.7	60.9	67.3	67.9	69.7	74.9	76.1	77.8	78.2	78.5	78.8	79.3	79.8
≥ 300		52.5	56.0	61.5	68.4	69.0	70.8	77.0	78.4	80.6	81.1	81.4	81.8	82.4	82.9
≥ 200		52.6	56.2	61.7	68.9	69.5	71.5	78.2	80.1	83.0	83.7	84.1	84.6	86.0	86.6
≥ 100		52.7	56.2	61.9	69.1	69.7	71.8	78.9	80.9	84.3	85.3	86.1	87.1	89.3	90.9
≥ 0		52.7	56.2	61.9	69.1	69.7	71.8	78.9	81.0	84.3	85.4	86.1	87.2	89.6	91.5

TOTAL NUMBER OF OBSERVATIONS 7429

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ MAC

3

CEILING VERSUS VISIBILITY

34052 STATION | [illegible] AB/[illegible] STATION NAME | 1967 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400 - 2200 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	17.9	18.9	19.8	21.3	21.3	22.3	22.7	22.7	23.3	23.7	23.9	23.7	23.9	24.1	24.7
≥ 20000	18.7	19.6	20.5	22.1	22.3	23.9	24.1	24.1	24.6	24.7	24.9	25.1	25.3	25.4	25.9
≥ 18000	18.9	19.7	20.4	22.0	22.2	23.8	24.0	24.0	24.6	25.2	25.4	25.6	25.8	26.1	26.8
≥ 6000	19.2	19.9	21.1	22.7	22.7	24.3	24.6	24.7	25.3	25.9	26.1	26.2	26.4	26.9	27.6
≥ 14000	19.3	19.9	21.2	22.8	22.8	24.4	24.9	24.9	25.5	26.0	26.2	26.4	26.6	27.1	27.8
≥ 12000	19.5	20.2	21.4	23.1	23.1	24.7	25.2	25.2	25.7	26.3	26.5	26.7	26.9	27.4	28.1
≥ 10000	20.9	21.6	22.9	24.6	24.6	26.2	26.7	26.7	27.3	27.9	28.1	28.3	28.5	29.0	29.7
≥ 9000	20.9	21.7	23.0	24.7	24.7	26.3	26.8	26.8	27.4	28.0	28.2	28.4	28.6	29.1	29.8
≥ 8000	21.7	22.5	23.7	25.5	25.5	27.1	27.6	27.6	28.2	28.8	29.0	29.2	29.4	29.9	30.6
≥ 7000	21.8	22.6	23.8	25.6	25.6	27.2	27.7	27.7	28.3	28.9	29.1	29.3	29.5	30.0	30.7
≥ 6000	22.7	23.5	24.7	26.5	26.5	28.1	28.6	28.6	29.2	29.8	30.0	30.2	30.4	30.9	31.6
≥ 5000	24.3	25.2	26.5	28.4	28.4	30.0	30.6	30.6	31.2	31.8	32.0	32.2	32.4	32.9	33.6
≥ 4500	24.4	25.3	27.3	29.3	29.3	31.0	31.5	31.5	32.1	32.7	32.9	33.1	33.3	33.8	34.5
≥ 4000	24.9	28.4	29.7	32.5	32.2	34.0	34.5	34.5	35.3	35.9	36.1	36.3	36.5	37.0	37.7
≥ 3500	28.7	30.0	31.3	34.1	34.2	36.3	36.5	36.6	37.5	38.1	38.3	38.5	38.7	39.2	39.9
≥ 3000	31.2	32.5	34.1	37.2	37.3	39.5	40.1	40.2	41.2	41.8	42.0	42.2	42.4	42.9	43.7
≥ 2500	33.9	35.3	36.6	40.5	40.6	43.3	43.5	43.7	44.7	45.3	45.5	45.7	45.9	46.4	47.2
≥ 2200	35.9	37.4	39.8	43.9	44.0	46.7	46.9	47.3	48.0	48.6	48.8	49.0	49.2	49.7	50.5
≥ 1800	39.1	39.6	41.5	46.1	46.2	48.9	49.1	49.2	50.2	50.8	51.0	51.2	51.4	51.9	52.7
≥ 1500	41.9	43.5	45.4	50.3	50.4	53.1	53.5	53.6	54.6	55.2	55.4	55.6	55.8	56.3	57.1
≥ 1200	45.4	47.0	49.8	55.1	55.1	57.9	58.2	58.4	59.4	59.8	59.9	60.1	60.3	60.8	61.6
≥ 1000	47.6	49.7	51.9	57.1	57.2	60.2	60.6	60.9	61.9	62.3	62.5	62.6	62.9	63.4	64.3
≥ 900	48.8	50.9	53.8	59.1	59.1	62.1	62.5	62.8	63.8	63.9	64.1	64.3	64.5	65.0	65.9
≥ 800	50.4	53.2	56.3	61.9	61.9	64.9	65.4	65.7	66.7	66.8	66.9	67.1	67.4	67.9	68.7
≥ 700	51.9	54.5	57.9	63.1	63.3	66.5	66.9	67.4	68.4	68.5	68.6	68.8	69.0	69.6	70.4
≥ 600	51.9	55.0	58.4	64.9	65.0	68.5	68.9	69.5	70.5	70.6	70.7	71.2	71.5	71.7	72.5
≥ 500	53.9	57.1	60.9	68.7	68.9	72.7	73.5	74.1	75.2	75.4	75.5	75.9	76.3	76.5	77.3
≥ 400	54.9	57.8	62.1	71.2	71.4	75.5	76.6	77.2	78.3	78.5	78.6	79.1	79.4	79.9	80.7
≥ 300	55.3	58.6	63.0	72.7	73.1	77.2	79.8	80.7	82.2	82.4	82.9	83.2	83.5	83.7	84.5
≥ 200	55.4	58.6	63.1	73.1	73.4	77.2	81.3	82.9	85.1	85.2	85.7	87.0	88.0	88.6	89.5
≥ 100	55.3	58.7	63.3	73.5	73.8	77.7	82.3	84.0	87.0	87.6	88.2	89.5	91.4	92.3	96.1
≥ 0	55.3	58.7	63.3	73.5	73.8	77.7	82.3	84.0	87.0	87.6	88.4	89.5	92.2	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS 898

C

USAF ETAC FORM NO. 64 0-1-65 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34055 Hahn AB/Pirmasens, Germany 1977

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

Jan-Dec

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	25/16	≥0
NO CEILING		15.7	16.5	17.4	18.2	18.7	19.2	19.5	19.6	20.2	20.4	20.4	20.6	20.7	21.2	21.4
≥ 20000		16.7	17.5	19.1	19.2	19.7	20.2	20.5	21.0	21.5	21.6	21.7	22.0	22.1	22.6	22.8
≥ 18000		16.9	17.8	19.5	19.6	20.1	20.7	21.2	21.8	21.9	22.2	22.3	22.5	22.6	23.2	23.3
≥ 6000		17.5	18.5	20.0	20.2	20.7	21.4	21.9	22.0	22.5	22.6	22.7	23.0	23.1	23.7	23.8
≥ 14000		17.6	18.7	20.2	20.4	21.0	21.6	22.1	22.2	22.7	22.8	23.1	23.2	23.3	23.9	24.0
≥ 12000		17.9	19.1	20.5	21.1	21.3	22.0	22.4	22.5	23.1	23.2	23.5	23.6	23.7	24.3	24.4
≥ 10000		17.9	19.1	20.5	21.1	21.3	22.0	22.4	22.5	23.1	23.2	23.5	23.6	23.7	24.3	24.4
≥ 9000		17.9	19.2	20.6	21.2	21.4	22.1	22.5	22.6	23.2	23.3	23.6	23.7	23.8	24.4	24.5
≥ 8000		18.3	19.5	21.0	21.6	21.7	22.4	22.9	23.0	23.5	23.6	23.9	24.0	24.1	24.8	24.9
≥ 7000		18.9	20.1	21.5	22.1	22.3	23.0	23.4	23.5	24.1	24.2	24.5	24.6	24.7	25.4	25.5
≥ 6000		19.1	20.3	21.7	22.4	22.6	23.3	23.9	24.0	24.5	24.6	24.9	25.0	25.1	25.8	25.9
≥ 5000		19.7	21.0	22.5	23.2	23.4	24.1	24.6	24.7	25.3	25.4	25.8	25.9	26.0	26.8	26.9
≥ 4500		20.4	21.8	23.2	23.9	24.1	24.9	25.4	25.5	26.1	26.2	26.5	26.6	26.7	27.5	27.6
≥ 4000		23.6	24.7	26.3	27.3	27.5	28.4	29.0	29.1	29.7	29.8	30.1	30.2	30.3	31.1	31.2
≥ 3500		25.3	26.6	28.3	29.3	29.5	30.4	31.0	31.1	31.8	31.9	32.2	32.3	32.4	33.2	33.3
≥ 3000		27.9	29.2	31.1	32.4	32.7	33.7	34.2	34.7	35.3	35.5	35.8	35.9	36.0	36.8	36.9
≥ 2500		30.9	32.2	34.1	35.6	35.8	36.9	37.5	38.0	38.8	39.0	39.1	39.4	39.5	39.9	40.0
≥ 2000		33.6	34.9	37.1	39.1	39.4	40.7	41.5	42.1	42.9	43.1	43.3	43.5	43.6	44.0	44.1
≥ 1800		34.3	35.7	38.4	40.4	40.8	42.1	42.9	43.4	44.1	44.4	44.6	44.7	44.8	45.3	45.4
≥ 1500		36.5	37.8	40.8	42.8	43.1	44.6	45.4	46.0	46.8	47.0	47.2	47.4	47.5	47.9	48.0
≥ 1200		40.4	41.8	45.2	47.6	47.9	49.6	50.4	51.1	51.8	52.1	52.2	52.4	52.5	53.0	53.1
≥ 1000		42.8	44.4	47.8	50.4	50.7	52.6	53.4	54.2	55.0	55.3	55.4	55.6	55.9	56.3	56.4
≥ 900		43.3	45.3	49.4	52.3	52.3	54.2	55.0	55.7	56.5	56.8	57.1	57.2	57.4	57.9	58.0
≥ 800		45.3	47.4	52.1	55.0	55.3	57.5	58.3	59.1	60.0	60.3	60.4	60.6	60.9	61.3	61.4
≥ 700		46.6	48.9	54.0	57.2	57.6	59.9	60.8	61.6	62.5	62.9	63.1	63.2	63.4	63.9	64.0
≥ 600		47.8	50.4	56.1	60.3	60.8	63.1	64.7	65.6	66.4	66.8	66.9	67.1	67.4	67.9	68.0
≥ 500		49.3	52.2	58.1	63.0	63.4	66.4	67.8	68.7	69.7	70.0	70.2	70.5	70.8	71.2	71.3
≥ 400		49.7	52.9	59.3	65.1	65.6	69.2	70.7	71.8	72.6	72.9	73.1	73.4	73.7	74.2	74.3
≥ 300		50.1	53.4	60.2	67.1	68.2	72.8	74.9	76.9	78.5	78.9	79.2	79.6	80.6	81.3	81.6
≥ 200		50.3	53.6	60.4	68.0	68.9	74.4	77.1	79.4	81.5	82.2	82.5	83.4	85.1	85.7	86.0
≥ 100		50.3	53.6	60.5	68.3	68.9	74.4	77.8	80.3	83.1	83.9	84.7	86.1	88.9	90.4	90.8
≥ 0		50.3	53.6	60.5	68.3	68.9	74.4	77.8	80.3	83.1	83.9	84.7	86.4	89.3	91.4	92.0

TOTAL NUMBER OF OBSERVATIONS 897

USAF ETAC FORM AA 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF PROJECT RAND
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

64023 — [illegible] AB/AD BEVOK GERMANY — 5-7 YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING		11.4	12.4	12.9	13.4	13.7	14.0	14.8	15.1	15.3	15.4	15.7	15.8	15.9	15.9
≥ 20000		12.4	13.7	14.2	14.4	15.1	15.0	15.2	15.7	15.9	17.1	17.1	17.2	17.3	17.3
≥ 15000		12.4	13.4	14.4	15.1	15.2	15.2	16.4	17.0	17.2	17.3	17.4	17.5	17.5	17.5
≥ 10000		12.9	14.1	14.7	15.3	15.4	15.4	16.7	17.2	17.4	17.5	17.7	17.8	18.1	18.1
≥ 8000		13.7	15.0	15.6	16.2	16.3	16.4	17.7	18.2	18.6	18.7	18.7	18.8	19.2	19.2
≥ 7000		14.0	15.0	16.2	16.8	17.0	17.2	18.4	19.0	19.4	19.5	19.7	19.8	20.1	20.1
≥ 6000		14.1	15.7	16.5	17.1	17.2	17.4	18.7	19.2	19.7	19.8	19.9	20.0	20.3	20.3
≥ 5000		14.9	16.3	17.0	17.5	17.9	18.1	19.3	19.9	20.3	20.4	20.7	20.7	21.1	21.1
≥ 4500		15.9	17.3	18.0	18.6	18.9	19.1	20.4	21.0	21.4	21.5	21.7	21.8	22.2	22.2
≥ 4000		16.2	17.8	18.4	19.0	19.4	19.7	21.0	21.6	22.0	22.1	22.3	22.3	22.7	22.7
≥ 3500		17.4	18.8	19.4	19.8	19.8	20.0	21.3	21.9	22.3	22.4	22.6	22.7	23.1	23.1
≥ 3000		17.4	19.1	19.9	20.4	20.9	21.2	22.7	23.3	23.8	24.0	24.1	24.2	24.7	24.7
≥ 2500		18.7	19.7	20.4	21.3	21.4	22.8	23.2	23.9	24.3	24.5	24.7	24.8	25.3	25.3
≥ 2000		19.7	21.4	22.0	23.1	23.7	24.0	25.4	26.1	26.6	26.8	26.9	27.0	27.5	27.5
≥ 1800		20.7	22.0	23.4	24.4	24.6	25.9	26.3	27.0	27.4	27.7	27.8	27.9	28.6	28.6
≥ 1500		23.4	25.4	26.7	27.9	28.1	29.3	29.8	30.6	31.0	31.2	31.3	31.4	32.1	32.1
≥ 1200		24.4	26.0	27.4	29.1	29.4	31.0	31.6	32.3	32.8	33.0	33.2	33.3	34.1	34.1
≥ 1000		25.7	30.4	31.8	33.4	33.8	35.6	36.2	37.2	37.9	38.1	38.4	38.5	39.2	39.2
≥ 900		28.4	31.4	33.1	34.9	35.0	37.0	37.7	38.8	39.4	39.7	40.1	40.1	40.8	40.8
≥ 800		32.3	34.8	36.4	38.1	38.8	40.9	41.6	42.7	43.3	43.6	44.1	44.2	44.9	44.9
≥ 700		35.1	38.9	40.3	43.1	43.2	45.3	46.0	47.1	47.8	48.2	48.4	48.7	49.3	49.3
≥ 600		38.2	41.1	43.1	45.8	45.9	48.1	48.9	49.9	50.6	51.0	51.3	51.4	52.2	52.2
≥ 500		39.9	42.8	45.3	48.2	48.3	50.7	51.3	52.4	53.1	53.5	53.9	54.0	54.8	54.8
≥ 400		41.3	44.7	47.3	50.4	51.0	53.4	54.3	55.4	56.2	56.7	57.1	57.2	57.9	57.9
≥ 300		42.9	46.4	49.3	53.4	53.6	56.2	57.4	58.6	59.3	59.8	60.1	60.2	61.0	61.0
≥ 200		44.3	47.9	51.4	56.1	56.2	58.1	60.4	61.7	62.4	62.8	63.1	63.2	64.2	64.2
≥ 100		46.3	50.0	54.1	59.6	59.9	63.3	65.0	66.3	67.2	67.7	68.1	68.2	69.0	69.0
≥ 0		47.5	51.3	55.9	62.6	62.2	66.9	68.7	70.0	71.0	71.4	71.9	72.0	72.8	72.8
		48.1	52.2	57.1	64.2	64.4	70.3	72.7	74.1	75.7	76.2	76.7	77.0	77.9	77.9
		48.3	52.4	57.4	65.0	65.4	72.2	75.0	77.6	79.7	80.7	81.7	82.0	82.9	84.4
		49.3	52.4	57.4	65.0	65.4	72.3	75.2	78.1	80.7	82.0	82.9	84.0	87.0	89.0
		49.3	52.4	57.4	65.0	65.4	72.4	75.3	78.2	80.8	82.1	82.9	84.1	87.2	89.4

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

3402E [illegible] AF/MO STOCK NUMBER [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0 & < ¼	≥ 0
NO CEILING		12.3	13.2	14.2	15.0	15.6	15.8	16.0	16.4	16.4	16.6	16.7	16.7	16.7	16.7
≥ 20000		14.1	15.1	16.2	17.2	17.7	17.9	18.4	18.5	18.6	18.6	18.7	18.8	18.9	18.9
≥ 8000		14.9	15.9	17.1	18.2	19.0	19.1	19.2	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 6000		15.9	16.9	17.1	18.4	19.3	19.2	19.4	19.3	19.5	19.5	19.5	19.5	19.5	19.5
≥ 4000		15.9	16.9	18.1	19.2	19.5	19.7	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 3000		16.9	17.9	18.7	20.1	20.1	20.3	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1
≥ 3000		17.5	18.5	19.9	21.3	21.6	21.8	22.5	22.8	22.9	22.9	22.9	22.9	22.9	22.9
≥ 2500		18.9	19.8	20.8	22.2	22.2	22.4	23.3	23.7	23.8	24.0	24.0	24.0	24.0	24.0
≥ 2000		19.1	20.2	21.2	22.6	23.4	23.6	24.2	24.4	24.5	24.7	24.7	24.8	25.0	25.0
≥ 1800		20.1	21.3	22.3	24.1	24.6	24.8	25.5	25.8	25.9	26.1	26.1	26.2	26.2	26.2
≥ 1500		21.7	22.1	23.2	25.1	25.4	25.6	26.3	26.4	26.5	26.7	26.7	26.9	27.0	27.0
≥ 1200		21.1	22.0	23.2	25.2	25.7	25.9	26.7	26.8	26.9	27.1	27.1	27.2	27.3	27.3
≥ 1000		21.6	23.0	24.4	26.3	26.8	27.1	27.4	27.5	27.5	27.6	27.6	27.8	27.9	27.9
≥ 900		22.9	23.9	25.3	27.2	27.6	28.0	28.4	28.5	28.6	28.8	28.8	29.1	29.2	29.2
≥ 800		23.9	25.4	26.7	28.6	29.0	29.7	30.0	30.1	30.3	30.5	30.6	30.8	31.0	31.0
≥ 700		24.8	26.4	27.9	30.0	30.0	31.3	31.6	31.7	31.9	32.1	32.1	32.4	32.6	32.6
≥ 600		25.5	28.0	29.8	32.0	32.3	33.5	33.9	34.0	34.1	34.4	34.5	34.7	35.0	35.0
≥ 500		30.4	32.3	33.9	36.3	36.3	37.7	38.3	38.5	38.7	38.9	39.1	39.3	39.6	39.6
≥ 400		31.3	33.1	35.3	37.7	37.7	39.3	39.8	40.0	40.3	40.5	40.6	40.8	41.1	41.1
≥ 300		35.4	37.4	39.6	42.4	42.4	44.9	44.5	44.9	45.1	45.4	45.5	45.8	46.0	46.0
≥ 200		41.7	43.7	46.2	48.4	48.8	50.5	51.1	51.4	51.6	51.9	52.1	52.4	52.7	52.7
≥ 100		44.6	46.7	49.4	52.4	52.4	54.3	54.8	55.2	55.4	55.7	55.9	56.2	56.7	56.7
≥ 0		46.3	48.5	51.2	54.3	54.3	56.2	56.7	57.1	57.3	57.6	57.7	58.1	58.6	58.6
		48.7	50.9	53.7	56.8	56.8	58.4	60.0	60.3	60.7	61.1	61.2	61.6	62.1	62.1
		51.1	53.7	57.3	61.2	61.6	64.4	65.0	65.4	65.9	66.2	66.3	66.6	67.2	67.4
		52.5	55.4	59.4	64.6	64.7	68.5	69.2	69.6	70.3	70.6	70.7	71.1	71.7	72.0
		53.5	56.7	61.3	67.7	67.9	72.5	73.6	74.2	75.0	75.3	75.4	75.8	76.3	77.4
		53.7	57.1	62.1	68.7	68.9	74.2	75.9	76.3	77.3	78.1	78.1	78.4	79.1	79.3
		53.8	57.3	62.5	69.4	69.7	75.6	78.5	79.3	81.0	81.9	82.2	82.5	83.1	83.3
		53.8	57.3	62.5	70.0	70.3	77.0	80.1	81.3	83.2	84.2	84.5	85.1	85.9	86.2
		53.8	57.3	62.5	70.0	70.3	77.0	80.1	81.6	84.4	85.8	86.2	87.1	89.5	92.1
		53.8	57.4	62.7	70.1	70.4	77.1	80.2	81.8	84.5	86.1	86.4	87.3	89.9	92.6

TOTAL NUMBER OF OBSERVATIONS 899

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

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼
NO CEILING		13.4	14.1	14.4	15.4	15.9	16.8	17.8	18.8	19.1	19.6	20.2	20.2	20.2	20.2
≥ 20000		13.9	14.3	15.0	20.3	20.8	21.0	21.0	21.6	21.2	21.5	21.4	21.4	21.4	21.4
≥ 18000		14.9	16.0	19.1	20.4	20.9	21.2	21.3	21.8	21.9	21.9	21.9	21.9	21.9	21.9
≥ 16000		15.3	19.1	19.4	21.1	21.1	21.6	21.7	21.7	22.0	22.0	22.0	22.0	22.0	22.0
≥ 14000		19.7	19.7	20.1	21.4	21.7	22.3	22.4	22.4	22.6	22.6	22.6	22.6	22.6	22.6
≥ 12000		20.1	20.4	21.2	22.1	23.1	23.4	23.6	23.6	23.9	23.9	24.1	24.1	24.1	24.1
≥ 10000		21.7	22.3	22.9	24.4	24.7	25.3	25.4	25.6	25.6	25.8	25.9	25.9	25.9	25.9
≥ 9000		22.5	23.3	23.9	25.4	25.9	26.2	26.3	26.3	26.5	26.6	26.8	26.8	26.8	26.8
≥ 8000		23.9	24.4	24.9	26.4	26.9	27.3	27.4	27.4	27.6	27.8	27.9	27.9	27.9	27.9
≥ 7000		24.7	25.3	25.9	27.4	27.9	28.3	28.4	28.4	28.6	28.8	28.9	28.9	28.9	28.9
≥ 6000		25.7	26.3	26.9	28.4	28.9	29.3	29.4	29.4	29.6	29.8	29.9	29.9	29.9	29.9
≥ 5000		26.1	26.8	27.5	29.1	29.6	30.0	30.1	30.1	30.3	30.5	30.6	30.6	30.6	30.6
≥ 4500		26.7	27.3	27.9	29.5	30.0	30.4	30.5	30.5	30.7	30.9	31.0	31.0	31.0	31.0
≥ 4000		27.5	28.4	28.9	30.6	31.2	31.6	31.8	31.8	32.0	32.2	32.4	32.4	32.4	32.4
≥ 3500		29.7	30.8	31.4	33.1	33.8	34.2	34.4	34.6	34.9	35.1	35.2	35.2	35.2	35.2
≥ 3000		32.7	34.1	34.7	36.4	36.9	37.3	37.5	37.7	38.0	38.2	38.3	38.3	38.3	38.3
≥ 2500		36.3	37.7	38.3	40.1	41.4	41.8	42.0	42.2	42.5	42.7	42.8	42.8	42.8	42.8
≥ 2000		41.3	42.8	43.5	45.3	46.7	47.2	47.4	47.6	47.9	48.1	48.2	48.2	48.2	48.2
≥ 1800		43.5	44.9	45.7	47.6	49.1	49.6	49.8	50.0	50.3	50.5	50.6	50.6	50.6	50.6
≥ 1500		49.1	51.2	52.2	54.3	55.9	56.4	56.7	56.9	57.2	57.4	57.5	57.5	57.5	57.5
≥ 1200		56.1	57.8	58.8	60.9	62.5	63.0	63.2	63.4	63.7	63.9	64.0	64.0	64.0	64.0
≥ 1000		57.6	59.3	60.3	62.4	64.0	64.5	64.7	64.9	65.2	65.4	65.5	65.5	65.5	65.5
≥ 900		59.4	60.8	61.8	63.9	65.5	66.0	66.2	66.4	66.7	66.9	67.0	67.0	67.0	67.0
≥ 800		60.1	62.4	63.4	65.5	67.1	67.6	67.8	68.0	68.3	68.5	68.6	68.6	68.6	68.6
≥ 700		61.4	63.9	64.9	67.1	68.7	69.2	69.4	69.6	69.9	70.1	70.2	70.2	70.2	70.2
≥ 600		62.4	65.0	66.0	68.2	69.8	70.3	70.5	70.7	71.0	71.2	71.3	71.3	71.3	71.3
≥ 500		63.1	65.8	66.9	69.1	70.7	71.2	71.4	71.6	71.9	72.1	72.2	72.2	72.2	72.2
≥ 400		63.4	66.3	67.4	69.6	71.2	71.7	71.9	72.1	72.4	72.6	72.7	72.7	72.7	72.7
≥ 300		63.9	66.4	67.5	69.7	71.3	71.8	72.0	72.2	72.5	72.7	72.8	72.8	72.8	72.8
≥ 200		63.9	66.6	67.7	69.9	71.5	72.0	72.2	72.4	72.7	72.9	73.0	73.0	73.0	73.0
≥ 100		63.9	66.6	67.8	70.0	71.6	72.1	72.3	72.5	72.8	73.0	73.1	73.1	73.1	73.1
≥ 0		63.9	66.6	67.8	70.0	71.6	72.1	72.3	72.5	72.8	73.0	73.1	73.1	73.1	73.1

TOTAL NUMBER OF OBSERVATIONS 8217

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	10	9	8	7	6	5	4	3	2½	2	1½	1	¾	½	< ½
≥ 22000	27.4	33.4	18.2	19.3	20.3	1.1	0.4	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22000	27.4	33.4	22.6	23.4	23.5	0.2	4.0	24.7	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 15000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 12000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 10000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 9000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 8000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 7000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 6000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 5000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4500	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 4000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3500	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 3000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2500	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 2000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1800	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1600	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1400	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1200	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 1000	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 900	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 800	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 700	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 600	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 500	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 400	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 300	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 100	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 0	27.3	32.1	23.1	24.3	24.4	1.1	5.4	25.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 890

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

3

CEILING VERSUS VISIBILITY

46225 STATION | HILL AFB/[illegible] SPACE SUPPORT STATION NAME | 7-71 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 [illegible] HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		[illegible]	21.4	21.4	22.7	22.7	[illegible]	[illegible]	24.4	24.4	24.4	24.4	24.7	24.7	[illegible]
≥ 20000		[illegible]	[illegible]	24.4	25.3	[illegible]	[illegible]	27.1	27.2	27.2	27.2	27.5	27.5	27.6	[illegible]
≥ 18000		[illegible]	[illegible]	24.7	25.6	[illegible]	[illegible]	27.1	27.2	27.2	27.2	27.5	27.5	27.6	[illegible]
≥ 16000		[illegible]	24.4	24.7	25.6	25.9	[illegible]	[illegible]	27.7	27.8	27.8	28.1	28.2	28.3	[illegible]
≥ 14000		[illegible]	[illegible]	25.3	26.4	[illegible]	[illegible]	[illegible]	28.4	28.5	28.5	28.8	28.8	29.0	[illegible]
≥ 12000		[illegible]	26.0	27.4	28.1	[illegible]	[illegible]	[illegible]	30.2	30.4	30.4	30.7	30.8	30.9	[illegible]
≥ 10000		[illegible]	27.1	28.4	29.4	[illegible]	[illegible]	30.7	31.2	31.3	31.3	31.6	31.7	31.8	32.0
≥ 9000		[illegible]	29.1	29.7	30.8	30.9	31.3	32.1	32.5	32.6	32.6	32.9	33.1	33.2	33.4
≥ 8000		[illegible]	30.1	30.6	31.8	31.7	[illegible]	33.3	33.7	33.9	33.9	34.2	34.3	34.4	34.6
≥ 7000		[illegible]	30.5	31.1	32.4	32.4	[illegible]	34.0	34.4	34.5	34.5	34.7	34.8	35.1	35.2
≥ 6000		[illegible]	31.0	31.5	32.7	32.9	[illegible]	34.4	34.9	35.0	35.0	35.2	35.4	35.5	35.8
≥ 5000		[illegible]	32.0	33.5	34.7	35.1	[illegible]	36.7	37.2	37.3	37.3	37.5	37.6	37.9	38.1
≥ 4500		[illegible]	33.1	34.0	35.2	35.5	[illegible]	37.2	37.6	37.8	37.8	38.1	38.2	38.3	38.6
≥ 4000		[illegible]	36.7	37.9	39.2	40.2	[illegible]	41.9	42.3	42.4	42.4	42.7	42.7	43.1	43.4
≥ 3500		[illegible]	38.0	39.6	41.2	42.3	[illegible]	44.0	44.4	44.7	44.7	44.9	45.1	45.3	45.6
≥ 3000		[illegible]	41.2	43.1	45.2	46.0	[illegible]	47.7	48.1	48.3	48.3	48.6	48.7	49.1	49.4
≥ 2500		[illegible]	44.3	46.1	48.2	49.3	[illegible]	51.2	51.7	51.9	51.9	52.1	52.3	52.7	52.9
≥ 2000		[illegible]	48.1	50.0	52.2	53.3	[illegible]	55.2	55.7	55.9	55.9	56.1	56.3	56.7	56.9
≥ 1800		[illegible]	49.0	51.6	54.0	55.1	[illegible]	57.0	57.5	57.7	57.7	57.9	58.1	58.5	58.8
≥ 1500		[illegible]	52.4	54.5	57.1	58.2	[illegible]	60.1	60.6	60.8	60.8	61.0	61.2	61.6	61.9
≥ 1200		[illegible]	56.8	59.0	63.4	63.9	[illegible]	65.9	66.4	66.6	66.6	66.9	67.0	67.4	67.7
≥ 1000		[illegible]	58.5	61.5	65.7	66.3	[illegible]	68.4	68.8	69.2	69.2	69.4	69.6	69.9	70.2
≥ 900		[illegible]	59.3	62.8	67.1	67.6	[illegible]	69.8	70.3	70.6	70.6	70.9	71.0	71.4	71.7
≥ 800		[illegible]	60.9	64.1	68.5	69.0	[illegible]	71.7	72.2	72.8	72.8	73.1	73.3	73.6	73.9
≥ 700		[illegible]	61.5	65.0	70.2	70.7	[illegible]	73.7	74.2	74.8	74.8	75.1	75.3	75.6	75.9
≥ 600		[illegible]	62.1	66.1	71.9	72.5	[illegible]	75.3	76.8	77.7	77.7	78.1	78.2	78.5	78.8
≥ 500		[illegible]	62.9	67.8	74.1	74.6	[illegible]	78.7	79.4	80.4	80.4	80.8	81.2	81.5	81.8
≥ 400		[illegible]	63.1	68.2	75.2	75.8	[illegible]	81.1	81.7	82.9	82.9	83.1	83.4	83.7	84.0
≥ 300		[illegible]	63.5	68.6	75.9	76.8	[illegible]	82.9	83.5	85.0	85.0	85.3	85.5	85.9	86.2
≥ 200		[illegible]	63.5	68.6	76.1	77.1	[illegible]	84.0	84.7	87.2	87.5	88.2	88.5	89.4	89.8
≥ 100		[illegible]	63.5	68.6	76.1	77.1	[illegible]	84.0	84.7	88.2	89.0	90.1	90.8	92.4	93.4
≥ 0		[illegible]	63.5	68.6	76.1	77.1	[illegible]	84.0	84.7	88.2	89.0	90.2	91.1	93.2	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 870

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

DATA FR CLSTS TRANS
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34055 STATION — HAHN AF/HOCHSPEYER SERVICE STATION NAME — 67-77 YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-0300 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING		21.2	22.0	22.5	23.3	23.6	24.0	24.5	24.9	25.5	25.8	26.1	26.3	26.9	27.3
≥ 20000		23.9	25.0	24.9	25.4	25.8	26.2	26.6	27.0	27.6	27.9	28.1	28.1	28.3	28.6
≥ 18000		23.2	24.0	24.7	25.0	25.9	26.4	26.9	27.3	27.8	28.1	28.4	28.4	28.7	29.0
≥ 16000		23.5	24.2	24.9	25.2	25.8	26.2	26.6	27.0	27.5	27.8	28.1	28.1	28.4	28.6
≥ 14000		23.4	24.4	25.1	25.4	25.8	26.3	26.7	27.1	27.6	27.9	28.2	28.2	28.5	28.7
≥ 12000		23.6	24.4	25.2	25.6	26.0	26.5	26.9	27.3	27.8	28.1	28.4	28.4	28.7	29.0
≥ 10000		25.4	26.4	27.1	27.5	28.0	28.4	28.9	29.3	29.8	30.1	30.4	30.4	30.7	31.0
≥ 9000		25.4	27.1	27.9	28.3	28.8	29.2	29.7	30.1	30.6	30.9	31.2	31.2	31.5	31.8
≥ 8000		27.4	28.1	28.9	29.3	29.8	30.2	30.7	31.1	31.6	31.9	32.2	32.2	32.5	32.8
≥ 7000		27.4	28.4	29.1	29.5	30.0	30.4	30.9	31.3	31.8	32.1	32.4	32.4	32.7	33.0
≥ 6000		28.4	29.1	29.9	30.3	30.8	31.2	31.7	32.1	32.6	32.9	33.2	33.2	33.5	33.8
≥ 5000		28.9	30.7	31.5	32.4	32.7	33.2	33.7	34.1	34.7	35.0	35.3	35.3	35.6	36.0
≥ 4500		30.4	31.1	32.0	32.9	33.3	33.8	34.3	34.7	35.2	35.5	35.8	35.8	36.1	36.4
≥ 4000		34.3	35.0	36.0	36.9	37.3	37.8	38.3	38.7	39.2	39.5	39.8	39.8	40.1	40.4
≥ 3500		35.4	36.4	37.5	38.4	38.9	39.4	39.9	40.3	40.8	41.1	41.4	41.4	41.7	42.0
≥ 3000		38.5	39.5	40.8	41.7	42.2	42.7	43.2	43.6	44.1	44.4	44.7	44.7	45.0	45.3
≥ 2500		41.3	42.6	43.9	44.8	45.3	45.8	46.3	46.7	47.2	47.5	47.8	47.8	48.1	48.4
≥ 2000		42.8	44.0	45.3	46.2	46.7	47.2	47.7	48.1	48.6	48.9	49.2	49.2	49.5	49.8
≥ 1800		45.4	46.4	48.1	49.0	49.5	50.0	50.5	50.9	51.4	51.7	52.0	52.0	52.3	52.6
≥ 1500		48.3	49.4	51.1	52.0	52.5	53.0	53.5	53.9	54.4	54.7	55.0	55.0	55.3	55.6
≥ 1200		52.2	53.3	55.0	55.9	56.4	56.9	57.4	57.8	58.3	58.6	58.9	58.9	59.2	59.5
≥ 1000		54.3	55.3	57.1	58.0	58.5	59.0	59.5	59.9	60.4	60.7	61.0	61.0	61.3	61.6
≥ 900		55.5	57.6	60.4	61.3	61.8	62.3	62.8	63.2	63.7	64.0	64.3	64.3	64.6	64.9
≥ 800		58.2	60.1	63.2	64.1	64.6	65.1	65.6	66.0	66.5	66.8	67.1	67.1	67.4	67.7
≥ 700		58.4	60.5	63.7	64.6	65.1	65.6	66.1	66.5	67.0	67.3	67.6	67.6	67.9	68.2
≥ 600		58.7	61.1	64.4	65.3	65.8	66.3	66.8	67.2	67.7	68.0	68.3	68.3	68.6	68.9
≥ 500		59.8	62.5	66.4	67.3	67.8	68.3	68.8	69.2	69.7	70.0	70.3	70.3	70.6	70.9
≥ 400		60.7	63.8	67.9	68.8	69.3	69.8	70.3	70.7	71.2	71.5	71.8	71.8	72.1	72.4
≥ 300		61.3	64.4	68.7	69.6	70.1	70.6	71.1	71.5	72.0	72.3	72.6	72.6	72.9	73.2
≥ 200		61.5	64.6	69.1	70.0	70.5	71.0	71.5	71.9	72.4	72.7	73.0	73.0	73.3	73.6
≥ 100		61.5	64.8	69.0	70.0	70.5	71.0	71.5	71.9	72.4	72.7	73.0	73.0	73.3	73.6
≥ 0		61.5	64.8	69.0	70.0	70.5	71.0	71.5	71.9	72.4	72.7	73.0	73.0	73.3	73.6

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM JUL 64 9-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING OFFICE
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

44625 Hahn AB/Kaiserslautern GERMANY 2-11
STATION NAME YEARS MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

NO OBS 5

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥	≥	≥	≥	, 25 16	≥	≥0
NO CEILING		[illegible]	17.0	17.4	18.4	[illegible]	[illegible]	[illegible]	19.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000		[illegible]	19.4	20.1	21.1	[illegible]	[illegible]	[illegible]	22.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000		[illegible]	19.8	20.4	21.5	[illegible]	[illegible]	22.7	22.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000		[illegible]	19.8	20.7	21.9	[illegible]	[illegible]	[illegible]	23.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000		[illegible]	20.4	21.3	22.4	22.9	[illegible]	[illegible]	23.9	24.2	24.3	24.4	[illegible]	24.7	25.0
≥ 12000		[illegible]	21.3	22.2	23.4	23.9	[illegible]	[illegible]	24.9	25.2	25.4	25.5	25.6	25.7	25.8
≥ 10000		[illegible]	22.3	23.2	24.3	24.8	[illegible]	[illegible]	25.9	26.2	26.4	26.5	26.6	26.7	27.0
≥ 9000		[illegible]	23.1	23.9	25.2	25.7	[illegible]	[illegible]	26.8	27.1	27.4	27.5	27.6	27.8	28.0
≥ 8000		[illegible]	23.4	24.4	25.6	[illegible]	[illegible]	[illegible]	27.7	28.0	28.3	28.4	28.5	28.7	29.0
≥ 7000		[illegible]	24.4	25.3	26.6	[illegible]	[illegible]	[illegible]	28.8	29.2	29.5	29.6	29.7	29.9	30.2
≥ 6000		[illegible]	24.9	25.9	27.1	[illegible]	[illegible]	[illegible]	29.2	29.6	29.9	30.0	30.1	30.3	30.6
≥ 5000		[illegible]	26.1	27.3	28.6	[illegible]	[illegible]	[illegible]	30.8	31.2	31.5	31.6	31.7	31.9	32.2
≥ 4500		[illegible]	26.3	27.5	29.0	[illegible]	[illegible]	[illegible]	31.0	31.4	31.7	31.8	31.9	32.1	32.4
≥ 4000		[illegible]	29.0	30.2	31.7	[illegible]	[illegible]	33.0	33.9	34.2	34.5	34.6	[illegible]	35.0	35.3
≥ 3500		[illegible]	30.7	31.9	33.4	[illegible]	[illegible]	35.0	35.8	36.3	36.6	36.7	36.9	37.2	37.5
≥ 3000		[illegible]	33.9	34.9	37.1	[illegible]	[illegible]	38.9	39.2	39.7	39.9	40.1	[illegible]	40.4	41.1
≥ 2500		[illegible]	36.3	37.7	40.1	[illegible]	[illegible]	42.1	42.5	42.9	43.1	43.2	43.4	43.7	44.4
≥ 2000		[illegible]	39.6	41.4	44.1	[illegible]	[illegible]	46.3	46.7	47.2	47.3	47.5	47.7	48.1	48.7
≥ 1800		[illegible]	41.2	43.1	45.9	[illegible]	[illegible]	48.2	48.6	49.1	49.3	49.4	49.6	49.9	50.5
≥ 1500		[illegible]	44.9	47.1	50.1	[illegible]	[illegible]	52.5	52.9	53.4	53.6	53.7	53.9	54.2	54.9
≥ 1200		[illegible]	49.7	52.2	55.4	[illegible]	[illegible]	57.9	58.4	58.9	59.1	59.2	59.4	59.7	59.9
≥ 1000		[illegible]	52.2	54.8	58.2	[illegible]	[illegible]	60.9	61.4	61.9	62.1	62.3	62.5	62.8	63.1
≥ 900		[illegible]	53.3	56.3	59.7	[illegible]	[illegible]	62.5	63.0	63.5	63.7	63.9	[illegible]	64.4	64.9
≥ 800		[illegible]	55.2	58.5	62.2	[illegible]	[illegible]	65.5	66.0	66.6	66.8	67.1	67.2	67.5	67.7
≥ 700		[illegible]	56.6	60.1	64.4	[illegible]	[illegible]	68.0	68.5	69.2	69.4	69.6	[illegible]	70.1	70.3
≥ 600		[illegible]	57.6	61.6	66.2	[illegible]	[illegible]	70.7	71.3	72.1	72.3	72.5	72.7	73.1	73.3
≥ 500		[illegible]	59.0	63.4	69.2	[illegible]	[illegible]	74.2	75.0	75.9	76.1	76.3	[illegible]	77.0	77.1
≥ 400		[illegible]	59.7	64.4	70.2	[illegible]	[illegible]	75.8	77.7	78.6	78.9	79.1	79.4	79.8	80.0
≥ 300		[illegible]	60.1	65.1	72.1	[illegible]	[illegible]	79.5	80.6	82.1	82.5	82.7	83.2	83.7	83.9
≥ 200		[illegible]	60.2	65.3	72.6	[illegible]	[illegible]	81.1	82.7	84.9	85.5	85.7	[illegible]	87.8	88.3
≥ 100		[illegible]	60.3	65.3	72.7	[illegible]	[illegible]	81.5	83.3	86.1	87.0	87.7	88.9	91.0	92.5
≥ 0		[illegible]	60.3	65.3	72.7	[illegible]	[illegible]	81.5	83.3	86.1	87.0	87.7	89.0	91.5	93.3

TOTAL NUMBER OF OBSERVATIONS 7184

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

34023 [illegible] AB/MO, SPAIN [illegible] 5-77

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING		11.3	11.7	13.4	15.4	15.8	16.1	18.8	19.1	20.0	20.3	20.4	[illegible]	[illegible]	[illegible]
≥ 20000		11.7	12.2	14.1	15.8	16.2	16.5	19.5	19.8	20.6	20.9	21.1	[illegible]	[illegible]	[illegible]
≥ 18000		11.7	12.2	14.1	15.8	16.2	16.6	19.6	19.9	20.8	21.1	21.1	[illegible]	[illegible]	[illegible]
≥ 16000		11.8	12.3	14.2	15.9	16.3	16.7	19.7	20.0	20.9	21.2	21.2	[illegible]	[illegible]	[illegible]
≥ 14000		11.8	12.3	14.2	15.9	16.3	16.7	19.7	20.0	20.9	21.2	21.2	[illegible]	[illegible]	[illegible]
≥ 12000		11.8	12.3	14.2	15.9	16.3	16.7	19.7	20.0	20.9	21.2	21.2	[illegible]	[illegible]	[illegible]
≥ 9000		12.7	13.1	15.1	16.8	17.2	17.5	20.5	20.9	21.7	21.7	22.1	[illegible]	[illegible]	[illegible]
≥ 8000		13.1	13.5	15.5	17.2	17.6	17.9	21.0	21.3	22.2	22.2	22.5	[illegible]	[illegible]	[illegible]
≥ 7000		13.2	13.7	15.7	17.4	17.8	18.2	21.2	21.5	22.4	22.4	22.7	[illegible]	[illegible]	[illegible]
≥ 6000		13.5	14.0	16.0	17.7	18.3	18.6	21.6	21.9	22.8	22.8	23.1	[illegible]	[illegible]	[illegible]
≥ 5000		13.9	14.4	16.5	18.4	18.8	19.2	22.2	22.5	23.3	23.3	23.7	[illegible]	[illegible]	[illegible]
≥ 4500		14.2	14.8	17.0	18.8	19.2	19.6	22.6	22.9	23.5	23.8	24.1	[illegible]	[illegible]	[illegible]
≥ 4000		14.5	15.2	17.5	19.4	19.8	20.2	23.2	23.5	24.1	24.4	24.7	[illegible]	[illegible]	[illegible]
≥ 3500		17.3	18.1	20.2	22.5	22.9	23.4	26.5	26.8	27.6	27.8	28.2	[illegible]	[illegible]	[illegible]
≥ 3000		19.3	20.4	22.6	25.3	25.9	26.6	29.7	30.0	30.9	31.2	31.6	[illegible]	[illegible]	[illegible]
≥ 2500		21.8	22.7	24.9	27.8	28.5	29.2	33.0	33.3	34.2	34.5	34.9	[illegible]	[illegible]	[illegible]
≥ 2000		23.9	24.7	27.3	30.4	31.1	31.8	35.3	36.7	38.0	38.3	38.7	[illegible]	[illegible]	[illegible]
≥ 1800		24.4	25.3	28.0	31.1	31.7	32.3	37.0	37.3	38.6	38.6	38.9	[illegible]	[illegible]	[illegible]
≥ 1500		27.9	28.8	31.8	35.1	35.7	36.5	41.2	41.5	42.8	42.8	43.1	[illegible]	[illegible]	[illegible]
≥ 1200		29.6	30.5	33.5	37.0	37.6	38.5	43.2	43.5	44.8	44.8	45.2	[illegible]	[illegible]	[illegible]
≥ 1000		31.3	32.4	35.6	39.2	39.7	40.8	45.5	45.8	47.1	47.1	47.4	[illegible]	[illegible]	[illegible]
≥ 900		32.6	33.9	37.3	41.3	41.9	42.8	47.6	48.0	49.2	49.2	49.6	[illegible]	[illegible]	[illegible]
≥ 800		33.8	35.7	39.8	44.0	44.6	45.5	50.4	50.9	52.2	52.2	52.5	[illegible]	[illegible]	[illegible]
≥ 700		34.9	36.7	41.0	45.4	46.0	47.9	51.8	52.4	53.7	53.7	54.1	[illegible]	[illegible]	[illegible]
≥ 600		35.9	38.0	42.9	47.5	48.3	50.7	54.8	55.4	56.7	56.8	57.1	[illegible]	[illegible]	[illegible]
≥ 500		37.1	39.4	45.1	51.1	51.8	57.0	59.5	60.0	61.4	61.5	61.8	62.3	62.7	63.4
≥ 400		37.2	39.7	46.3	52.7	53.4	59.0	62.6	63.3	64.7	64.8	65.3	65.8	66.2	67.1
≥ 300		37.4	39.9	46.8	53.4	54.2	60.8	65.3	66.1	68.0	68.2	68.7	69.2	69.9	70.6
≥ 200		37.5	40.0	47.0	54.1	54.8	62.4	67.5	68.9	71.7	72.3	73.1	74.3	76.7	78.3
≥ 100		37.5	40.0	47.1	54.3	55.1	62.9	68.5	70.6	74.6	75.6	77.2	78.5	82.7	85.4
≥ 0		37.5	40.0	47.1	54.3	55.1	63.9	68.5	70.6	74.6	75.6	77.3	79.1	83.5	86.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

24025 STATION | [illegible] AP/RAPID CREEK STP A 1 STATION NAME | 7-73 YEARS | [illegible] PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥ 5/16	≥ ¼	≥0
NO CEILING		10.9	11.6	13.1	15.4	17.6	18.6	20.8	19.9	17.6	17.4	18.1	18.3	18.8	18.4
≥ 20000		11.9	12.4	13.7	15.6	17.4	18.5	17.5	17.6	17.4	16.3	18.1	18.2	19.2	19.4
≥ 18000		11.9	12.3	13.1	15.4	17.4	18.7	17.7	17.8	17.6	16.7	19.3	19.2	19.5	19.4
≥ 16000		11.9	12.4	13.7	16.1	17.6	18.8	17.8	18.0	17.7	18.1	19.4	19.4	19.6	19.8
≥ 14000		11.9	12.4	13.9	16.0	17.4	18.8	17.8	18.0	18.7	18.4	19.4	19.4	19.6	19.8
≥ 12000		11.9	12.4	14.1	16.2	17.8	19.1	18.1	18.2	18.9	19.3	19.7	19.8	19.8	20.0
≥ 10000		12.9	13.3	14.9	16.6	17.9	19.2	18.6	18.7	19.5	19.9	20.1	20.1	20.3	20.5
≥ 9000		12.9	13.3	14.9	16.6	17.9	19.2	18.6	18.7	19.5	19.9	20.1	20.1	20.3	20.5
≥ 8000		12.9	13.3	14.9	17.2	17.7	19.0	19.0	19.1	19.9	20.3	20.5	20.5	20.8	20.9
≥ 7000		12.9	13.5	15.2	16.8	18.5	20.0	20.0	20.1	21.0	21.4	21.5	21.5	21.7	21.8
≥ 6000		12.9	13.5	15.2	16.8	18.5	20.1	20.2	21.0	21.1	21.4	21.6	21.6	21.9	22.0
≥ 5000		13.0	13.6	15.4	16.9	18.7	20.2	20.5	21.4	21.5	22.0	22.0	22.0	22.3	22.4
≥ 4500		13.7	14.4	16.0	18.3	19.4	21.0	21.2	21.3	22.2	22.5	22.6	22.6	23.0	23.1
≥ 4000		14.6	15.7	17.6	20.4	21.7	22.6	22.9	23.0	23.9	24.3	24.5	24.5	24.7	24.8
≥ 3500		15.4	16.7	18.6	21.7	22.3	23.9	24.2	24.4	25.3	25.4	25.6	25.6	26.1	26.2
≥ 3000		16.7	18.0	19.9	23.1	23.9	25.5	25.8	26.0	26.9	27.3	27.4	27.5	27.7	27.8
≥ 2500		19.4	20.8	23.0	26.3	27.2	29.0	29.4	29.6	30.5	30.8	31.2	31.3	31.5	31.6
≥ 2000		21.9	23.3	25.9	29.5	30.1	32.8	33.1	33.3	34.4	34.8	35.4	35.4	35.6	35.8
≥ 1800		22.7	24.2	26.8	30.4	31.1	33.9	34.2	34.4	35.6	36.0	36.6	36.6	36.9	36.9
≥ 1500		25.6	28.3	31.1	34.8	35.6	38.5	38.8	39.0	40.2	40.6	41.2	41.2	41.4	41.4
≥ 1200		30.7	32.7	35.8	39.7	40.4	43.3	43.8	44.0	45.2	45.6	46.1	46.1	46.3	46.3
≥ 1000		31.7	34.9	38.1	42.2	42.9	46.1	46.7	46.9	48.2	48.6	49.1	49.1	49.4	49.4
≥ 900		33.2	36.3	39.6	43.9	44.6	47.8	48.4	48.6	49.9	50.3	50.9	50.9	51.1	51.1
≥ 800		35.7	39.1	42.8	47.3	48.1	51.4	52.0	52.3	53.5	54.	54.5	54.5	54.7	54.7
≥ 700		36.7	40.1	44.1	48.6	49.6	53.0	53.8	54.1	55.4	55.8	56.3	56.3	56.6	56.6
≥ 600		38.3	41.7	46.2	51.4	52.7	56.6	56.6	56.9	58.2	58.6	59.1	59.1	59.4	59.4
≥ 500		39.9	42.5	48.1	53.5	54.3	58.2	59.5	59.8	61.1	61.7	62.4	62.4	62.6	62.8
≥ 400		39.1	42.8	48.6	54.4	55.3	59.9	61.8	62.4	63.7	64.3	64.7	64.9	65.2	65.4
≥ 300		39.1	42.8	48.7	55.4	56.2	61.2	64.3	65.1	66.8	67.5	68.2	68.4	68.6	68.8
≥ 200		39.2	42.9	48.8	55.6	56.7	62.8	66.5	68.2	70.5	71.5	72.5	73.7	75.3	76.4
≥ 100		39.2	42.9	48.9	55.9	56.8	63.1	66.9	69.1	72.6	74.8	75.7	77.0	80.8	85.1
0		39.2	42.9	48.9	55.9	56.8	63.1	66.9	69.1	72.6	74.8	75.7	77.3	81.2	90.2

TOTAL NUMBER OF OBSERVATIONS 920

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

34022 HAHN AF/HS SPESSART GERMANY 1971 ALL HOURS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0900 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥	≥0
NO CEILING		9.4	9.9	10.4	12.5	12.6	13.1	14.5	14.6	15.1	15.2	15.2	15.4	15.4	16.2	16.4
≥ 20000		9.8	10.3	12.2	13.9	14.0	14.5	15.9	16.0	16.5	16.7	16.7	16.9	17.6	17.8	18.0
≥ 8000		9.9	10.4	12.3	14.1	14.1	14.6	16.0	16.1	16.6	16.8	16.8	17.0	17.7	18.0	18.3
≥ 6000		10.3	10.8	12.4	14.3	14.2	14.7	16.1	16.2	16.7	16.9	16.9	17.2	17.8	18.1	18.4
≥ 4000		10.9	10.9	12.4	14.1	14.2	14.7	16.1	16.2	16.8	17.0	17.0	17.1	17.8	18.2	18.5
≥ 3000		10.9	10.9	12.5	14.2	14.3	14.8	16.2	16.3	16.9	17.1	17.1	17.2	17.9	18.3	18.6
≥ 2500		10.4	11.1	13.1	14.9	14.9	15.5	16.9	17.0	17.6	17.8	17.8	18.0	18.8	19.2	19.5
≥ 2000		11.0	11.8	13.7	15.4	15.5	16.0	17.4	17.5	18.2	18.4	18.4	18.5	19.4	19.8	20.2
≥ 1800		11.2	11.7	14.0	16.0	16.1	16.6	18.1	18.2	18.9	19.1	19.1	19.2	20.1	20.5	20.8
≥ 1500		11.5	12.3	14.5	16.7	16.8	17.4	18.8	18.9	19.7	19.9	19.9	20.1	21.0	21.4	21.8
≥ 1200		11.6	12.4	14.8	17.1	17.1	17.8	19.5	19.6	20.3	20.5	20.5	20.7	21.8	22.2	22.6
≥ 1000		11.9	12.7	14.9	17.3	17.4	18.1	19.8	19.9	20.6	20.8	20.8	21.1	22.2	22.6	22.7
≥ 900		12.4	13.3	15.6	18.1	18.1	18.8	20.5	20.6	21.4	21.6	21.6	21.8	22.9	23.3	23.4
≥ 800		13.1	14.1	16.5	18.8	18.9	19.6	21.2	22.0	22.2	22.9	23.1	23.3	24.4	24.8	24.9
≥ 700		13.9	14.8	17.2	19.4	19.9	20.6	22.2	23.0	23.2	24.0	24.2	24.4	25.5	25.7	25.8
≥ 600		15.5	16.0	18.9	21.7	21.8	22.6	24.5	25.2	25.4	26.1	26.3	26.5	27.6	27.8	28.0
≥ 500		18.3	19.4	21.7	24.5	24.6	25.0	26.8	28.1	28.4	29.1	29.4	29.6	30.8	30.9	31.2
≥ 400		21.2	22.3	24.8	27.6	28.0	28.8	30.8	32.0	32.4	33.3	33.5	33.5	34.9	35.2	35.5
≥ 300		22.2	23.2	25.5	28.6	28.9	29.8	31.8	33.1	33.5	34.5	34.7	34.7	36.1	36.3	36.7
≥ 200		26.0	27.2	30.3	33.4	33.5	34.8	36.8	38.2	38.6	39.6	39.8	39.9	41.1	41.3	41.6
≥ 100		28.9	30.2	33.4	36.7	36.8	38.2	40.2	41.6	42.0	43.0	43.3	43.4	45.7	44.8	45.1	45.4
0		29.2	32.3	35.5	39.3	39.6	41.5	45.1	45.6	46.6	46.3	47.1	47.2	47.4	48.3	48.6
		31.0	34.2	37.7	41.4	41.5	43.5	47.1	47.6	48.6	49.3	49.3	49.4	50.5	50.8	51.1
		32.7	36.2	39.8	44.4	44.5	46.7	50.4	51.0	52.2	52.8	52.7	52.9	54.1	54.3	54.6
		34.2	37.7	41.5	46.3	47.0	51.5	53.3	53.9	55.1	55.5	55.4	55.8	57.2	57.2	57.5
		35.4	39.4	43.8	49.4	49.6	54.7	56.8	57.5	58.8	59.2	59.4	59.8	61.3	61.3	61.6
		36.9	41.0	45.6	51.8	52.3	56.1	60.5	61.3	62.7	63.1	63.2	63.4	64.6	64.8	65.2
		37.3	41.4	46.3	52.9	53.3	57.4	63.0	64.0	65.5	66.3	66.1	66.3	67.5	67.8	68.2
		37.4	41.5	46.8	53.3	53.8	58.8	64.8	66.2	68.3	68.9	69.2	69.5	70.6	71.0	71.4
		37.4	41.5	46.8	53.4	53.9	61.4	66.3	66.6	71.6	73.1	73.7	74.4	77.4	79.1	81.1
		37.4	41.5	46.8	53.4	53.9	61.4	66.3	69.0	72.4	74.2	74.7	75.1	81.4	85.9	93.9
		37.4	41.6	46.7	53.5	54.0	61.5	66.5	69.1	72.5	74.3	74.8	75.2	81.7	86.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

3

CEILING VERSUS VISIBILITY

[illegible] [illegible] [illegible]

STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	0	
NO CEILING	7.9	9.3	10.4	12.1	12.2	13.4	13.4	13.7	14.5	14.8	14.8	14.9	15.0	15.0	
≥ 20000	8.4	11.3	12.9	14.3	14.7	15.4	15.8	16.3	17.4	17.6	17.6	17.8	17.8	18.0	
≥ 18000	8.4	11.3	12.9	14.3	14.7	15.4	15.8	16.3	17.4	17.6	17.6	17.8	17.8	18.0	
≥ 16000	8.9	11.8	12.7	14.8	15.2	15.8	16.2	16.8	17.8	18.0	18.0	18.2	18.2	18.4	
≥ 14000	8.9	11.8	12.7	14.8	15.2	15.8	16.2	16.8	17.8	18.0	18.0	18.2	18.2	18.4	
≥ 12000	10.2	12.4	13.4	15.4	15.8	16.2	16.9	17.2	18.3	18.5	18.5	18.7	18.7	19.0	
≥ 10000	11.7	13.1	14.3	16.2	16.5	17.1	17.8	18.2	19.2	19.4	19.4	19.6	19.6	20.0	
≥ 9000	11.8	13.4	14.9	16.8	17.2	17.8	18.2	18.8	19.6	19.8	19.8	20.0	20.0	20.4	
≥ 8000	11.9	14.0	15.2	17.2	17.5	18.3	19.1	19.5	20.6	20.8	20.8	21.0	21.0	21.4	
7000	12.1	14.2	15.5	17.5	17.9	18.6	19.4	20.0	21.2	21.4	21.4	21.7	21.7	22.1	
≥ 6000	12.6	14.7	15.9	18.1	18.5	19.3	20.4	20.8	21.9	22.1	22.1	22.4	22.5	23.0	
≥ 5000	13.3	15.3	16.9	19.4	19.9	20.8	21.7	22.3	23.2	23.5	23.5	23.8	23.9	24.3	
≥ 4500	13.9	15.9	17.5	19.9	20.7	21.6	22.9	23.4	24.3	24.5	24.5	24.7	24.8	25.2	
≥ 4000	14.7	17.3	19.0	21.4	21.8	22.9	24.4	24.7	25.9	26.1	26.1	26.4	26.5	27.0	
≥ 3500	15.4	18.1	19.7	22.3	22.9	24.2	25.2	25.5	26.7	26.9	26.9	27.2	27.3	27.8	
≥ 3000	17.9	20.9	22.9	25.7	26.3	27.8	28.8	29.3	30.6	30.8	30.8	31.1	31.2	31.8	
≥ 2500	19.7	21.9	24.2	26.9	27.2	28.4	30.3	30.8	32.0	32.2	32.2	32.5	32.6	33.2	
≥ 2000	22.9	25.9	28.2	31.1	31.4	32.8	35.3	35.7	37.0	37.2	37.2	37.5	37.6	38.2	
≥ 1800	23.1	26.1	29.1	31.9	32.3	33.8	36.1	36.6	37.8	38.1	38.1	38.4	38.5	39.1	
≥ 1500	26.9	29.9	32.9	36.1	36.5	38.0	40.4	40.9	42.2	42.4	42.4	42.8	42.9	43.5	
≥ 1200	27.1	30.4	33.4	37.0	37.7	39.6	42.5	42.9	44.2	44.4	44.4	44.8	45.3	46.1	
≥ 1000	29.5	32.8	36.9	40.8	41.1	44.4	46.0	47.0	48.4	48.6	48.6	49.0	49.5	50.3	
≥ 900	29.9	33.2	37.2	41.2	41.9	45.3	47.4	47.8	49.2	49.5	49.5	49.7	50.3	51.2	
≥ 800	31.6	35.3	39.7	44.3	44.6	48.1	50.5	51.0	52.6	52.8	52.8	53.1	53.7	54.5	
≥ 700	33.9	37.9	42.3	46.9	47.2	50.8	52.9	53.3	55.3	55.5	55.5	55.8	56.5	57.3	
≥ 600	35.1	39.7	44.5	48.7	49.1	52.8	54.9	55.6	57.6	58.3	58.3	58.6	59.3	60.3	
≥ 500	36.4	40.7	45.9	50.4	50.9	54.6	56.9	57.9	59.9	60.7	60.7	61.0	61.7	62.7	
≥ 400	36.6	40.9	46.3	51.3	52.0	55.7	58.1	59.0	61.2	62.0	62.0	62.3	63.0	64.0	
≥ 300	37.2	41.5	47.2	52.5	53.2	57.0	59.4	60.3	62.6	63.4	63.4	63.7	64.4	65.4	
≥ 200	37.2	41.5	47.2	52.6	53.3	57.1	59.5	60.4	62.7	63.5	63.5	63.8	64.5	65.5	
≥ 100	37.3	41.7	47.4	52.8	53.5	57.3	59.7	60.6	62.9	63.7	63.7	64.0	64.7	65.7	
≥ 0	37.3	41.7	47.4	52.8	53.5	57.3	59.7	60.6	62.9	63.7	63.7	64.0	64.7	65.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

3

ATD PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

340[illegible] [illegible] AFB, SPOKANE, WASHINGTON [illegible]
STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]
MONTHS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ [illegible]	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING		[illegible]	12.[illegible]	13.7	14.[illegible]	14.8	[illegible]	[illegible]	15.2	15.5	16.[illegible]	16.[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000		[illegible]	13.[illegible]	15.[illegible]	16.[illegible]	17.1	[illegible]	[illegible]	18.6	19.1	19.5	19.[illegible]	[illegible]	[illegible]	[illegible]
> 6000		[illegible]	14.1	15.[illegible]	16.[illegible]	17.1	[illegible]	[illegible]	[illegible]	19.1	19.5	19.[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000		[illegible]	[illegible]	15.3	16.[illegible]	17.1	[illegible]	[illegible]	[illegible]	19.1	19.5	19.[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000		[illegible]	14.4	15.[illegible]	17.[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]	19.5	20.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500		[illegible]	14.[illegible]	16.[illegible]	17.[illegible]	17.[illegible]	[illegible]	[illegible]	19.4	19.[illegible]	21.2	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000		[illegible]	15.5	16.[illegible]	18.[illegible]	18.[illegible]	[illegible]	[illegible]	[illegible]	21.1	21.4	21.[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000		[illegible]	15.7	17.[illegible]	18.[illegible]	18.[illegible]	[illegible]	[illegible]	[illegible]	21.4	21.7	21.[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000		16.1	16.[illegible]	17.[illegible]	19.[illegible]	19.[illegible]	[illegible]	[illegible]	21.6	22.[illegible]	22.[illegible]	22.[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000		[illegible]	16.[illegible]	17.[illegible]	19.[illegible]	20.[illegible]	[illegible]	[illegible]	21.9	22.[illegible]	23.[illegible]	23.[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000		[illegible]	16.7	18.2	20.2	20.[illegible]	[illegible]	[illegible]	23.6	23.[illegible]	23.7	23.[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000		[illegible]	17.[illegible]	19.[illegible]	21.[illegible]	21.[illegible]	[illegible]	[illegible]	[illegible]	24.[illegible]	24.8	25.[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500		[illegible]	18.[illegible]	19.[illegible]	21.[illegible]	21.[illegible]	[illegible]	[illegible]	[illegible]	24.[illegible]	25.[illegible]	25.[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000		[illegible]	[illegible]	20.[illegible]	22.[illegible]	23.[illegible]	[illegible]	[illegible]	[illegible]	25.[illegible]	26.[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500		[illegible]	19.7	21.4	23.4	23.[illegible]	[illegible]	[illegible]	[illegible]	27.2	27.8	28.[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000		[illegible]	[illegible]	23.[illegible]	25.[illegible]	25.[illegible]	[illegible]	[illegible]	[illegible]	29.7	30.[illegible]	30.[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500		[illegible]	24.[illegible]	26.1	28.[illegible]	28.[illegible]	[illegible]	[illegible]	[illegible]	32.4	33.0	33.[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000		[illegible]	27.[illegible]	29.[illegible]	32.[illegible]	33.[illegible]	[illegible]	[illegible]	[illegible]	36.[illegible]	37.[illegible]	37.[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800		[illegible]	28.[illegible]	31.1	33.[illegible]	34.[illegible]	[illegible]	[illegible]	[illegible]	38.0	38.6	38.[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500		[illegible]	32.[illegible]	35.[illegible]	38.[illegible]	39.[illegible]	[illegible]	[illegible]	[illegible]	42.5	43.[illegible]	43.[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200		[illegible]	37.[illegible]	39.[illegible]	43.[illegible]	43.[illegible]	[illegible]	[illegible]	[illegible]	48.0	48.[illegible]	49.[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000		[illegible]	39.[illegible]	43.[illegible]	47.[illegible]	47.[illegible]	[illegible]	[illegible]	[illegible]	52.3	53.[illegible]	53.[illegible]	[illegible]	[illegible]	[illegible]
≥ 900		[illegible]	40.[illegible]	44.[illegible]	48.[illegible]	48.[illegible]	[illegible]	[illegible]	[illegible]	53.8	54.[illegible]	55.[illegible]	[illegible]	[illegible]	[illegible]
≥ 800		[illegible]	42.[illegible]	47.[illegible]	51.[illegible]	51.[illegible]	[illegible]	[illegible]	[illegible]	57.6	58.[illegible]	59.[illegible]	[illegible]	[illegible]	[illegible]
≥ 700		[illegible]	43.[illegible]	48.[illegible]	52.[illegible]	53.[illegible]	[illegible]	[illegible]	[illegible]	59.5	60.[illegible]	61.[illegible]	[illegible]	[illegible]	[illegible]
≥ 600		[illegible]	44.[illegible]	49.[illegible]	54.[illegible]	55.[illegible]	[illegible]	[illegible]	[illegible]	62.2	63.[illegible]	64.[illegible]	[illegible]	[illegible]	[illegible]
≥ 500		[illegible]	45.[illegible]	50.[illegible]	56.[illegible]	56.[illegible]	[illegible]	[illegible]	[illegible]	64.[illegible]	67.[illegible]	67.[illegible]	[illegible]	[illegible]	[illegible]
≥ 400		[illegible]	45.[illegible]	50.[illegible]	56.[illegible]	57.[illegible]	[illegible]	[illegible]	[illegible]	66.[illegible]	69.[illegible]	70.[illegible]	[illegible]	[illegible]	[illegible]
≥ 300		[illegible]	46.[illegible]	51.[illegible]	58.[illegible]	59.[illegible]	[illegible]	[illegible]	[illegible]	69.[illegible]	74.[illegible]	74.[illegible]	[illegible]	[illegible]	[illegible]
≥ 200		[illegible]	46.[illegible]	51.[illegible]	58.[illegible]	59.[illegible]	[illegible]	[illegible]	[illegible]	71.[illegible]	76.[illegible]	78.[illegible]	[illegible]	[illegible]	[illegible]
≥ 100		[illegible]	46.[illegible]	51.[illegible]	58.[illegible]	59.[illegible]	[illegible]	[illegible]	[illegible]	71.[illegible]	77.[illegible]	79.[illegible]	[illegible]	[illegible]	[illegible]
≥ 0		[illegible]	46.2	51.[illegible]	58.[illegible]	59.[illegible]	[illegible]	[illegible]	[illegible]	71.[illegible]	77.[illegible]	79.[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 930

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

3

DATA FOR CEILING AND VISIBILITY
SAF ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HAHN AB/HAHNSTON GERMANY [illegible] YEARS [illegible]
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	[illegible]	11.0	11.4	12.7	13.3	13.5	14.1	14.7	15.1	15.1	15.1	15.1	15.1	15.1	[illegible]
≥ 20000	[illegible]	13.2	14.1	15.1	15.2	15.2	15.1	15.7	15.9	15.1	15.1	15.2	15.2	15.2	[illegible]
≥ 8000	[illegible]	13.2	14.1	15.4	15.5	15.4	15.3	15.9	16.4	16.2	16.1	16.1	16.1	16.1	[illegible]
≥ 6500	[illegible]	12.9	15.2	16.9	16.7	16.7	16.6	17.2	17.7	17.6	17.5	17.5	17.5	17.5	[illegible]
≥ 5000	[illegible]	13.1	15.2	16.9	16.7	16.7	16.4	17.2	17.7	17.6	17.5	17.5	17.5	17.5	[illegible]
≥ 2000	[illegible]	14.2	15.9	17.1	17.1	17.1	17.0	17.7	18.2	18.1	18.0	18.0	18.0	18.0	[illegible]
≥ 1000	[illegible]	14.1	15.5	16.1	16.2	16.2	16.3	17.0	17.4	17.3	17.2	17.2	17.2	17.2	[illegible]
≥ 900	[illegible]	15.3	17.0	18.0	18.1	18.1	18.1	18.9	19.4	19.3	19.2	19.2	19.2	19.2	[illegible]
≥ 800	[illegible]	15.3	17.2	18.4	18.4	18.4	18.5	19.3	19.8	19.7	19.6	19.6	19.6	19.6	[illegible]
≥ 700	[illegible]	15.3	17.2	18.4	18.4	18.4	18.5	19.3	19.8	19.7	19.6	19.6	19.6	19.6	[illegible]
≥ 600	[illegible]	15.4	17.3	19.2	19.2	19.2	19.3	20.1	20.6	20.5	20.4	20.4	20.4	20.4	[illegible]
≥ 500	[illegible]	15.4	17.3	19.2	19.2	19.2	19.3	20.1	20.6	20.5	20.4	20.4	20.4	20.4	[illegible]
≥ 450	[illegible]	16.2	18.0	20.3	20.4	20.3	20.2	21.0	21.5	21.4	21.3	21.3	21.3	21.3	[illegible]
≥ 400	[illegible]	16.4	18.2	21.1	21.2	21.1	21.1	21.9	22.4	22.3	22.2	22.2	22.2	22.2	[illegible]
≥ 350	[illegible]	17.7	19.4	22.4	22.6	22.4	22.5	23.4	23.9	23.8	23.7	23.7	23.7	23.7	[illegible]
≥ 300	[illegible]	19.0	21.7	24.9	24.9	24.7	24.8	25.7	26.2	26.1	26.0	26.0	26.0	26.0	[illegible]
≥ 250	[illegible]	22.0	24.6	27.8	27.9	27.8	27.8	28.7	29.2	29.1	29.0	29.0	29.0	29.0	[illegible]
≥ 200	[illegible]	24.2	27.0	30.4	30.4	30.3	30.3	31.2	31.7	31.6	31.5	31.5	31.5	31.5	[illegible]
≥ 150	[illegible]	25.5	28.3	31.8	31.9	31.8	31.8	32.7	33.2	33.1	33.0	33.0	33.0	33.0	[illegible]
≥ 100	[illegible]	29.2	32.3	35.8	36.0	35.9	35.9	36.8	37.3	37.2	37.1	37.1	37.1	37.1	[illegible]
≥ 1200	[illegible]	34.1	37.6	42.7	42.9	42.8	42.8	43.7	44.2	44.1	44.0	44.0	44.0	44.0	[illegible]
≥ 1000	[illegible]	36.9	40.4	46.2	46.5	46.4	46.4	47.3	47.8	47.7	47.6	47.6	47.6	47.6	[illegible]
≥ 900	[illegible]	38.4	42.1	47.8	47.8	47.7	47.7	48.6	49.1	49.0	48.9	48.9	48.9	48.9	[illegible]
≥ 800	[illegible]	39.2	43.4	50.3	50.5	50.4	50.4	51.3	51.8	51.7	51.6	51.6	51.6	51.6	[illegible]
≥ 700	[illegible]	39.6	44.1	51.1	51.3	51.2	51.2	52.1	52.6	52.5	52.4	52.4	52.4	52.4	[illegible]
≥ 600	[illegible]	40.2	45.1	52.3	52.6	52.5	52.5	53.4	53.9	53.8	53.7	53.7	53.7	53.7	[illegible]
≥ 500	[illegible]	41.4	46.5	54.4	54.7	54.5	54.5	55.4	55.9	55.8	55.7	55.7	55.7	55.7	[illegible]
≥ 400	[illegible]	42.0	47.3	56.1	56.3	56.2	56.2	57.1	57.6	57.5	57.4	57.4	57.4	57.4	[illegible]
≥ 300	[illegible]	42.4	47.9	57.1	57.6	57.5	57.5	58.4	58.9	58.8	58.7	58.7	58.7	58.7	[illegible]
≥ 200	[illegible]	42.4	47.9	57.1	57.7	57.6	57.6	58.5	59.0	58.9	58.8	58.8	58.8	58.8	[illegible]
≥ 100	[illegible]	42.4	47.9	57.1	57.7	57.6	57.6	58.5	59.0	58.9	58.8	58.8	58.8	58.8	[illegible]
≥ 0	[illegible]	42.4	47.9	57.1	57.7	57.6	57.6	58.5	59.0	58.9	58.8	58.8	58.8	58.8	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
U.S. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible] HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 0	≥ [illegible]	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	5/8	≥ [illegible]
NO CEILING		[illegible]	12.9	14.4	15.4	16.2	16.1	17.3	18.5	19.0	19.4	19.7	19.9	19.7	[illegible]
≥ 20000		[illegible]	14.1	15.5	17.2	17.7	17.6	19.0	20.5	21.1	21.4	21.7	21.9	21.7	[illegible]
≥ 8000		[illegible]	14.2	15.9	17.6	18.2	18.1	19.5	21.0	21.5	21.8	22.1	22.2	22.2	[illegible]
≥ 6000		[illegible]	14.3	16.1	17.8	18.4	18.4	19.8	21.3	21.8	22.1	22.4	22.5	22.5	[illegible]
≥ 4500		[illegible]	14.4	16.2	17.9	18.5	18.5	19.9	21.4	21.9	22.2	22.5	22.6	22.6	[illegible]
≥ 3000		[illegible]	14.5	16.3	18.0	18.6	18.6	20.0	21.5	22.0	22.3	22.6	22.7	22.7	[illegible]
≥ 2500		[illegible]	15.4	16.8	18.7	19.3	19.3	20.7	22.2	22.7	23.0	23.3	23.4	23.4	[illegible]
≥ 2000		[illegible]	15.8	17.5	19.5	20.2	20.1	21.7	23.2	23.8	24.1	24.4	24.5	24.5	[illegible]
≥ 1500		[illegible]	16.1	17.8	20.1	20.8	20.8	22.6	24.1	24.7	25.0	25.3	25.4	25.4	[illegible]
≥ 1000		[illegible]	16.9	18.8	21.1	21.9	21.9	23.8	25.4	26.0	26.3	26.6	26.7	26.7	[illegible]
≥ 900		[illegible]	17.0	19.0	21.4	22.2	22.2	24.2	25.8	26.4	26.7	27.0	27.1	27.1	[illegible]
≥ 800		[illegible]	17.3	19.3	21.7	22.5	22.5	24.5	26.2	26.8	27.1	27.4	27.5	27.5	[illegible]
≥ 700		[illegible]	17.6	19.6	21.9	22.8	22.8	24.8	26.5	27.1	27.4	27.7	27.8	27.8	[illegible]
≥ 600		[illegible]	17.8	20.1	22.4	23.3	23.3	25.4	27.2	27.8	28.1	28.4	28.5	28.5	[illegible]
≥ 500		[illegible]	18.4	20.7	23.0	23.9	23.9	26.0	27.9	28.4	28.8	29.1	29.2	29.2	[illegible]
≥ 450		[illegible]	18.7	21.1	23.4	24.3	24.3	26.5	28.4	29.0	29.3	29.6	29.7	29.7	[illegible]
≥ 400		[illegible]	19.1	21.5	23.8	24.7	24.7	26.9	28.8	29.4	29.7	30.0	30.1	30.1	[illegible]
≥ 350		[illegible]	20.2	22.4	25.2	25.9	25.9	28.2	29.1	29.9	30.2	30.5	30.6	30.6	[illegible]
≥ 300		[illegible]	22.4	24.8	27.4	28.1	28.1	30.9	31.8	32.7	32.9	33.2	33.3	33.3	[illegible]
≥ 250		[illegible]	24.3	27.4	30.2	31.0	31.0	34.1	35.1	35.9	36.2	36.5	36.6	36.6	[illegible]
≥ 200		[illegible]	27.2	30.3	33.4	34.4	34.4	37.3	38.3	39.2	39.5	39.8	40.0	40.0	[illegible]
≥ 150		[illegible]	28.4	31.5	34.6	35.1	35.4	39.1	40.1	41.1	41.2	41.5	41.6	41.6	[illegible]
≥ 100		[illegible]	33.5	36.5	40.1	40.3	40.9	44.7	45.7	46.7	46.8	46.9	47.0	47.0	[illegible]
≥ 200		[illegible]	36.3	40.4	44.4	44.6	47.4	49.4	50.4	51.4	51.5	51.6	51.9	52.0	[illegible]
≥ 300		[illegible]	38.4	42.5	46.6	46.8	50.0	52.0	53.1	54.2	54.3	54.4	54.7	54.9	[illegible]
≥ 900		[illegible]	39.3	43.9	48.3	48.5	51.7	53.8	54.8	55.9	56.1	56.3	56.5	56.7	[illegible]
≥ 800		[illegible]	40.6	45.2	50.2	50.4	54.0	56.1	57.2	58.3	58.4	58.6	58.8	59.0	[illegible]
≥ 700		[illegible]	41.3	45.9	51.0	51.2	55.5	57.8	58.9	60.0	60.1	60.3	60.5	60.8	[illegible]
≥ 600		[illegible]	41.8	46.5	53.1	53.3	57.4	60.1	61.4	62.7	62.8	62.9	63.2	63.4	[illegible]
≥ 500		[illegible]	42.3	48.0	55.3	55.5	59.9	64.2	65.5	67.0	67.1	67.2	67.5	67.7	[illegible]
≥ 400		[illegible]	43.1	48.3	56.0	57.3	61.6	66.7	68.0	69.9	70.0	70.1	70.4	70.6	[illegible]
≥ 300		[illegible]	43.4	48.7	57.4	58.3	64.0	68.7	70.6	72.5	73.9	74.0	74.4	74.7	[illegible]
≥ 200		[illegible]	43.5	48.9	58.2	59.0	65.2	70.1	72.9	76.6	76.9	77.2	77.7	78.7	[illegible]
≥ 100		[illegible]	43.5	48.9	58.4	59.2	65.6	71.0	74.2	78.9	79.4	80.3	81.3	83.8	[illegible]
≥ 0		[illegible]	43.5	48.9	58.4	59.2	65.6	71.0	74.2	78.9	79.4	80.3	81.3	83.8	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

AIR PROCESSING STATION
USAF ETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

[illegible] [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 0	≥ [illegible]	≥ 5	≥ 4	≥ 3	≥ 2	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ [illegible]	≥ 0
NO CEILING		12.9	13.0	14.3	16.[illegible]	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	18.7	19.4	19.[illegible]	19.[illegible]	[illegible].[illegible]	20.5	21.1	[illegible].[illegible]
≥ 20000		12.9	14.1	15.9	17.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	22.1	22.7	[illegible].[illegible]
≥ 8000		12.9	[illegible].[illegible]	15.4	17.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].6	20.9	21.3	21.[illegible]	21.[illegible]	[illegible].[illegible]	22.4	23.[illegible]	[illegible].[illegible]
≥ 6000		12.9	[illegible].[illegible]	15.4	17.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	20.9	21.3	21.[illegible]	[illegible].[illegible]	[illegible].[illegible]	22.4	23.[illegible]	[illegible].[illegible]
≥ 4000		[illegible].[illegible]	14.[illegible]	15.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	21.2	21.6	21.[illegible]	22.[illegible]	[illegible].[illegible]	23.[illegible]	23.[illegible]	[illegible].[illegible]
≥ 2000		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	21.6	[illegible].[illegible]	22.[illegible]	22.[illegible]	[illegible].[illegible]	23.[illegible]	23.[illegible]	[illegible].[illegible]
≥ 1000		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	22.[illegible]	22.[illegible]	22.[illegible]	22.[illegible]	[illegible].[illegible]	23.[illegible]	24.[illegible]	[illegible].[illegible]
≥ 900		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	22.[illegible]	22.[illegible]	22.[illegible]	22.[illegible]	[illegible].[illegible]	23.[illegible]	24.[illegible]	[illegible].[illegible]
≥ 800		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	23.[illegible]	23.[illegible]	23.[illegible]	23.[illegible]	[illegible].[illegible]	24.[illegible]	25.[illegible]	[illegible].[illegible]
≥ 700		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	23.[illegible]	23.[illegible]	24.[illegible]	24.[illegible]	[illegible].[illegible]	25.[illegible]	25.[illegible]	[illegible].[illegible]
≥ 600		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	24.[illegible]	24.[illegible]	25.[illegible]	25.[illegible]	[illegible].[illegible]	25.[illegible]	26.[illegible]	[illegible].[illegible]
≥ 500		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	24.[illegible]	24.[illegible]	25.[illegible]	25.[illegible]	[illegible].[illegible]	26.[illegible]	26.[illegible]	[illegible].[illegible]
≥ 400		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	25.[illegible]	25.[illegible]	25.[illegible]	25.[illegible]	[illegible].[illegible]	26.[illegible]	27.[illegible]	[illegible].[illegible]
≥ 300		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	26.[illegible]	26.[illegible]	27.[illegible]	27.[illegible]	[illegible].[illegible]	28.[illegible]	29.[illegible]	[illegible].[illegible]
≥ 200		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	27.[illegible]	27.[illegible]	28.[illegible]	28.[illegible]	[illegible].[illegible]	29.[illegible]	30.[illegible]	[illegible].[illegible]
≥ 100		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	27.[illegible]	27.[illegible]	28.[illegible]	28.[illegible]	[illegible].[illegible]	29.[illegible]	30.[illegible]	[illegible].[illegible]
≥ 0		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	27.[illegible]	27.[illegible]	28.[illegible]	28.[illegible]	[illegible].[illegible]	29.[illegible]	30.[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 929

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

DATA PROCESSING BRANCH
USAF ETAC
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CEILING VERSUS VISIBILITY

[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	10	9	8	7	6	5	4½	4	3½	3	2½	2	1½	1	0
NO CEILING	17.5	21.4	12.7	14.3	15.4	1.7	19.3	16.0	17.1	17.1	17.4	2.2	17.8	16.3	1.1	1.7
≥ 20000	21.7	12.3	14.6	16.1	16.3	1.2	18.2	16.0	17.2	19.3	19.7	2.1	19.2	17.9	2.2	3.4
≥ 9000	11.3	12.9	14.3	16.2	16.4	1.7	19.4	16.8	17.4	19.2	19.7	2.1	21.1	20.6	2.1	2.1
≥ 6000	12.9	13.0	14.4	16.3	16.5	1.8	19.5	16.9	18.5	19.3	19.7	2.2	21.2	20.8	2.1	2.4
≥ 4000	12.9	13.2	14.5	16.3	16.6	1.9	19.6	17.1	18.6	19.5	19.9	2.2	21.3	20.9	2.2	2.5
≥ 2500	13.4	13.4	14.9	16.7	17.0	2.3	20.0	17.3	18.9	20.1	21.0	2.3	21.6	21.2	2.3	2.7
≥ 2000	13.9	14.3	15.3	17.4	17.7	2.1	20.9	20.2	20.8	20.2	21.1	21.4	21.5	22.3	2.3	2.7
≥ 1500	13.9	14.3	15.3	17.4	18.1	2.4	20.2	20.5	21.2	21.4	21.8	21.6	21.9	24.4	2.3	2.7
≥ 1000	13.9	14.7	15.8	18.4	18.7	2.1	20.8	21.2	21.8	22.3	22.7	22.9	23.3	25.1	2.3	2.8
≥ 700	14.3	15.1	16.7	18.4	19.2	2.7	21.5	21.9	22.5	22.6	23.1	23.4	23.8	23.3	2.4	2.8
≥ 600	14.1	15.3	17.1	19.2	19.5	2.1	21.9	22.3	23.1	23.1	23.4	23.7	23.8	24.3	2.4	2.8
≥ 500	14.5	15.9	17.4	19.7	19.9	2.8	22.4	22.8	23.6	23.7	23.9	24.2	24.4	24.9	2.4	2.8
≥ 450	14.8	16.1	17.6	20.1	20.5	2.1	23.3	23.5	24.2	24.3	24.5	24.8	25.0	25.5	2.5	2.9
≥ 400	15.3	17.2	19.3	21.5	21.9	2.6	24.6	25.1	25.8	25.9	26.1	26.3	26.7	27.2	2.7	3.1
≥ 350	16.2	18.2	20.1	22.1	23.1	2.9	25.9	26.5	27.2	27.3	27.5	27.7	28.1	28.6	2.9	3.3
≥ 300	19.9	20.4	22.3	25.2	25.5	3.4	28.4	29.0	29.8	29.9	30.1	30.3	31.7	31.2	3.1	3.7
≥ 250	21.1	22.3	24.9	27.2	28.1	3.4	31.5	32.1	32.9	33.1	33.3	33.4	33.8	34.4	3.4	3.9
≥ 200	23.4	25.2	27.8	31.1	31.4	3.9	35.2	35.8	36.8	37.1	37.3	37.4	37.8	38.3	3.9	4.3
≥ 150	24.5	26.1	28.8	32.1	32.5	3.1	36.4	37.0	37.9	38.1	38.3	38.5	38.9	39.5	4.0	4.3
≥ 100	27.1	30.3	32.9	36.4	36.8	3.7	41.1	41.7	42.6	42.8	43.0	43.2	43.6	44.1	4.4	4.7
≥ 0	30.7	33.1	36.4	40.2	40.7	4.0	45.1	45.7	46.7	46.9	47.1	47.4	47.8	48.3	4.8	5.1
	32.4	35.4	39.3	43.1	43.4	4.6	48.3	49.0	50.0	50.2	50.4	50.7	51.1	51.7	5.2	5.7
	33.6	36.5	40.3	44.6	45.0	4.4	50.0	50.7	51.8	52.0	52.2	52.5	52.9	53.4	5.4	5.9
	35.1	38.2	42.4	47.2	47.7	5.3	53.1	53.8	55.0	55.2	55.4	55.7	56.1	56.8	5.7	6.2
	35.9	39.1	43.5	48.6	49.3	5.1	55.0	55.8	57.0	57.2	57.4	57.7	58.1	58.7	5.9	6.4
	37.1	40.3	45.0	50.6	51.3	5.6	57.7	58.6	60.0	60.2	60.4	60.7	61.1	61.7	6.2	6.8
	37.9	41.0	46.1	53.4	53.9	5.9	61.4	62.4	63.9	64.1	64.4	64.7	65.1	65.7	6.6	7.2
	38.3	42.0	47.4	54.5	55.1	6.0	63.9	65.0	66.9	67.2	67.4	67.7	68.2	68.9	6.9	7.5
	38.4	42.2	47.8	55.4	56.1	6.2	66.3	67.9	70.5	71.1	71.4	72.0	72.4	73.1	7.3	7.9
	38.5	42.3	47.9	55.8	56.5	6.3	67.7	70.0	73.7	74.3	75.4	76.0	78.3	80.1	8.1	8.8
	38.5	42.3	47.9	55.9	56.6	6.6	68.2	70.9	75.3	76.7	77.9	79.5	83.0	86.7	9.3	10.1
	38.5	42.3	48.0	55.9	56.7	6.6	68.2	70.9	75.3	76.7	79.1	79.6	83.3	87.4	10.1	11.0

TOTAL NUMBER OF OBSERVATIONS 7439

3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼		
NO CEILING	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.3	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 20000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 15000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 12000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 10000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 8000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 7000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 6000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 5000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 4500	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 4000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 3500	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 3000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 2500	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 2000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 1500	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 1200	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 1000	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 900	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 800	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 700	63.1	66.4	71.1	77.8	78.3	85.0	85.7	87.4	89.9	90.8	91.4	92.3	94.6	95.3	100.0
≥ 600	63.2	66.5	71.2	77.9	78.4	85.1	85.8	87.5	90.0	90.9	91.5	92.4	94.7	95.4	100.0
≥ 500	63.2	66.5	71.2	77.9	78.4	85.1	85.8	87.5	90.0	90.9	91.5	92.4	94.7	95.4	100.0
≥ 400	63.2	66.5	71.2	77.9	78.4	85.1	85.8	87.5	90.0	90.9	91.5	92.4	94.7	95.4	100.0
≥ 300	63.2	66.5	71.2	77.9	78.4	85.1	85.8	87.5	90.0	90.9	91.5	92.4	94.7	95.4	100.0
≥ 200	63.2	66.5	71.2	77.9	78.4	85.1	85.8	87.5	90.0	90.9	91.5	92.4	94.7	95.4	100.0
≥ 100	63.2	66.5	71.2	77.9	78.4	85.1	85.8	87.5	90.0	90.9	91.5	92.4	94.7	95.4	100.0
≥ 0	63.2	66.5	71.2	77.9	78.4	85.1	85.8	87.5	90.0	90.9	91.5	92.4	94.7	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 36349

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

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

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

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

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

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

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

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

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

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

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

74-29966

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATIO [illegible] STATION NAME [illegible] YEARS

DAILY TEMPERATURES

CUMULATIVE PER[illegible]AGE FREQUENCY OF OCCURRENCE
(FRO[illegible]DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.1	.5						.1
85						1.3	.7	.7	.1				.4
80				.1	.3	4.7	1.9	3.3	1.4				1.9
75				.7	2.3	12.5	22.5	17.7	4.1				5.2
70			.3	1.2	11.3	25.9	41.1	35.6	14.4	1.2			11.3
65			.7	6.3	27.1	49.3	62.1	57.7	37.1	6.7			20.5
60			5.2	17.9	47.3	73.2	87.1	85.6	62.7	19.3			33.6
55		1.3	12.5	34.5	70.1	90.4	97.5	98.3	84.8	41.5	[illegible]		44.3
50	2.6	7.4	26.1	56.2	90.4	98.4	100.0	100.0	97.5	65.7	[illegible]	[illegible]	55.3
45	10.0	20.1	45.0	74.9	97.9	99.9			100.0	86.5	[illegible]	13.6	65.0
40	27.2	37.6	65.3	93.1	99.6	100.0				97.1	61.5	33.1	74.1
35	51.0	62.4	84.3	99.9	100.0					100.0	[illegible]	57.5	86.5
30	77.3	81.5	94.6	100.0							[illegible]	79.2	94.0
25	89.1	92.3	99.2								99.7	90.7	97.6
20	95.6	97.2	99.6								100.0	98.0	99.2
15	98.4	99.1	100.0									99.5	99.7
10	100.0	99.7										100.0	100.0
5		99.9											100.0
0		100.0											100.0
MEAN	34.6	37.0	43.7	51.2	59.3	65.0	68.2	67.3	62.2	52.9	41.7	35.7	51.6
S D	7.899	8.708	8.943	8.536	8.075	6.099	8.390	7.259	7.378	7.398	7.179	7.821	14.578
TOTAL OBS	743	678	744	720	715	690	713	744	706	744	720	744	8661

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC
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34035 STATION — [illegible] AFB/[illegible] STATION NAME — [illegible] YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AI 70							.3						.0
AI 65						.2	.7	.6					.3
AI 60				.1	.1	4.6	14.4	10.9	3.4	.1			2.4
AI 55				.6	.6	24.1	41.2	29.1	14.2	2.1	.1		10.4
AI 50			.4	3.3	21.4	54.1	72.3	76.7	43.3	12.3	.4		24.2
AI 45	.5	1.5	2.8	14.4	47.1	82.9	95.2	97.6	75.1	32.1	.9	.2	37.7
AI 40	5.4	7.2	16.1	38.3	79.2	97.4	100.0	100.0	95.8	63.4	1.9	4.6	52.1
AI 35	14.8	22.6	41.5	67.6	95.7	99.6			99.9	89.3	4.4	23.6	67.1
AI 33	27.3	31.6	51.7	77.5	98.5	100.0			100.0	94.2	6.4	33.3	72.7
AI 30	45.9	51.3	66.9	91.4	99.7					98.7	7.3	52.9	82.0
AI 25	68.4	70.7	82.7	99.3	100.0					100.0	23.2	71.4	90.4
AI 20	82.6	84.2	93.4	100.0							9.4	85.3	95.4
AI 15	92.3	92.6	98.5								10.3	94.2	98.1
AI 10	96.5	95.5	99.6									98.5	99.2
AI 5	99.2	98.7	100.0									100.0	99.8
AI 0	99.9	99.6											99.9
AI -5	100.0	99.7											100.0
AI -10		99.9											100.0
AI -15		100.0											100.0
MEAN	27.5	28.0	32.1	37.7	44.4	50.1	53.4	53.1	48.5	41.9	34.1	28.7	40.0
S D.	8.253	8.931	7.623	6.325	5.896	5.540	5.369	4.775	5.427	6.116	6.314	7.901	11.582
TOTAL OBS.	743	673	744	720	715	690	713	744	706	744	720	744	8601

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
34054 HAHN AB/HUNSRUECK GERMANY
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80							.6						.0
75						1.[illegible]	[illegible].3	.8					.4
70					.1	3.[illegible]	11.4	7.0	1.6				2.0
65					.5	14.[illegible]	27.8	24.2	[illegible].9	.4			5.5
60				.1	1.9	38.4	55.0	52.2	25.6	2.5			15.6
55				.9	8.5	66.5	80.3	84.4	55.1	14.7	[illegible]		29.0
50		1.7	7.5	25.0	57.7	91.[illegible]	9[illegible].5	99.5	85.0	40.[illegible]	[illegible]	.3	42.7
45	3.2	7.2	22.3	50.5	87.7	98.[illegible]	100.0	[illegible].0	98.0	65.7	1[illegible].1	3.4	54.2
40	13.6	20.1	45.8	73.3	96.[illegible]	100.[illegible]			100.0	90.3	42.4	17.6	66.6
35	37.0	44.7	66.8	94.7	99.7					99.1	71.[illegible]	41.7	79.5
30	62.4	69.2	85.3	99.7	100.0					100.0	9[illegible].[illegible]	67.3	89.5
25	82.5	84.4	95.2	100.0							9[illegible].5	84.0	95.4
20	91.5	93.7	99.5								98.[illegible]	94.1	98.2
15	96.9	96.[illegible]	99.6								100.0	98.7	99.3
10	99.3	99.1	100.0									99.9	99.9
5	100.0	99.6										100.0	100.0
0		99.9											100.0
-5		100.0											100.0
MEAN	31.3	32.8	38.1	44.7	52.1	57.8	61.1	60.4	55.6	47.7	39.2	32.4	46.0
S.D	7.829	8.536	7.917	7.011	6.585	6.416	6.433	5.647	5.837	6.311	6.443	7.596	12.845
TOTAL OBS.	743	678	744	720	715	690	713	744	706	744	720	744	8661

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

3

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

34055 HAHN AB/HUNSRUCK GERMANY 54-78
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54			60	62	80	90	75	84	77	69	56	50	
55 *	48	48	64	78	75	79	84	79	73	69	58	50	84
56	50	38	63	63	79	79	82	75	72	72	49	52	82
57	50	58	60	68	70	89	93	78	75	88	55	49	93
58	49	58	59	62	77	79	79	82	80	63	48	48	82
59	51	58	62	71	75	80	91	80	81	69	51	47	91
60	50	59	58	68	75	82	73	79	70	67	54	48	82
61	48	59	68	71	70	81	85	80	80	66	50	53	85
62	50	47	51	71	72	77	80	79	83	71	58	47	83
63	37	37	56	63	74	73	79	82	74	63	59	44	82
64	40	50	51	67	77	83	89	86	79	63	53	47	89
65	47	36	60	61	74	79	78	78	72	62	55	50	79
66	48	55	54	64	75	81	77	87#	66	73	56	47	87
67	53	53	57	65#	75	81	82	78	74	70	51	51	82
68	47	45	72	80	70	79	83	74	70	67	63	45	83
69	48	45	52	68	81	74	85	83	74	67	56	36	85
70	43	49	49	68#	53			81	72	70	55	49	
71	44	42	50	71	75	73	84	84	73	68	57	51	84
72	41	50	64	66	68	78	84	78	69	62	59	50	84
73	39	39	60	62	71	82	84	86	87	71	55	46	87
74	51	57	64	66	71	75	78	89	78	51	57	51	89
75	53	50	53	69	69	75	84	84	77	59	51	46	84
76	48	51	62	68	73	87	89	80	71	69	50	44	89
77	50	50	60	62	69	82	78	75	69	66	59	53	82
78	42	53											
MEAN	46.9	49.5	58.7	67.3	73.9	79.5	82.4	80.8	75.2	66.0	54.8	48.1	85.0
S.D.	4.552	7.217	5.879	4.866	3.808	4.999	5.044	3.953	4.776	4.943	3.776	3.658	3.682
TOTAL OBS.	743	678	744	720	715	690	713	744	706	744	720	744	8661

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

3

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

34055 STATION HAHN AB/HUNSRUCK GERMANY STATION NAME 54-78 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54			23	29	34	43	43	45	35	36	23	24	
55	* 18	7	12	27	33	38	46	45	41	29	22	19	7
56	-3	-11	20	21	33	39	48	43	43	26	18	16	-11
57	11	25	25	25	28	42	47	43	34	34	23	19	11
58	16	11	14	23	33	41	47	46	45	32	28	17	11
59	18	21	28	28	34	40	50	43	42	31	25	23	18
60	3	14	24	30	32	43	41	47	36	33	25	17	3
61	15	28	24	38	33	43	41	45	45	34	23	7	7
62	11	18	17	29	30	34	40	45	40	31	21	5	5
63	4	7	14	30	36	46	45	43	39	31	31	9	4
64	10	15	15	28	38	39	42	43	38	30	27	9	9
65	22	16	12	30	34	43	43	44	40	29	15	23	12
66	3	25	25	28	38	43	45	41*	40	27	20	20	3
67	9	20	30	28#	30	41	49	48	40	32	18	12	9
68	3	17	24	25	35	42	45	44	43	35	23	12	3
69	21	8	21	25	35	37	44	44	37	35	21	10	8
70	12	8	16	23*	30			46	40	33	26	11	
71	6	14	6	30	35	42	42	46	35	26	17	23	6
72	6	6	17	23	33	39	46	44	35	28	24	19	6
73	19	23	24	28	37	44	46	46	41	32	23	10	10
74	26	26	24	32	33	42	44	48	39	30	26	28	24
75	26	23	24	28	35	37	44	50	46	28	19	18	18
76	8	17	15	26	35	39	48	46	42	32	26	6	6
77	21	21	21	26	39	39	44	48	35	35	19	19	19
78	21	12											
MEAN	12.5	15.5	19.8	27.7	34.2	40.7	44.8	45.1	39.6	31.2	22.6	15.7	8.9
S.D	8.185	8.693	5.898	3.407	2.544	2.754	2.662	2.092	3.551	2.919	3.831	6.391	7.637
TOTAL OBS	743	678	744	720	715	690	713	744	706	744	720	744	8661

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AA 44 0-88-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 0-73 YEARS — JAN MONTH

 0000-0200 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49		.2	.1	.3														6	6		
48/ 47	.1	.2	.3															6	6	3	1
46/ 45	.1	1.3	.2															15	15	5	3
44/ 43	.2	3.2	.3	.2														37	37	21	8
42/ 41	.5	4.6	.8	.1														56	56	40	20
40/ 39	1.1	3.4	2.7															67	67	57	46
38/ 37	.3	7.0	1.0															77	77	73	59
36/ 35	.2	8.4	1.0															89	89	85	62
34/ 33	1.2	10.3	1.9															125	125	117	93
32/ 31	2.8	11.2	1.2															139	139	114	88
30/ 29	3.3	5.7	.3	.4														95	95	149	106
28/ 27	4.4	2.8	.3	.1														71	71	86	114
26/ 25	2.2	1.8	.2															39	39	44	84
24/ 23	1.1	2.4	.3															35	35	35	66
22/ 21	.8	.4	.1															12	12	29	27
20/ 19	1.1	1.0																19	19	17	22
18/ 17	.8	.4																11	11	14	27
16/ 15	.6	.4																10	10	12	21
14/ 13	.4	.9																12	12	10	12
12/ 11		.5																5	5	5	14
10/ 9	.1	.2																3	3	5	8
8/ 7	.1																	1	1	2	8
6/ 5																					4
4/ 3																					1
TOTAL	21.6	86.5	10.8	1.2														930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6992990	80276	86.3	8.281	930							
Dry Bulb	1031826	30264	32.5	7.111	930		45.2					93
Wet Bulb	949447	29041	31.2	6.771	930		52.6					93
Dew Point	823626	26804	28.8	7.416	930		64.8					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 67-71 YEARS | JAN MONTH

PAGE 1 | 0300-0500 HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22-23	24-25	26-27	28-29	30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47	.1	.1		.3	.1														5	6	2	1
46/ 45	.1	.9			.1														10	10	1	2
44/ 43	.2	2.0	.5	.1															28	28	13	3
42/ 41	.6	5.2	1.3	.1															67	67	47	26
40/ 39	.9	3.7	1.8	.1															60	60	47	35
38/ 37	1.0	6.0	.5																70	70	56	51
36/ 35	.5	10.0	1.2																109	109	76	65
34/ 33	2.0	8.9	1.1																117	117	141	84
32/ 31	1.7	10.0	.3																112	112	115	123
30/ 29	1.0	6.8	.1	.1															82	82	122	113
28/ 27	5.3	3.2	.4																85	85	94	107
26/ 25	3.3	2.5	.3	.1															58	58	60	89
24/ 23	1.1	3.3	.2																47	47	47	81
22/ 21	.9	.9																	16	16	34	25
20/ 19	.8	1.2	.1																19	19	17	31
18/ 17	.9	.2																	10	10	19	23
16/ 15	.3	.0																	11	11	7	22
14/ 13	.3	.6																	9	9	11	8
12/ 11	.1	.9																	9	9	8	12
10/ 9		.4																	4	4	7	10
8/ 7	.1																		1	1	1	11
6/ 5																						6
TOTAL	23.0	67.8	8.1	.9	.2														930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7089573	80849	86.9	8.104	930							
Dry Bulb	997662	29736	32.0	7.104	930		46.3					93
Wet Bulb	921533	28587	30.7	6.788	930		53.7					93
Dew Point	804312	26458	28.4	7.452	930		66.3					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 67-76 YEARS — JAN MONTH

PAGE 1 — 0000-0600 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.=W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49		.3			.3	.1												7	7		
48/ 47		.5	.1		.1													7	7	4	2
46/ 45	.1	.9	.4	.1														14	14	5	3
44/ 43	.0	2.8	.5	.1														39	38	17	12
42/ 41	.3	2.0	.6	.1														29	29	45	20
40/ 39	.6	3.6	4.0															76	76	51	25
38/ 37	.4	8.1	1.0	.1														89	89	84	35
36/ 35	.3	9.7	.4															97	97	93	58
34/ 33	1.6	8.3	1.5															109	109	128	110
32/ 31	3.4	9.4	1.0															124	128	113	154
30/ 29	4.3	3.9	.1															77	77	123	102
28/ 27	4.3	2.6	.3															69	69	79	96
26/ 25	2.7	3.2	.5															60	60	50	77
24/ 23	1.1	2.9	.2															39	39	40	64
22/ 21	.5	1.8	.1															24	24	30	22
20/ 19	.0	1.4																19	19	24	41
18/ 17	.9	.6																14	14	19	23
16/ 15	.5																	5	5	7	24
14/ 13	.1	1.1																11	11	4	13
12/ 11	.2	.6																5	8	12	10
10/ 9	.3	.1																4	4	7	7
8/ 7	.3	.1																4	4	4	9
6/ 5	.1																	1	1	1	0
4/ 3																					4
TOTAL	24.1	63.3	11.3	.4	.4	.1												929	929	929	929

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6986397	80201	86.3	8.214	929		46.3					93
Dry Bulb	1007861	29797	32.1	7.496	929		46.3					93
Wet Bulb	927626	28608	30.8	7.091	929		52.3					93
Dew Point	802758	26359	28.4	7.701	929		65.5					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 (STATION) HAHN AP/HUNSRUCK GERMANY (STATION NAME) 9-74 (YEARS) JAN (MONTH)

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

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.=W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51						.1												1	1		
50/ 49		.2	.1		.1													4	4	1	
48/ 47	.1	.8	.3		.1													12	12	3	3
46/ 45	.1	1.0	.2	.2														18	18	11	3
44/ 43	.4	1.4	.4	.2														23	23	15	13
42/ 41	.5	4.4	1.5	.1														61	61	43	23
40/ 39	.8	4.9	3.7	.3														90	90	45	41
38/ 37	.8	6.0	1.8															77	77	77	39
36/ 35	1.3	9.0	1.3															104	108	102	55
34/ 33	1.8	8.7	.8	.1	.1													107	107	131	95
32/ 31	1.3	7.7	1.5	.1														97	97	99	102
30/ 29	2.3	5.8	.8															82	82	117	126
28/ 27	4.8	3.5	.5	.1														82	82	95	100
26/ 25	2.7	3.1	.2															56	56	90	72
24/ 23	1.0	2.9	.1															37	37	39	80
22/ 21	1.2	1.0																20	20	24	30
20/ 19	.8	.8																14	14	17	39
18/ 17	1.0	.4																13	13	16	31
16/ 15	.4	.5																9	9	9	17
14/ 13		.6																6	6	4	8
12/ 11		.6																5	6	11	5
10/ 9		.6																6	5	5	7
8/ 7		.1																1	1	2	7
6/ 5																					12
4/ 3																					2
TOTAL	20.9	64.3	12.9	1.5	.3	.1													930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6875106	79540	85.5	8.822	930							
Dry Bulb	1039968	30352	32.6	7.291	930		42.9					93
Wet Bulb	949858	29024	31.2	5.887	930		50.2					93
Dew Point	817505	26659	28.7	7.575	930		63.8					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 0-7 YEARS | JAN MONTH

PAGE 1 | 1200-1400 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3	4-5	6-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30 +	TOTAL D.B.-W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51					.4													4	4		
50/ 49	.1	.8	1.0	.1	.4													22	22	8	4
48/ 47		.1	.4		.1													5	9	4	2
46/ 45	.1	1.1	.8	.1														19	19	11	4
44/ 43	.6	3.7	1.4															53	53	27	16
42/ 41	.3	4.0	2.2															60	60	56	12
40/ 39	.3	5.7	3.4	.3														91	91	63	39
38/ 37	.9	7.7	2.9	.2														109	109	94	66
36/ 35	.9	6.5	2.4	.2														92	92	105	101
34/ 33	1.3	8.0	2.3	.3	.3													113	113	121	85
32/ 31	1.0	9.5	2.3	.2														126	126	98	127
30/ 29	3.2	5.1	.3															80	80	135	106
28/ 27	2.4	2.6	.3															53	53	87	105
26/ 25	1.0	1.3																21	21	32	76
24/ 23	.3	2.0																26	26	19	57
22/ 21	.6	.5																11	11	24	32
20/ 19	.4	.6	.2															12	12	8	21
18/ 17	.4	.9																12	12	14	21
16/ 15	.6	.4																10	10	14	11
14/ 13		.9																6	6	4	12
12/ 11		.2																2	2	8	5
10/ 9																					14
8/ 7																					8
6/ 5																					1
TOTAL	16.3	61.4	19.8	1.5	1.3													930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6595833	77775	83.6	9.929	930							
Dry Bulb	1140206	31884	34.3	7.120	930		36.1					93
Wet Bulb	1027104	30278	32.6	6.671	930		44.3					93
Dew Point	870036	27612	29.7	7.353	930		59.8					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3400A — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
0-7 — YEARS
JAN — MONTH

PAGE 1 — 1500-1700 HOURS (LST)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27	28	29	30	≥31	TOTAL D.B.=W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51		.1	.2																		3	3		
50/ 49	.3	.1	.1	.2	.3																10	10	5	3
48/ 47		.2	.4	.2	.2																10	10	7	2
46/ 45	.2	1.3	.9																		22	22	9	4
44/ 43		2.9	.3	.2																	37	32	23	7
42/ 41		4.4	2.2	.2																	63	63	55	19
40/ 39	.3	6.2	3.9	.1																	99	98	87	42
38/ 37	.8	7.3	2.0	.1																	94	94	94	55
36/ 35	.8	6.8	1.3																		86	86	107	95
34/ 33	1.3	6.4	2.2		.2																113	118	113	74
32/ 31	.9	7.4	1.7	.1																	94	94	102	103
30/ 29	2.9	7.3	1.0	.2	.1																107	107	123	123
28/ 27	4.5	3.4	.2																		76	76	120	100
26/ 25	1.4	1.8	.2																		32	32	39	98
24/ 23	.8	1.6	.1																		22	22	30	77
22/ 21	.4	1.0																			13	13	12	21
20/ 19	.4	.9	.1																		13	13	16	27
18/ 17	.6	.9	.2																		17	17	14	15
16/ 15	.2	.4																			6	6	10	15
14/ 13	.1	.5																			6	6	7	14
12/ 11	.1	.4																			5	5	6	7
10/ 9		.2																			2	2	3	7
8/ 7																								10
6/ 5																								10
TOTAL	16.5	63.7	17.5	1.4	.9																929	929	929	929

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6623255	77931	83.9	9.619	929							
Dry Bulb	1092862	31178	33.6	7.079	929		39.3					93
Wet Bulb	987412	29640	31.9	6.707	929		48.5					93
Dew Point	837091	27005	29.1	7.492	929		62.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34054 HAHN AB/HUNSRUCK GERMANY 8-7 JAN

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

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1	2	3	4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53								.1																				1		1		
52/ 51			.1				.1																					2		2	1	
50/ 49	.2		.1	.3		.1	.1																					8		8	7	3
48/ 47	.2		.5	.3		.1																						11		11	8	3
46/ 45	.1		1.4	.6		.2																						22		22	16	2
44/ 43			3.8	.5		.2																						42		42	21	11
42/ 41			3.2	1.0																								39		39	31	26
40/ 39	.5		4.9	3.0																								79		79	47	26
38/ 37	.8		8.0	1.2																								92		92	68	39
36/ 35	.0		8.1	1.5																								96		96	69	40
34/ 33	.4		7.8	1.8																								103		103	114	85
32/ 31	2.5		10.3	1.9		.2																						139		139	106	130
30/ 29	2.7		7.0	.9		.2																						100		100	131	107
28/ 27	3.9		3.1	.5																								70		70	109	98
26/ 25	1.9		1.7	.2																								36		36	49	69
24/ 23	.9		2.2																									28		28	37	74
22/ 21	.3		.5																									8		8	16	20
20/ 19			1.3																									12		12	10	29
18/ 17	1.5		.3																									17		17	23	14
16/ 15	.2		.5																									7		7	3	24
14/ 13			.6																									7		7	8	16
12/ 11	.1		.4																									5		5	5	6
10/ 9	.2		.3																									5		5	6	8
8/ 7	.1																											1		1	2	7
6/ 5																																6
2/ 1																																3
TOTAL	18.3		66.5	13.9		1.1	.2	.1																				930		930		930
																												930		930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6776219	78955	84.9	8.871	930							
Dry Bulb	1068927	30805	33.1	7.229	930		43.5					93
Wet Bulb	974785	29419	31.6	6.895	930		50.4					93
Dew Point	835817	26947	29.0	7.696	930		63.3					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34009 HAHN AP/HUNSRUCK GERMANY [illegible] JAN

PAGE 1 2100-2500 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31 +	TOTAL D.B. & W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51									.1																							1	1		
50/ 49				.4	.2				.2																							2	8	3	1
48/ 47		.1		.2	.5																											8	3	3	3
46/ 45		.2	1.1		.4		.1		.1																							18	18	7	-
44/ 43		.1	2.0		.2		.1		.1																							24	24	21	6
42/ 41		.2	5.1		1.4																											62	62	35	20
40/ 39		.9	4.4		3.2																											79	79	53	38
38/ 37		.1	8.1		.9																											84	84	71	55
36/ 35		.5	8.2		.8		.1																									89	89	103	78
34/ 33		.9	7.7		2.3																											103	103	93	79
32/ 31		1.5	8.0		2.2																											114	114	113	91
30/ 29		2.3	8.0		.1		.1																									105	105	152	114
28/ 27		3.4	4.5		.4		.2																									87	90	82	118
26/ 25		2.7	1.9		.9																											47	47	55	91
24/ 23		.3	3.1		.1																											35	35	35	84
22/ 21		.9	1.1																													18	18	28	27
20/ 19		.8	1.3																													21	21	17	51
18/ 17		.2	.2																													4	4	15	22
16/ 15		.3	.5																													8	8	4	11
14/ 13		.2	.8																													9	9	11	12
12/ 11		.3	.4																													7	7	10	15
10/ 9		.1	.1																													2	2	1	10
8/ 7		.2	.2																													4	4	5	
6/ 5																																				9
4/ 3																																				3
TOTAL	16.	76	8.8	13.3	.6		.5																											930		930
																																930	930		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6785982	79032	85.0	8.668	930							
Dry Bulb	1037733	30331	32.6	7.227	930		45.4					93
Wet Bulb	946609	28971	31.2	6.891	930		54.1					93
Dew Point	810506	26510	28.5	7.682	930		64.6					93

USAFETAC FORM 0-26.5 (OL A) 80-84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34095 HAHN AP/HUNSRUCK GERMANY 69-73 JAN
STATION STATION NAME YEARS MONTH

 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53						.0												1	1		
52/ 51		.0	.0		.1	.0												11	11	1	
50/ 49	.1	.3	.2	.1	.2	.0												65	65	17	11
48/ 47	.1	.3	.3	.1	.1													66	66	24	17
46/ 45	.1	1.1	.5	1	.0													138	138	59	25
44/ 43	.3	2.7	.6	.1	.0													277	277	158	70
42/ 41	.3	4.1	1.4	.1														437	437	372	166
40/ 39	.7	4.6	3.2	.1														640	640	383	284
38/ 37	.6	7.3	1.4	.1														692	692	647	411
36/ 35	.6	8.3	1.3	.0														766	766	760	634
34/ 33	1.5	8.5	1.8	.1	.1													895	895	958	708
32/ 31	1.9	9.3	1.5	.1														949	949	862	964
30/ 29	2.9	6.3	.4	.1	.0													728	728	1059	901
28/ 27	4.2	3.2	.4	.1														586	586	760	830
26/ 25	2.2	2.2	.3															349	349	389	578
24/ 23	.9	2.6	.1															269	269	274	582
22/ 21	.7	.9	.0															122	122	217	204
20/ 19	.9	1.1	.1															129	129	126	241
18/ 17	.8	.5	.0															98	98	134	177
16/ 15	.4	.4																66	66	66	150
14/ 13	.1	.2																68	68	59	95
12/ 11	.1	.5																47	47	67	74
10/ 9	.1	.3																26	26	36	71
8/ 7	.1	.1																12	12	16	68
6/ 5	.0																	1	1	1	60
4/ 3																					10
2/ 1																					3
TOTAL	19.6	65.4	13.4	1.1	.5	.0													7438		7436
																		7438		7438	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	54725375	634559	85.3	8.900	7438							
Dry Bulb	8417092	244347	32.9	7.241	7438		345.1					744
Wet Bulb	7654377	233,58	31.4	6.859	7438		406.0					744
Dew Point	6601651	2 4351	28.8	7.554	7438		510.9					744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34025 STATION | HAHN AP/HUNSRUCK GERMANY STATION NAME | 59-78 YEARS | FEB MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49		.1		.5														5	5		
48/ 47		.2	.1	.2														7	7	1	
46/ 45		1.1	.4	.1														13	13	2	1
44/ 43		1.3	1.7															25	25	19	4
42/ 41		2.5	1.7															35	35	19	9
40/ 39		3.8	2.0	.2	.1													52	52	43	11
38/ 37	.4	4.5	1.7	.4														58	58	52	36
36/ 35	1.2	9.7	2.1	.1														111	111	68	71
34/ 33	1.8	9.6	2.5															118	118	141	71
32/ 31	2.5	8.7	3.8															127	127	104	129
30/ 29	2.5	5.2	1.3															76	76	120	102
28/ 27	1.4	3.4	.5	.1														47	47	65	88
26/ 25	1.1	4.4	.1	.1														48	48	56	54
24/ 23	.1	5.4	.1															48	48	38	48
22/ 21	.4	1.7	.5															21	21	41	53
20/ 19	.2	2.1																20	20	26	54
18/ 17	.2	1.2																12	12	17	33
16/ 15	.5	.5																8	8	10	27
14/ 13	.4	.1																4	4	6	18
12/ 11	.2	.2																4	4	2	14
10/ 9	.2	.2																4	4	5	11
8/ 7	.2																	2	2	3	7
6/ 5	.1																	1	1	1	3
4/ 3																					2
TOTAL	13.4	66.0	18.8	1.8	.1													846	846		846
																		846		846	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	5883872	70092	82.9	9.526	846							
Dry Bulb	909510	27084	32.0	7.087	845		41.9					84
Wet Bulb	816536	25664	30.3	6.706	846		49.7					84
Dew Point	675682	23052	27.2	7.502	846		63.8					84

USAFETAC FORM 0-26-5 (OL A1) JUL 64 REVISED PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
9-72 — YEARS
FEB — MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B, W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47	.1	.2		.1														4	4	1	1
46/ 45		.7	.6	.1														12	12	2	2
44/ 43		1.2	.7															16	16	7	4
42/ 41		3.9	.6															40	40	26	7
40/ 39		3.1	1.3															37	37	32	13
38/ 37	.6	6.0	1.3	.1														72	72	42	47
36/ 35	1.5	8.4	1.4	.6														101	101	83	52
34/ 33	1.3	10.0	1.3	.2														109	109	110	86
32/ 31	1.6	7.8	2.0	.1														99	99	104	93
30/ 29	1.7	7.3	1.3															87	87	124	102
28/ 27	2.8	3.3	1.1															61	61	77	102
26/ 25	2.4	4.0																54	54	59	64
24/ 23	.6	6.1	.5															61	61	43	55
22/ 21	1.5	2.1																29	29	55	47
20/ 19	.6	2.0																22	22	27	54
18/ 17	.4	1.2																13	13	13	21
16/ 15	.6	.7																11	11	16	16
14/ 13	.1	.4																4	4	5	15
12/ 11	.5	.1																5	5	6	14
10/ 9	.5	.1																5	5	5	15
8/ 7	.2																	4	4	4	8
6/ 5																					5
TOTAL	17.1	88.8	12.8	1.3														846	546	846	845

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	6102620	71454	84.5	8.941	846		45.2					84
Dry Bulb	860186	26300	31.1	7.099	846		53.9					84
Wet Bulb	781498	25056	29.6	6.778	846		64.9					84
Dew Point	657582	22702	26.8	7.567	846							84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AP/HUNSRUCK GERMANY STATION NAME | 9-71 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47		.4	.5	.2														9	9		
46/ 45		.7	.5	.2														13	13	4	
44/ 43		.7	.3															10	10	9	2
42/ 41		2.4	1.2															30	30	16	11
40/ 39		3.2	2.0		.1													50	50	33	8
38/ 37	.2	5.5	1.4	.1														61	61	51	32
36/ 35	1.3	8.7	1.7	.4														102	102	81	52
34/ 33	.6	9.7	1.1	.5														102	102	111	77
32/ 31	2.0	11.2	2.7															140	140	102	126
30/ 29	2.5	6.0	.9															80	80	131	106
28/ 27	2.8	3.4	.5															57	57	84	91
26/ 25	1.4	5.2	.4															59	59	49	59
24/ 23	1.2	5.7																58	58	58	60
22/ 21	.4	1.7																17	17	32	43
20/ 19	.6	1.1																16	16	27	60
18/ 17	.4	.6																10	10	8	53
16/ 15	.8	.9																15	15	13	18
14/ 13	.1	.6																6	6	8	16
12/ 11	.4	.2																5	5	8	11
10/ 9	.5	.1																5	5	5	9
8/ 7	.1																	1	1	1	9
6/ 5																					3
TOTAL	16.3	68.2	13.9	1.4	.1													846	846	846	845

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6059661	71217	84.2	8.740	846							
Dry Bulb	869950	26484	31.3	6.955	846		46.6					84
Wet Bulb	787404	25210	29.8	6.543	846		53.7					84
Dew Point	659812	22810	27.0	7.200	846		65.9					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34035 HAHN AB/HUNSRUCK GERMANY 9-72 FEB
STATION STATION NAME YEARS MONTH

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

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57						.1												1	1		
54/ 53				.1														1	1		
52/ 51			.1		.1													2	2		
50/ 49			.1		.4													4	4	1	
48/ 47		.4	.6	.2	.1													11	11	2	
46/ 45		.9	.9	.1														17	17	6	1
44/ 43	.1	.4	2.4	.3	.1	.1												29	29	13	5
42/ 41	.1	1.5	2.5		.1													36	36	20	14
40/ 39		2.4	3.7	.8	.4													61	61	36	4
38/ 37	1.4	6.2	2.1	.6	.1													88	88	61	42
36/ 35	.7	9.0	1.9	.2														100	100	84	70
34/ 33	1.5	9.0	1.8	.4														107	107	129	82
32/ 31	.8	8.1	2.0	.2														99	99	104	89
30/ 29	1.7	8.5	1.2	.2														81	81	113	122
28/ 27	1.3	3.9	.8															51	51	75	79
26/ 25	1.1	4.5	.6															52	52	53	63
24/ 23	.2	5.0	.2															46	46	58	66
22/ 21	.5	1.9	.1															21	21	30	50
20/ 19	.5	1.2	.1															15	15	24	54
18/ 17	.4	.4																6	6	9	33
16/ 15	.1	.5																5	5	6	22
14/ 13	.1	.4																4	4	6	10
12/ 11	.4	.2																5	5	5	10
10/ 9																					10
8/ 7	.2																	2	2	2	5
6/ 5																					2
TOTAL	11.1	62.2	21.8	3.3	1.3	.2												844	844	844	844

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5701690	68790	81.5	10.615	844							
Dry Bulb	948690	27670	32.8	7.020	844		38.5					84
Wet Bulb	837799	26033	30.8	6.427	844		48.3					84
Dew Point	682357	23233	27.5	7.127	844		62.2					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 9-73 YEARS | FEB MONTH

PAGE 1 | 1200-1400 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55						.1												1	1		
54/ 53			.1	.2	.1													4	4		
52/ 51						.4												3	3		
50/ 49		.2	.7	.7	.5	.1	.1											20	20	2	
48/ 47		.2	1.8	1.5		.4												33	33	4	
46/ 45		.6	1.8	1.5	.1	.2	.1											37	37	10	3
44/ 43	.2	.7	1.9	1.8	.6	.4												47	47	30	7
42/ 41	.1	1.5	3.1	.6	.2	.2												49	49	42	9
40/ 39	.2	3.1	4.3	1.1	.6													78	78	59	23
38/ 37	1.5	0.3	2.4	.8														93	93	96	49
36/ 35	.8	0.6	3.8	1.2														105	105	107	80
34/ 33	.4	0.4	3.4	.7														92	92	108	92
32/ 31	1.5	0.4	2.0	.5														95	95	100	124
30/ 29	.4	3.0	1.2															43	43	86	98
28/ 27	.8	3.4	1.2															46	46	54	61
26/ 25	.6	3.6	1.3															46	46	51	56
24/ 23	.0	2.5	.4															29	29	47	56
22/ 21	.1	.4	.1															5	5	29	51
20/ 19	.4	.5																7	7	11	32
18/ 17		.4																3	3	4	28
16/ 15	.2	.4																5	5	5	22
14/ 13	.4	.1																4	4	5	19
12/ 11																					10
10/ 9																					4
8/ 7																					1
TOTAL	8.3	46.7	30.2	16.7	2.1	1.8	.2												845		845
																		845		845	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5138458	64938	76.8	13.242	845							
Dry Bulb	1105073	29947	35.4	7.199	845		28.1					84
Wet Bulb	939763	27667	32.7	6.337	845		38.5					84
Dew Point	729224	24078	28.5	7.148	845		57.9					84

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34059 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 0-75 YEARS | FEB MONTH

PAGE 1 | 1500-1700 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30	≥31	TOTAL D.B.-W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53				.1															1	1		
52/ 51				.1	.4	.1													5	5		
50/ 49			.5	.5	.2	.2													12	12		
48/ 47		.1	1.2	.7	.5														21	21	2	
46/ 45		.6	1.5	1.9		.4													37	37	11	
44/ 43	.1	.8	1.2	1.5	.5	.4	.1												39	39	24	6
42/ 41	.2	1.1	4.3	.7	.4														61	61	36	17
40/ 39		3.7	5.1	1.9	.7														96	96	52	14
38/ 37	.9	4.1	3.4	.9															80	80	91	46
36/ 35	1.1	6.0	3.9	.7	.2														101	101	97	46
34/ 33	.8	6.7	3.1	.8															97	97	119	81
32/ 31	1.1	5.7	2.4	.2															79	79	106	106
30/ 29	.3	4.7	1.4	.1															57	57	95	104
28/ 27	1.1	3.0	1.4	.1															47	47	69	80
26/ 25	.3	4.0	1.2																49	49	50	55
24/ 23	.4	3.1	.3																33	33	44	69
22/ 21	.3	1.2	.1																15	15	32	42
20/ 19	.2	.2																	4	4	14	46
18/ 17	.2																		2	2	5	31
16/ 15	.3	.5																	8	8	6	27
14/ 13		.2																	2	2	4	20
12/ 11																						0
10/ 9																						0
8/ 7																						4
TOTAL	8.2	45.7	31.7	10.4	2.8	1.1	.1												846		846	846

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	no. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5128613	64977	76.8	12.782	846							
Dry Bulb	1070771	29503	34.9	7.042	846		29.4					84
Wet Bulb	911319	27263	32.2	6.225	846		41.5					84
Dew Point	703866	23654	28.0	7.092	846		61.0					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34035 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 6-7 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					
52/ 51				.2	.1														3	3		
50/ 49			.1	.2	.1														4	4		
48/ 47			.5	.1	.1														5	6		
46/ 45		1.1	1.7	.2															25	25	4	
44/ 43		1.1	2.4	.2	.1														31	31	18	2
42/ 41		1.4	2.6	.4															37	37	29	5
40/ 39		3.2	4.4	1.1	.2														75	75	38	20
38/ 37	.8	4.4	3.7	.9	.4														86	86	74	40
36/ 35	.9	8.5	2.8	.5															108	103	92	52
34/ 33	1.4	9.1	3.8	.2															123	123	137	79
32/ 31	2.5	7.9	3.3	.5															120	120	113	142
30/ 29	1.4	3.6	.7																50	50	115	120
28/ 27	1.3	4.0	1.1																54	54	56	78
26/ 25	.2	3.7	.4																36	30	46	59
24/ 23	.1	4.0	.6																40	40	39	52
22/ 21	.2	1.7	.4																19	19	42	32
20/ 19	.5	1.2	.1																15	15	20	41
18/ 17		.1																	1	1	9	49
16/ 15	.6	.1																	6	6	7	23
14/ 13	.2	.4																	5	5	5	19
12/ 11		.2																	2	2	2	12
10/ 9																						6
8/ 7																						3
TOTAL	10.3	55.8	28.3	4.6	1.1																846	846
																			846		846	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5533381	67795	80.1	10.909	846							
Dry Bulb	986061	28335	33.5	6.621	346		34.6					84
Wet Bulb	854935	26651	31.4	6.121	846		45.1					84
Dew Point	695558	23520	27.8	7.022	846		63.3					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AP/HUNSRUCK GERMANY STATION NAME — 9-73 YEARS — FEB MONTH

PAGE 1 — 2100-2300 HOURS L.S.T.

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.=W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51				.2														2	2		
50/ 49				.2														2	2		
48/ 47		.1	.1	.2	.2													6	6		
46/ 45		.6	.6	.2														12	12	5	
44/ 43		1.2	1.4	.2														27	27	11	1
42/ 41		1.9	3.7	.1														48	48	19	12
40/ 39		2.6	2.6	.5	.2													50	50	42	3
38/ 37	.4	5.1	2.6	.5														72	72	52	32
36/ 35	1.4	6.9	3.5	.4														120	120	84	66
34/ 33	1.3	10.3	2.6	.6														125	125	132	82
32/ 31	1.3	6.4	3.4															94	94	124	91
30/ 29	1.3	6.1	1.3	.1														75	75	104	127
28/ 27	2.1	3.2	1.1	.1														55	55	82	97
26/ 25	.6	4.3	.5	.1														46	46	43	49
24/ 23		4.0	.5															38	38	43	60
22/ 21	.5	3.0	.5															36	36	37	54
20/ 19	.2	2.1																20	20	25	51
18/ 17		.7																6	6	18	37
16/ 15	.4																	3	3	6	35
14/ 13	.4	.2																5	5	5	14
12/ 11	.1	.2																3	3	3	13
10/ 9		.1																1	1	1	10
8/ 7																					0
6/ 5																					1
TOTAL	10.3	61.0	24.7	3.5	.5													846	846	846	846

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5645355	68541	81.0	10.452	846							
Dry Bulb	930374	27478	32.5	6.696	846		37.9					84
Wet Bulb	822282	25842	30.5	6.241	846		49.7					84
Dew Point	664455	22929	27.1	7.135	846		64.0					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AR/HUNSRUCK GERMANY STATION NAME | 9-7 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
58/ 57						.0													1	1		
56/ 55						.0													1	1		
54/ 53			.0	.1	.0														6	6		
52/ 51			.0	.1	.1	.1													15	15		
50/ 49		.0	.2	.3	.1	.0	.0												47	47	3	
48/ 47	.0	.2	.6	.4	.1	.0													97	97	10	1
46/ 45		.8	1.0	.6	.0	.1	.0												166	166	44	7
44/ 43	.1	.9	1.5	.5	.2	.1	.0												224	224	136	32
42/ 41	.1	2.0	2.5	.2	.1	.0													336	336	207	84
40/ 39	.3	3.1	3.2	.7	.3														499	499	337	101
38/ 37	.8	5.2	2.4	.5	.1														610	610	519	326
36/ 35	1.1	8.2	2.0	.5	.0														848	848	696	519
34/ 33	1.2	8.9	2.5	.4															873	873	983	830
32/ 31	1.6	7.8	2.9	.2															853	853	859	902
30/ 29	1.5	5.4	1.2	.1															549	549	888	881
28/ 27	1.7	3.5	1.0	.0															418	418	553	676
26/ 25	1.0	4.2	.5	.0															390	390	407	469
24/ 23	.4	4.5	.3																353	353	365	476
22/ 21	.5	1.7	.2																163	163	325	378
20/ 19	.4	1.3	.0																119	119	179	422
18/ 17	.2	.0																	53	53	88	315
16/ 15	.5	.4																	61	61	69	192
14/ 13	.2	.3																	34	34	44	131
12/ 11	.2	.2																	24	24	26	90
10/ 9	.1	.1																	15	15	16	73
8/ 7	.1																		9	9	10	43
6/ 5	.0																		1	1	1	15
4/ 3																						2
TOTAL	11.9	59.3	22.6	4.6	1.0	.4	.0												6765	6765	6765	6765

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	45193650	547804	81.0	11.108	6765							
Dry Bulb	7680615	222801	32.9	7.119	6765		302.2					672
Wet Bulb	6761530	209296	30.9	6.506	6765		380.5					672
Dew Point	5467536	185978	27.5	7.242	6765		503.1					672

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34035 STATION — HAHN AP/HUNSRUCK GERMANY STATION NAME — 72-77 YEARS — MAR MONTH

PAGE 1 — 0000-0400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
58/ 57							.1											1	1		
56/ 55						.3	.1											4	4		
54/ 53					.1	.3	.1											5	5		
52/ 51			.1	.6	.3	.2												12	12		
50/ 49			1.9	.9	.4	.3	.1											34	34		
48/ 47		.4	2.0	.5	.5	.1												34	34	7	
46/ 45	.2	.5	1.4	.0	5	.1												32	32	36	6
44/ 43	.1	2.4	1.4	1.6	.3													54	54	42	11
42/ 41	.2	2.0	3.4	.9														61	61	46	28
40/ 39	1.2	1.8	4.4	.4														73	73	63	40
38/ 37	.5	4.5	2.9	.3														77	77	99	56
36/ 35	.4	5.1	3.8	1.1	.1													97	97	91	62
34/ 33	.9	4.4	4.3	.6														95	95	89	95
32/ 31	2.3	6.2	4.3	.5	.3													127	127	107	119
30/ 29	1.4	4.6	2.0															75	75	117	108
28/ 27	1.4	2.9	1.6	.1														50	50	85	74
26/ 25	1.2	1.1	1.0	.1														31	31	55	76
24/ 23	.9	1.5	1.1															32	32	28	77
22/ 21	.1	1.0	.5															15	15	19	40
20/ 19		.2																2	2	25	38
18/ 17	.4																	4	4	6	24
16/ 15		.1																1	1	1	16
14/ 13	.1	.3																4	4	2	17
12/ 11	.2	.3																5	5	4	12
10/ 9	.2	.2																4	4	7	14
8/ 7	.1																	1	1	1	7
6/ 5																					4
4/ 3																					3
TOTAL	11.8	39.7	35.6	8.4	2.7	1.4	.4											930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5725748	71928	77.3	13.234	930							
Dry Bulb	1224860	32940	35.4	7.911	930		35.1					93
Wet Bulb	1046903	30509	32.8	7.040	930		45.7					93
Dew Point	821117	26637	28.6	7.914	930		62.9					93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 8-77 YEARS — MAR MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55						.2												2	2		
54/ 53						.1												1	1		
52/ 51			.3	.4	.3													10	10		
50/ 49			.5	.2	.1	.4												12	12	1	
48/ 47		.1	1.9	.3	.4	.1												27	27	3	1
46/ 45	.1	.9	1.7	.2	.2													29	29	27	2
44/ 43	.2	1.6	1.2	.9	.3													39	39	32	8
42/ 41		3.5	4.3	.8	.5													85	85	42	29
40/ 39	.9	3.7	3.2	.4														76	76	61	46
38/ 37	.9	3.4	3.2	.1	.2													73	73	72	52
36/ 35	.5	6.1	2.6	.9	.1													95	95	79	68
34/ 33	.3	4.3	4.6	.2														93	93	104	73
32/ 31	1.2	5.2	2.4	.1														82	82	86	91
30/ 29	1.9	7.2	2.2	.2	.1													108	108	140	107
28/ 27	1.7	2.9	1.0	.2														54	54	82	91
26/ 25	2.0	2.2	.3															42	42	59	80
24/ 23	1.3	2.5	.3	.1														43	43	44	96
22/ 21	.5	.9	1.1															23	23	22	49
20/ 19	.4	1.0	.2															15	15	21	32
18/ 17	.1	.3																4	4	18	27
16/ 15	.1	.2																3	3	4	15
14/ 13		.2																3	3	4	7
12/ 11	.1	.3																4	4	3	14
10/ 9		.2																2	2	4	16
8/ 7	.3	.1																4	4	4	9
6/ 5	.1																	1	1	1	9
4/ 3																					2
TOTAL	13.4	46.8	31.5	5.1	2.4	.9												930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6059649	74153	79.7	12.584	930							
Dry Bulb	1138287	31713	34.1	7.824	930		38.8					93
Wet Bulb	991688	29638	31.9	7.125	930		49.2					93
Dew Point	797599	26203	28.2	7.991	930		64.9					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34056 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | APR MONTH

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

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17	18	19	20	21	22	23	24	25	26	27	28	29-30	≥ 31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
62/ 61										.1																	1		
56/ 55					.1		.2																		3		3		
54/ 53				.1		.1	.1																		3		3		
52/ 51				.3	.1																				4		4		
50/ 49			1.1	.6	.2																				19		19	2	
48/ 47		.1	2.2	.9	.2	.1																			32		32	1	
46/ 45	.1	.9	1.3	.9	.4																				33		33	21	3
44/ 43	.1	2.6	2.3	.6																					54		54	45	9
42/ 41	.2	2.8	3.0	.5	.2																				63		63	45	32
40/ 39	1.0	3.0	4.2	.5	.2																				90		90	61	43
38/ 37	.5	3.3	2.3	.4	.2																				63		63	61	55
36/ 33	.4	7.0	2.3																						95		95	82	71
34/ 33	1.0	3.8	3.2	.4																					78		78	115	87
32/ 31	2.0	7.7	4.0	.2	.1																				139		139	79	119
30/ 29	1.3	4.3	1.4	.1																					71		71	126	101
28/ 27	2.3	2.6	1.4	.3																					61		61	85	88
26/ 25	1.7	2.0	.3	.1																					39		39	56	82
24/ 23	1.3	1.5	.4																						30		30	38	73
22/ 21	.1	1.3	.3																						16		16	22	55
20/ 19	.4	1.1	.1																						15		15	18	27
18/ 17	.1	.4																							5		5	14	23
16/ 15	.1	.2																							3		3	6	31
14/ 13	.1	.3																							4		4	3	17
12/ 11		.2																							2		2	1	11
10/ 9	.1	.2																							3		3	3	10
8/ 7	.2	.1																							3		3	5	6
6/ 5	.1																								1		1	1	3
4/ 3																													4
TOTAL	13.8	46.2	31.3	6.2	1.8	.2	.3			.1															930		930		930
																									930			930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6048418	74160	79.7	12.044	930							
Dry Bulb	1170352	32174	34.6	7.852	930		39.2					93
Wet Bulb	1019942	30084	32.3	7.096	930		45.7					93
Dew Point	822598	26682	28.7	7.839	930		63.0					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34035 HAHN AB/HUNSRUCK GERMANY B-77 MAY

STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100 HOURS G.M.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22 23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Point
66/ 67									.1									1	1	
66/ 65										.2								2	2	
64/ 63								.1										1	1	
62/ 61						.1	.1	.2	.1									5	5	
60/ 59					.2	.3	.2	.3										10	10	
58/ 57					.1	.3	.3											7	7	
56/ 55				.2	.4	.1	.3											10	10	
54/ 53				.3	.5	.9	.2											18	18	
52/ 51			.2	.9	.2	.2												14	14	6
50/ 49			1.3	1.1	.6	.1												29	29	7
48/ 47		.9	1.7	1.2	.6	.1												42	42	25
46/ 45		1.6	2.0	2.4														56	56	50 4
44/ 43		2.0	2.3	1.8	.5													67	67	55 15
42/ 41	.1	3.0	4.1	1.2	.3	.2												83	83	67 59
40/ 39	.8	3.2	4.1	1.7	.6	.1												98	98	87 42
38/ 37		3.0	2.2	1.0	.6	.1												70	70	80 64
36/ 35	.5	3.7	3.5	1.1	.2													84	84	81 98
34/ 33	1.4	3.3	4.7	.8	.3													98	98	97 100
32/ 31	.2	4.7	2.0	.3	.3													71	71	90 76
30/ 29	.6	3.9	1.5	.8	.1													64	64	125 79
28/ 27	.9	1.7	1.2	.1														36	36	53 81
26/ 25	.5	1.3	1.0															26	26	41 77
24/ 23	.5	1.2	.4															20	20	29 93
22/ 21		.2																2	2	18 19
20/ 19	.1	.3																4	4	3 29
18/ 17	.2	.2	.1															5	5	5 24
16/ 15																				2 18
14/ 13		.5																5	5	3 19
12/ 11	.1																	1	1	4 10
10/ 9	.1																	1	1	1 9
8/ 7																				3
6/ 5																				6
TOTAL	0.1	34.8	32.9	15.4	5.9	2.6	1.2	.4	.2	.2								930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5198552	68108	73.2	15.060	930							
Dry Bulb	1420926	35476	38.1	8.533	930		23.5	.1				93
Wet Bulb	1167[illegible]	32270	34.7	7.152	930		37.4					93
Dew Point	880505	27651	29.7	7.927	930		54.5					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71								.1		.1								2	2		
70/ 69								.1				.1						2	2		
68/ 67												.2						2	2		
66/ 65							.1	.1	.1	.1								4	4		
64/ 63							.4		.1	.1								6	6		
62/ 61						.8	.8	.1	.9	.1								24	24		
60/ 59					.4	.6	.1	.2	.3									16	16	1	
58/ 57					1.1	.1	.3	.3										17	17		
56/ 55				.3	.4	.2	.5	.1										15	15	2	
54/ 53			.1	.9	1.0	.4	.1											23	23	1	
52/ 51			.4	.9	.8	.3												22	22	25	
50/ 49		.3	1.3	1.9	2.2	.4	.2	.1										65	65	22	1
48/ 47		.8	1.4	1.7	1.8	.6												59	59	40	2
46/ 45		1.2	1.8	2.6	.9	.6	.3											69	69	62	23
44/ 43		1.7	2.3	3.2	1.5	.4	.2											87	87	57	42
42/ 41	.1	1.3	2.2	1.1	.6	.9	.3											60	60	74	37
40/ 39		1.3	3.4	2.0	1.5	.2	.2											81	81	76	44
38/ 37	.3	2.7	2.9	2.2	.9	.2												85	85	98	44
36/ 35	.9	3.2	5.3	.8	.2	.1												97	97	95	87
34/ 33	.3	2.2	3.0	1.0	.5	.1												66	66	107	94
32/ 31	.6	3.2	1.7	.6	.3													61	61	106	113
30/ 29	.1	1.7	1.2	.8														35	35	68	80
28/ 27	.2	.5	.6															13	13	40	78
26/ 25		.4	.2															6	6	26	90
24/ 23		.3	.1															4	4	16	47
22/ 21																				5	24
20/ 19		.1																1	1		31
18/ 17		.3																3	3	1	27
16/ 15		.4																4	4	3	17
14/ 13		.1																1	1	5	21
12/ 11																					9
10/ 9																					8
8/ 7																					7
6/ 5																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. #.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	2.6	21.8	28.5	19.9	14.1	6.1	3.7	1.2	1.4	.4		.3					930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4276623	61061	65.7	16.970	930		12.8	.6				93
Dry Bulb	1699213	38851	41.8	9.057	930		27.0					93
Wet Bulb	1306816	34226	36.8	7.130	930		55.6					93
Dew Point	909879	28035	30.1	8.349	930							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34053 — STATION
HAHN AB/INNSBRUCK GERMANY — STATION NAME
58-77 — YEARS
MAR — MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69										.1								1	1		
68/ 67									.1		.1	.1						3	3		
66/ 65							.1		.1									2	2		
64/ 63							.2		.1	.1								4	4		
62/ 61						.3	.4	.1	.3									11	11		
60/ 59					.3	.9	.9	.3	.6									28	28		
58/ 57					1.0	.4	.1	.4										18	18		
56/ 55				.4	.5	.9	.9											21	21		
54/ 53				1.1	.5	.1	.1											17	17	1	
52/ 51			.2	1.3	1.0	.5												28	26	13	
50/ 49		.2	1.1	1.2	1.2	.3	.2	.1										40	40	28	
48/ 47		.3	1.5	1.5	1.6	.8	.2											55	55	40	
46/ 45		1.1	1.8	2.2	1.2	.4	.1											63	63	42	10
44/ 43		1.5	2.4	2.0	1.6	.3												75	75	67	29
42/ 41		1.4	4.0	3.1	2.0	1.0	.1											108	108	74	55
40/ 39		.9	3.4	2.7	1.5	.2												81	81	70	39
38/ 37	.1	3.4	2.6	2.9	.6	.1												91	91	93	47
36/ 35	.4	2.9	4.1	1.5	.5	.2												90	90	114	90
34/ 33	.6	2.2	4.0	.9	.8	.1												79	79	103	90
32/ 31	.1	1.7	1.7	.9	.1													42	42	100	80
30/ 29		1.9	.6	.6	.1													31	31	84	93
28/ 27	.1	1.0	.5	.2														17	17	39	83
26/ 25		.5	.5															10	10	31	70
24/ 23		.3	.2															5	5	14	85
22/ 21		.1																1	1	7	36
20/ 19		.1																1	1	1	29
18/ 17		.2	.1															3	3	1	29
16/ 15	.1	.3																4	4	4	17
14/ 13		.1																1	1	4	18
12/ 11																					11
10/ 9																					4
8/ 7																					9
6/ 5																					6

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
63-77 — YEARS
MAR — MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	1.5	20.2	28.6	22.5	14.6	6.1	3.3	1.0	1.3	.2	.1	.1						930		930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4175201	60401	64.9	16.480	930							
Dry Bulb	1660827	38445	41.3	8.777	930		11.5	.4				93
Wet Bulb	1272654	33786	36.3	6.978	930		28.5					93
Dew Point	872570	27450	29.5	8.193	930		57.0					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 — STATION
HAHN AP/HUNSRUCK GERMANY — STATION NAME
-77 — YEARS
MAR — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67									.1										1	1		
64/ 63									.1										1	1		
62/ 61								.1	.1										2	2		
60/ 59						.1			.1										2	2		
58/ 57					.2	.2	.2	.1											7	7		
56/ 55				.2	1.1	.3	.2												17	17		
54/ 53			.2	.9	.5	.4	.4												23	23		
52/ 51			.4	.9	.4	.6	.5												27	27	2	
50/ 49		.1	1.3	.9	.3	.4													28	28	12	1
48/ 47	.1	.4	1.7	1.3	.5	.2													37	37	29	2
46/ 45		1.6	2.5	2.2	.2														60	60	35	5
44/ 43		2.6	2.4	2.0	.2														67	67	56	20
42/ 41		1.4	4.1	1.0	.2														62	62	68	34
40/ 39	.3	1.1	6.7	1.7	.5														96	96	72	57
38/ 37		3.9	3.6	1.6	.5														89	89	82	39
36/ 35	.4	4.0	4.5	1.7	.2	.1													102	102	110	75
34/ 33	.3	3.4	5.4	1.5	1.0														108	108	108	106
32/ 31	.8	3.3	3.7	.9	.8														87	87	106	117
30/ 29	.5	2.6	.9	.6	.1														45	45	83	99
28/ 27	.4	1.1	.4	.2															20	20	67	85
26/ 25	.3	1.4	.8																21	21	38	62
24/ 23		1.0	.1																10	10	21	70
22/ 21		.3	.1																4	4	17	39
20/ 19		.2																	2	2	3	29
18/ 17		.2																	2	2	4	16
16/ 15	.1	.3																	4	4	3	15
14/ 13	.2	.2																	4	4	5	21
12/ 11	.1																		1	1	2	14
10/ 9																						11
8/ 7																						8
6/ 5																						4
TOTAL	3.7	29.0	38.6	17.3	6.9	2.5	1.4	.2	.4											929		929
																		929		929		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4087048	66024	71.1	14.486	929							
Dry Bulb	1437091	35771	38.5	8.023	929		20.0	.1				93
Wet Bulb	1168720	32328	34.8	6.866	929		34.9					93
Dew Point	861021	27289	29.4	8.002	929		59.1					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57								.3										3	3		
56/ 55					.1	.4												5	5		
54/ 53				.3	.3	.6												13	13		
52/ 51			.8	1.1	.2	.3	.2											24	24		
50/ 49			1.2	1.1	.2	.0	.2											31	31		
48/ 47		.2	1.6	.4	.3	.3	.1											30	30	18	
46/ 45	.1	1.1	1.8	1.1	.5													43	43	41	3
44/ 43	.1	1.6	2.0	1.4	.2													50	50	49	12
42/ 41	.2	2.7	4.7	.8														78	78	42	37
40/ 39	.3	2.2	5.7	.6														82	82	80	51
38/ 37	.4	4.1	4.2	.8	.1													89	89	65	50
36/ 35	.5	4.7	3.4	1.3	.3													114	114	101	72
34/ 33	1.2	2.7	4.1	.8														81	81	97	95
32/ 31	1.2	3.7	3.4	.8	.3													87	87	103	96
30/ 29	1.0	4.6	1.8	1.1														79	79	100	99
28/ 27	1.3	2.5	1.2	.4														50	50	91	85
26/ 25	.3	1.0	.4	.3														19	19	39	74
24/ 23	.5	1.7	.6															27	27	34	83
22/ 21	.3	.3	.4															10	10	26	43
20/ 19		.1																1	1	6	44
18/ 17		.2																2	2	5	16
16/ 15		.2																2	2	1	19
14/ 13		.2																2	2	3	11
12/ 11	.1	.2																3	3	4	10
10/ 9	.3	.2																5	5	5	12
8/ 7																					11
6/ 5																					7
TOTAL	8.0	34.2	39.7	12.2	2.7	2.5	.5	.3											930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5344575	69347	74.6	13.670	930							
Dry Bulb	1303386	34032	36.6	7.904	930		28.7					93
Wet Bulb	1090527	31183	33.5	6.957	930		41.7					93
Dew Point	830490	26800	28.8	7.914	930		61.0					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 63-77 YEARS | MAR MONTH

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

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71								.0		.0								2	2		
70/ 69								.0		.0		.0						3	3		
68/ 67									.0		.0	.0						7	7		
66/ 65							.0	.0	.0	.0								8	8		
64/ 63							.1	.0	.0	.0								12	12		
62/ 61						.1	.2	.1	.2	.0								43	43		
60/ 59					.1	.2	.1	.1	.1									56	56	1	
58/ 57					.3	.1	.1	.1										53	53		
56/ 55				.1	.3	.3	.3	.0										77	77	2	
54/ 53			.0	.4	.4	.4	.1											103	103	2	
52/ 51			.3	.8	.4	.3	.1											141	141	46	
50/ 49		.1	1.3	1.0	.7	.3	.1	.0										258	258	72	2
48/ 47	.0	.4	1.0	.9	.8	.3	.0											316	316	164	5
46/ 45	.1	1.1	1.8	1.5	.5	.1	.1											385	385	311	50
44/ 43	.1	2.0	2.1	1.7	.6	.1	.0											493	493	403	149
42/ 41	.1	2.3	3.7	1.2	.5	.3	.1											600	600	458	311
40/ 39	.6	2.2	4.4	1.3	.6	.1	.0											677	677	595	364
38/ 37	.3	3.5	3.0	1.2	.4	.1												637	637	710	409
36/ 35	.5	4.6	4.0	1.0	.2	.1												774	774	753	623
34/ 33	.8	3.3	4.2	.8	.3	.0												698	698	820	741
32/ 31	1.0	4.5	3.0	.5	.3													696	696	777	813
30/ 29	.9	3.9	1.5	.5	.1													508	508	843	766
28/ 27	1.0	1.9	.9	.2														301	301	542	665
26/ 25	.8	1.2	.6	.1														194	194	345	611
24/ 23	.0	1.3	.5	.0														171	171	224	624
22/ 21	.1	.5	.3															71	71	136	285
20/ 19	.1	.4	.0															41	41	77	259
18/ 17	.1	.2	.0															28	28	54	186
16/ 15	.1	.2																21	21	24	152
14/ 13	.1	.3																24	24	29	131
12/ 11	.1	.1																15	16	18	91
10/ 9	.1	.1																15	15	20	84
8/ 7	.1	.0																8	8	10	60
6/ 5	.0																	2	2	2	43

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34056 HAHN AB/HUNSRUCK GERMANY 8-77 MAR
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
4/ 3																								9
TOTAL	7.	63	4.	13	3.	41	3.	0.	4	2.	0	1.	4	.	4	.	4	.	1	.	0	.	1	7439		7439
																						7439		7439

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	41715814	545182	73.3	15.387	7439							
Dry Bulb	11054942	279402	37.6	8.684	7439		209.6	1.2				744
Wet Bulb	9064508	254024	34.1	7.243	7439		310.1					744
Dew Point	6795779	216747	29.1	8.038	7439		478.0					744

USAFETAC FORM 0-26-5 (OL A) 3/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | APR MONTH

PAGE 1 | 0000-0200 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.=W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65							.2											2	2		
64/ 63							.1	.1										2	2		
62/ 61						.2	.3	.1										6	6		
60/ 59						.2												2	2		
58/ 57					.1	.3	.1											5	5		
56/ 55					.3	.1		.1	.1									6	6		
54/ 53			.3	.1	1.3	.8	.1											24	24	2	
52/ 51		.1	1.6	.3	1.1	.0	.1	.1										35	35	4	
50/ 49		1.7	3.3	1.0	1.4	1.2	.2											80	80	22	3
48/ 47	.1	2.4	2.6	.7	1.1	.6												67	67	43	17
46/ 45	.1	3.1	2.7	1.9	.7													76	76	58	28
44/ 43		3.3	1.7	1.6	.7													65	65	73	45
42/ 41		3.8	3.8	1.2	.7													85	85	88	55
40/ 39	.1	.9	3.1	2.9	.6													68	68	86	52
38/ 37		3.0	4.1	1.2	.1													76	76	73	62
36/ 35		4.8	3.0	1.3	.2													89	89	85	63
34/ 33	.2	4.1	3.9	1.0	.2													85	85	114	71
32/ 31	.7	5.2	2.0	.4														75	75	36	134
30/ 29	.3	2.3	1.0	.1														34	34	88	89
28/ 27	.6	.3	.2	.1														15	15	44	89
26/ 25	.2	.1																3	3	18	76
24/ 23																				3	50
22/ 21																					18
20/ 19																					10
18/ 17																					17
16/ 15																					6
14/ 13																					6
12/ 11																					3
TOTAL	2.3	35.7	33.8	13.9	8.6	4.0	1.2	.4	.1									900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4961364	65524	72.8	14.573	900							
Dry Bulb	1555529	36823	40.9	7.378	900		12.7					90
Wet Bulb	1282523	33499	37.2	6.298	900		73.9					90
Dew Point	987191	29071	32.3	7.320	900		50.4					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34056 — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
3-77 — YEARS
APR — MONTH
PAGE 1
0300-0500 — HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63						.1												1		1		
62/ 61						.2	.1											3		3		
60/ 59						.2	.1											3		3		
58/ 57						.2												2		2		
56/ 55						.2												2		2		
54/ 53				.2	.4	.2	.1	.2										11		11	2	
52/ 51		.1	.0	.8	.7	.1												20		20	2	
50/ 49		1.0	.9	.9	.6	.7	.2											45		45	5	
48/ 47	.2	2.3	1.7	.3	.9	.2												51		51	35	9
46/ 45	.2	3.7	2.2	1.1	1.0													74		74	53	28
44/ 43	.1	3.4	2.7	1.4	.0													74		74	58	29
42/ 41		4.2	3.8	2.1														91		91	75	59
40/ 39		2.7	4.4	2.1														83		83	78	60
38/ 37		5.6	3.7	1.4	.2													96		98	78	54
36/ 35		5.3	2.0	.9														79		79	115	76
34/ 33	.3	5.0	3.3	.6														82		83	96	61
32/ 31	.4	5.1	2.4	.2														74		74	89	105
30/ 29	.3	4.8	.9	.4														58		58	109	97
28/ 27	.4	2.3	.6	.2														32		32	51	95
26/ 25	.8	.9																15		15	34	80
24/ 23		.1																1		1	10	77
22/ 21																						25
20/ 19																						16
18/ 17																						14
16/ 15																						8
14/ 13																						3
12/ 11																						2
TOTAL	2.9	47.1	29.7	12.8	4.6	2.2	.6	.2												900		900
																		900			900	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5356057	68399	76.0	13.249	900							90
Dry Bulb	1418309	35167	39.1	7.010	900		18.0					90
Wet Bulb	1202408	32420	36.0	6.201	900		29.3					90
Dew Point	951869	28557	31.7	7.134	900		52.2					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | -8-71 YEARS | APR MONTH

PAGE 1 | 0300-0300 HOURS (G.M.T.)

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69										.1								1	1		
66/ 65						.1	.1	.1										3	3		
64/ 63						.2	.1											3	3		
62/ 61					.2	.1		.1										4	4		
60/ 59						.1			.1									2	2		
58/ 57					.1	.2	.1	.1										5	5		
56/ 55			.2	.1	.6	.6	.1											14	14	2	
54/ 53			.2	.7	.4	.6	.2											19	19	5	
52/ 51			.7	1.2	.7	.7	.1											30	30	6	
50/ 49	.1	2.2	1.8	.7	1.2	.7												60	60	14	5
48/ 47	.1	2.7	2.6	.7	.8	.3												64	64	41	16
46/ 45	.1	3.4	2.7	1.7	.7													77	77	68	31
44/ 43	.2	3.7	2.2	1.9	.7													78	78	74	46
42/ 41		3.3	2.8	1.6	.4													73	73	85	48
40/ 39	.1	2.7	4.4	2.3	.3													89	89	91	55
38/ 37	.1	4.2	3.4	1.1	.3													83	83	97	64
36/ 35	.1	5.4	4.1	.7	.3													96	96	95	92
34/ 33	.1	4.3	2.7	.3														67	67	108	77
32/ 31	.3	5.2	2.4	.4														76	76	87	124
30/ 29	.3	2.9	.8	.2														38	38	78	96
28/ 27	.4	.9	.1															13	13	39	87
26/ 25	.2	.1																3	3	18	64
24/ 23	.1	.1																2	2	2	51
22/ 21																					16
20/ 19																					14
18/ 17																					4
16/ 15																					9
14/ 13																					1
TOTAL	2.4	41.2	31.1	13.6	6.8	3.6	.8	.3	.1	.1								900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5206884	67318	74.8	13.818	900
Dry Bulb	1543246	36672	40.7	7.382	900
Wet Bulb	1290202	33608	37.3	6.258	900
Dew Point	1016785	29599	32.9	6.943	900

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.							
Dry Bulb		13.2	.1				90
Wet Bulb		22.4					90
Dew Point		46.6					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 — HAHN AB/HUNSRUCK GERMANY — 8-77 (YEARS) — APR (MON.)

PAGE 1 — 0900-1100 (HOURS L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION °F. 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22-23	24-25-26	27	28-29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75										.2	.1							3	3		
74/ 73								.2		.1								2	2		
70/ 69							.1	.1	.1									3	3		
68/ 67						.1		.4	.1									6	6		
66/ 65						.1	.1	.3	.1									6	6		
64/ 63							.3	.3	.1	.2								9	9		
62/ 61				.1	.4	.2	.6	.4										16	16		
60/ 59				.1	.1	1.6	1.6	.6	.1									36	36	2	
58/ 57			.1	.4	.6	.9	.6	.2	.1									29	28	4	
56/ 55			.1	.6	.9	1.7	.6											36	36	5	
54/ 53			.4	.9	1.2	1.1	.7											39	39	16	
52/ 51			1.2	.7	.9	1.1												35	35	16	1
50/ 49		1.4	2.2	1.2	2.0	.9	.6											75	75	46	7
48/ 47	.2	1.1	1.9	2.2	1.2	.9	.1											69	69	71	22
46/ 45		2.0	2.9	2.0	1.4	.4												74	74	77	28
44/ 43		2.4	2.7	1.7	2.0	.1												80	80	80	42
42/ 41		2.8	2.2	3.3	1.8	.1												92	92	98	54
40/ 39		2.3	3.0	3.0	1.3	.3												90	90	88	67
38/ 37		2.6	4.0	1.2	.8													77	77	78	83
36/ 35		1.7	4.0	.6	.4													60	60	108	91
34/ 33	.1	.8	2.3	.2														31	31	80	80
32/ 31	.1	1.4	.9	.1														23	23	70	69
30/ 29	.1	.9																9	9	50	84
28/ 27		.1																1	1	11	90
26/ 25																					70
24/ 23																					54
22/ 21																					20
20/ 19																					6
18/ 17																					7
16/ 15																					11
14/ 13																					1
10/ 9																					1
TOTAL	.6	19.6	27.4	18.3	15.1	9.6	5.6	2.6	.7	.6	.1							900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4004135	58227	64.7	16.238	900
Dry Bulb	1920824	40856	45.4	8.578	900
Wet Bulb	1471412	35914	39.9	6.526	900
Dew Point	1045784	29966	33.3	7.311	900

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb		3.3	1.4	.5			90
Wet Bulb		13.1					90
Dew Point		41.5					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 77											.1	.2						3	3		
78/ 77											.2							2	2		
76/ 75										.3								3	3		
74/ 73										.1								1	1		
72/ 71								.1	.1	.1								3	3		
70/ 69							.1	.1	.6									7	7		
68/ 67							.3	.1	.6	.1	.2							12	12		
66/ 65						.3	.3	.7	.8	.4	.1							24	24		
64/ 63					.2	.1	1.8	1.3	.6	.1	.1							38	38		
62/ 61				.2	.1	.4	1.7	1.4	.2	.1								38	38		
60/ 59				.1	.1	.2	1.8	.4										24	24	2	
58/ 57				.2	.9	.9	1.2	1.0										36	38	10	
56/ 55			.1	1.0	.3	1.4	.7	.2										34	34	13	
54/ 53			.3	.3	1.0	1.2	1.7	.3										44	44	16	
52/ 51		.6	1.0	2.3	1.7	1.9	.4	.1										72	72	40	3
50/ 49		1.9	2.0	2.3	2.4	1.7	.1	.2										96	96	68	11
48/ 47		1.0	1.	1.1	2.4	1.8	.1											69	69	86	22
46/ 45		1.9	1.4	1.0	1.7	1.3	.1											67	67	84	35
44/ 43	.1	1.2	1.0	1.8	2.2	.7	.1											64	64	100	49
42/ 41		2.0	.6	2.6	1.4	.8												66	66	84	49
40/ 39	.1	1.8	2.2	2.4	1.3	.2												73	73	79	72
38/ 37		1.7	3.0	1.2	.6													58	58	81	83
36/ 35		.9	2.6	.8	.1													39	39	88	93
34/ 33	.1	.7	1.1	.1														18	18	83	67
32/ 31	.1	.6																6	6	47	92
30/ 29		.1																1	1	18	87
28/ 27																				1	82
26/ 25																					64
24/ 23																					38
22/ 21																					17
20/ 19																					12
18/ 17																					9
16/ 15																					15

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	.4	14.2	16.6	17.6	16.6	13.0	10.4	6.1	2.8	1.3	.8	.2						900		900
																	900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3348174	52536	58.4	17.694	900							
Dry Bulb	2225411	43961	48.8	9.321	900		.7	3.1	.9			90
Wet Bulb	1604267	37537	41.7	6.560	900		6.6					90
Dew Point	1065302	30230	33.6	7.451	900		41.6					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 8-77 YEARS — APR MONTH

PAGE 1 — 1500-1700 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29	30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79												.1							1	1		
78/ 77											.3								3	3		
76/ 75											.5								5	5		
72/ 71										.2									2	2		
70/ 69									.4	.2									6	6		
68/ 67							.1	.4	.2	.3	.2								12	12		
66/ 65					.1		.2	.3	1.2	.4	.2								23	23		
64/ 63				.1		.4	.3	1.0	1.4	.2	.1								33	33		
62/ 61				.1		.6	.8	1.0	.7	.1									29	29		
60/ 59				.4	.1	.2	2.3	.8	.3										38	38		
58/ 57		.2		.4	.4	1.3	1.0	.8	.2										40	40	7	
56/ 55				.6	.8	.9	1.4												33	33	9	
54/ 53			.8	.7	.9	2.1	1.1	.6											55	55	22	4
52/ 51		.3	.7	1.2	2.1	1.6	.7	.2											61	61	24	1
50/ 49		1.3	1.0	2.2	1.8	2.3	.4												82	82	66	4
48/ 47		1.4	1.3	1.1	1.4	1.1		.1											59	59	86	17
46/ 45		1.8	1.6	1.2	1.9	1.2	.6												74	74	85	31
44/ 43		.8	.9	1.9	1.9	1.0	.2												60	60	105	34
42/ 41		3.0	1.2	3.2	1.9	1.3	.1												97	97	79	51
40/ 39		1.4	2.1	2.6	.9	.3													66	66	88	67
38/ 37	.1	1.1	2.4	.8	.6														45	45	74	91
36/ 35		2.8	1.6	.7	.2														47	47	82	87
34/ 33	.1	1.3	.8	.1															21	21	95	68
32/ 31	.1	.4	.1																6	6	54	96
30/ 29		.2																	2	2	23	84
28/ 27																					1	78
26/ 25																						61
24/ 23																						56
22/ 21																						21
20/ 19																						15
18/ 17																						11
16/ 15																						12
14/ 13																						8
12/ 11																						1

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.3	16.2	14.4	17.3	15.0	14.4	9.3	5.2	4.6	1.6	1.4	.1						900	900	900	900

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3297862	51836	57.6	18.639	900							
Dry Bulb	2200168	43698	48.6	9.344	900		.8	2.9	.9			90
Wet Bulb	1569911	37139	41.3	6.446	900		7.8					90
Dew Point	1019847	29521	32.8	7.571	900		44.5					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73											.1							1	1		
72/ 71										.2								2	2		
70/ 69									.1	.1								2	2		
68/ 67							.1	.1	.3	.1								6	6		
66/ 65							.1			.2								3	3		
64/ 63						.1	.2	.6	.2									10	10		
62/ 61					.3	.2	.8	.8	.2	.1								22	22		
60/ 59				.1	.1	.2	.7	.7										16	16		
58/ 57				.2	.7	.0	1.1	.4	.1									28	28		
56/ 55		.2	.1	.2	.4	1.4	1.2	.3										36	36	4	
54/ 53			.9	1.0	1.3	2.0	1.1											57	57	11	1
52/ 51		.6	.3	1.3	1.0	1.2	.3											43	43	18	1
50/ 49		1.4	3.6	1.7	2.2	1.7	.2											97	97	40	10
48/ 47		1.9	1.9	2.4	2.0	.7	.2											82	82	66	18
46/ 45		1.8	1.3	1.7	1.6	.9												65	65	95	25
44/ 43		2.0	1.3	2.0	.8	.9												63	63	95	46
42/ 41		1.6	2.4	1.8	.8	.0												64	64	95	52
40/ 39		2.0	3.0	2.8	1.6	.2												86	86	73	47
38/ 37		1.6	2.8	1.9	1.0													65	65	80	69
36/ 35		3.8	2.7	.6	.9													71	71	79	82
34/ 33		2.8	2.2	.1	.1													47	47	108	95
32/ 31		2.0	.8	.4														29	29	75	115
30/ 29		.4	.1															5	5	42	94
28/ 27																				13	77
26/ 25																				3	67
24/ 23																					45
22/ 21																					11
20/ 19																					18
18/ 17																					10
16/ 15																					16
14/ 13																					6
TOTAL		22.0	23.4	18.2	14.8	10.7	6.1	2.9	1.0	.8	.1								900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3923128	57402	63.8	17.072	900							
Dry Bulb	1915294	40830	45.4	8.369	900		3.4	1.1	.1			90
Wet Bulb	1454887	35735	39.7	6.329	900		13.3					90
Dew Point	1016833	29507	32.8	7.415	900		45.4					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34059 STATION | HAHN AP/HUNSRUCK GERMANY STATION NAME | 6-77 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65							.1		.1									2	2		
64/ 63							.3	.1	.2									6	6		
62/ 61					.1		.1	.2										4	4		
60/ 59					.4	.6	.2											11	11		
58/ 57				.1	.6	.3	.9		.1									18	18		
56/ 55				.3	1.0	.7	.2	.4	.1									25	25		
54/ 53		.3	.7	.2	.4	1.3	.3	.2										32	32	3	
52/ 51		.4	1.0	.3	.9	1.4												37	37	16	
50/ 49		.8	3.0	.8	2.1	1.0	.1											70	70	28	7
48/ 47		1.9	2.4	1.2	1.8	.7												72	72	43	12
46/ 45		3.0	2.2	2.4	1.6	.2												85	85	74	25
44/ 43	.1	3.4	1.4	2.1	1.1	.1												75	75	78	39
42/ 41	.1	2.8	2.2	.9	1.3	.1												67	67	113	79
40/ 39		2.1	4.1	2.1	1.1													85	85	79	50
38/ 37		1.9	3.7	1.8	.3													69	69	72	54
36/ 35		3.7	3.9	2.0	.7													92	92	72	68
34/ 33	.2	4.0	3.1	.1	.2													69	69	113	85
32/ 31		2.6	1.0	.6														39	39	84	81
30/ 29	.2	3.3	.2	.2														36	36	61	95
28/ 27	.2	.1	.1	.1														5	5	33	90
26/ 25	.1																	1	1	8	77
24/ 23																				3	78
22/ 21																					19
20/ 19																					8
18/ 17																					13
16/ 15																					9
14/ 13																					8
12/ 11																					3
TOTAL	1.0	30.3	29.1	15.6	13.7	6.4	2.3	1.0	.6									900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4496340	61978	68.9	15.934	900							
Dry Bulb	1678548	38230	42.5	7.795	900		8.1					90
Wet Bulb	1338483	34229	38.0	6.387	900		20.9					90
Dew Point	984838	28998	32.2	7.497	900		48.1					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 2-77 YEARS — APR MONTH

ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
80/ 79											.0	.0						4	4		
78/ 77											.1							5	5		
76/ 75										.1	.1							11	11		
74/ 73								.0		.0	.0							4	4		
72/ 71								.0	.0	.1								7	7		
70/ 69							.0	.0	.2	.1								19	19		
68/ 67						.0	.1	.1	.2	.1	.1							36	36		
66/ 65					.0	.1	.2	.2	.3	.1	.0							63	63		
64/ 63				.0	.0	.1	.4	.4	.3	.1	.0							102	102		
62/ 61				.1	.2	.3	.5	.5	.1	.0								122	122		
60/ 59				.1	.1	.4	.8	.3	.1									132	132	4	
58/ 57		.0	.0	.2	.4	.6	.7	.3	.1									164	164	21	
56/ 55		.0	.1	.3	.5	.9	.6	.1	.0									186	186	33	
54/ 53		.0	.5	.5	.9	1.2	.7	.2										281	281	77	5
52/ 51		.3	.9	1.0	1.1	1.1	.2	.1										333	333	126	0
50/ 49	.0	1.5	2.2	1.3	1.6	1.3	.2	.0										605	605	259	47
48/ 47	.1	1.8	1.9	1.2	1.5	.8	.1	.0										533	533	471	133
46/ 45	.1	2.6	2.1	1.6	1.3	.5	.1											592	592	607	231
44/ 43	.1	2.5	1.7	1.8	1.2	.3	.0											559	559	673	330
42/ 41	.0	2.9	2.4	2.1	1.0	.4	.0											635	635	717	457
40/ 39	.0	2.0	3.3	2.5	.9	.1												640	640	652	470
38/ 37	.0	2.7	3.4	1.3	.5													571	571	633	560
36/ 35	.0	3.5	3.1	.9	.4													573	573	727	654
34/ 33	.2	2.9	2.4	.3	.1													421	421	797	604
32/ 31	.2	2.8	1.2	.3														328	328	592	816
30/ 29	.2	1.9	.4	.1														183	183	489	726
28/ 27	.2	.5	.1	.1														66	66	193	683
26/ 25	.2	.1																22	22	81	559
24/ 23	.0	.0																3	3	16	457
22/ 21																					147
20/ 19																					101
18/ 17																					85
16/ 15																					86
14/ 13																					33

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | APR MONTH

 | ALL HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					9
10/ 9																					1
TOTAL	1.3	28.3	25.7	15.9	11.9	8.3	4.5	2.3	1.2	.5	.3	.0						7200	7200	7200	7200

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. hum.	34593944	483220	67.1	17.334	7200							
Dry Bulb	14457329	316237	43.9	8.880	7200		60.2	8.6	2.4			720
Wet Bulb	11214093	280081	38.9	6.656	7200		137.3					720
Dew Point	8088449	235449	32.7	7.351	7200		370.3					720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34056 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | MAY MONTH

PAGE 1 | 0000-0400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67						.1												1	1		
66/ 65					.1	.1	.1											3	3		
64/ 63			.1		.1	.1	.1											4	4		
62/ 61			.2	.4	.4	.4	.2											13	13		
60/ 59			.4	.5	.2	.6												14	14	1	
58/ 57		.8	.7	.7	1.1	.4	.2											33	33	6	
56/ 55	.4	1.5	1.7	1.8	.5	.4	.1											53	53	21	5
54/ 53		1.4	4.3	2.4	1.2	.5	.1											83	83	36	16
52/ 51	.1	2.6	2.4	3.2	1.2	.1												81	81	48	25
50/ 49	.4	3.0	7.0	3.9	.8													127	127	95	67
48/ 47	.1	2.8	5.7	2.4	.8													100	100	81	41
46/ 45	.1	3.9	3.9	2.0	.5													88	88	119	65
44/ 43	.5	3.2	4.1	2.1	.2													86	86	130	95
42/ 41	.1	2.7	3.9	.7	.1													64	64	81	94
40/ 39		1.3	2.1	.8														36	36	85	91
38/ 37		2.6	2.5															43	43	59	78
36/ 35		.7	.6															11	11	53	33
34/ 33		.1	.2															3	3	24	68
32/ 31		.2																2	2	3	63
30/ 29		.1																1	1	4	31
28/ 27																					20
26/ 25																					3
24/ 23																					1
TOTAL	1.7	27.1	39.7	20.8	7.2	2.6	.9												846		846
																		846		846	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4858794	63334	74.9	11.789	846							
Dry Bulb	1986213	40659	48.1	6.166	846		.3	.1				93
Wet Bulb	1681019	37413	44.2	5.599	846		.8					93
Dew Point	1400226	33978	40.2	6.487	846		13.0					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | MAY MONTH

PAGE 1 | 0300-0500 HOURS L.S.T.

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po.
64/ 63				.1	.1													2	2		
62/ 61				.1	.3	.1												5	5		
60/ 59				.1	.3	.2												6	6		
58/ 57		.9	.2		.9													15	15	3	
56/ 55	.1	1.9	.8	2.0	1.2	.1												55	55	16	3
54/ 53		2.1	2.9	2.1	.1	.3												68	68	21	11
52/ 51	.2	2.0	1.8	2.3	1.0	.1												67	67	40	26
50/ 49	.7	4.5	6.0	2.3	.6													127	127	64	46
48/ 47	.1	3.9	5.4	2.3	.6	.1												112	112	104	48
46/ 45	.3	6.1	4.4	2.1	.2													119	119	114	74
44/ 43	.3	5.5	3.4	2.2														104	104	131	86
42/ 41	.0	4.4	4.3	1.0	.1													94	94	126	136
40/ 39		1.8	2.2	.2														38	38	79	102
38/ 37		2.0	3.0	.2														47	47	66	86
36/ 35	.1	2.2	1.8															37	37	51	77
34/ 33			.3															3	3	47	59
32/ 31		.1																1	1	13	60
30/ 29		.2																2	2	4	47
28/ 27																				1	19
26/ 25																					11
24/ 23																					5
TOTAL	2.4	37.7	36.6	17.2	5.1	1.0													902		902
																		902		902	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5540580	69974	77.6	11.161	902							
Dry Bulb	1989460	42040	46.6	5.778	902		.3					93
Wet Bulb	1720668	39082	43.3	5.506	902		1.9					93
Dew Point	1462543	35849	39.7	6.474	902		14.6					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — -8-77 YEARS — MAY MONTH

PAGE 1 — 0600-0800 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69					.1		.2	.1										4	4		
68/ 67					.3	.1	.4											8	8		
66/ 65				.1	.4		.1	.1										7	7		
64/ 63			.1	.0	.3	.3	.7											18	18		
62/ 61			.0	.0	.3	.6	.2											20	20	1	
60/ 59		.3	.3	1.0	.9	.0												30	30	7	
58/ 57		1.0	.6	2.2	1.6	.4	.1											53	53	20	2
56/ 55		1.3	2.0	2.5	1.9	.6												75	75	28	12
54/ 53		2.0	2.3	3.4	2.2	.8												97	97	49	15
52/ 51	.3	1.8	3.5	3.4	1.0	.2												93	93	83	32
50/ 49	.7	3.4	6.3	2.5	1.4	.2												132	132	98	75
48/ 47	.3	2.7	5.2	1.4	.6													92	92	127	77
46/ 45	.2	3.3	5.2	1.7	.3													97	97	124	89
44/ 43	.3	2.4	4.4	.9														73	73	115	104
42/ 41	.1	1.2	2.1	.6														36	36	97	103
40/ 39		.4	2.3	.1														26	26	59	93
38/ 37		1.7	1.1	.1														26	26	34	91
36/ 35		.7	.6															11	11	39	62
34/ 33			.3															3	3	15	39
32/ 31		.2																2	2	4	52
30/ 29																				3	22
28/ 27																					6
26/ 25																					0
TOTAL	2.0	22.5	37.0	21.2	11.4	4.0	1.8	.2											903		903
																		903		903	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5010512	66350	73.5	12.247	903							
Dry Bulb	2302437	45197	50.1	6.679	903		.2	1.2				93
Wet Bulb	1922011	41343	45.8	5.686	903		.7					93
Dew Point	1594559	37515	41.5	6.318	903		8.9					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 8-77 YEARS — MAY MONTH

PAGE 1 — 0900-1100 HOURS G.M.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
76/ 75						.1		.2		.3								6	6		
74/ 73						.1		.3	.2		.1							7	7		
72/ 71					.1		.2	.2	.1	.1								7	7		
70/ 69					.3	.5	.2	.6	.1									16	16		
68/ 67				.1	.4	.7	.6	.3										19	19		
66/ 65				.1	.1	1.3	1.0	.6	.1									29	29	1	
64/ 63	.1		.2	.3	1.4	1.9	1.0	.2	.2									49	49	5	1
62/ 61			.8	1.0	.9	2.3	1.4	.4										62	62	6	
60/ 59		.2	.8	1.9	2.5	2.4	.9											79	79	22	4
58/ 57	.2	.2	1.3	2.0	3.5	1.8	.7	.2										90	90	36	11
56/ 55	.1	.9	1.2	2.8	4.3	1.6	.2	.1										101	101	59	9
54/ 53	.1	1.0	1.8	3.3	2.4	1.3	.4											94	94	79	30
52/ 51	.1	.3	1.4	2.2	1.8	.4												57	57	105	33
50/ 49	.6	1.8	3.1	2.5	1.2	.7												89	89	122	68
48/ 47		.9	2.5	1.9	.4													55	55	128	64
46/ 45		.9	2.2	1.8	.7	.2												54	54	102	92
44/ 43	.1	1.0	2.7	1.2	.2													47	47	76	110
42/ 41	.1		1.1	.8														18	18	68	132
40/ 39	.1	.2	1.0															12	12	40	90
38/ 37	.2	.1	.3															6	6	32	74
36/ 35		.1	.4															5	5	13	76
34/ 33			.1															1	1	6	22
32/ 31																				2	40
30/ 29																				1	25
28/ 27																					15
26/ 25																					6
24/ 23																					1
TOTAL	1.8	7.6	21.0	21.9	21.0	15.4	6.6	3.2	.8	.4	.1								903		903
																		903		903	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3890543	57883	64.1	14.134	903							
Dry Bulb	2744438	49306	54.6	7.608	903			5.7	1.3			93
Wet Bulb	2122771	43455	48.1	5.918	903		.3					93
Dew Point	1637576	37976	42.1	6.659	903		9.0					93

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

84065	HAHN AP/HUNSRUCK GERMANY	R-77	MAY
STATION	STATION NAME	YEARS	MONTH

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

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27	28	29-30	≥31	TOTAL D.B. & W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81										.1										1	1		
80/ 79								.1	.3		.1									5	5		
78/ 77								.1	.1	.3	.1									6	6		
76/ 75							.2	.4	.4	.4	.2									16	16		
74/ 73							.2	.3	.2	.1										8	8		
72/ 71					.1	.3	.4	.3	.3	.3										17	17		
70/ 69		.1	.1		.2	.2	.4	.8	.1	.1										19	19		
68/ 67			.1	.2	.7	1.4	2.2	2.1	1.0											70	70	2	1
66/ 65				.2	.7	1.7	2.0	1.4	.2											56	56	2	1
64/ 63			.4	.9	1.3	1.6	2.9	.9	.3											75	75	9	1
62/ 61			.2	1.0	1.6	2.7	1.3	.4												67	67	19	
60/ 59		.4	.2	1.3	1.9	2.7	1.0	.4												72	72	29	2
58/ 57		.3	.6	1.0	3.3	2.2	.8	.6	.1											80	80	56	8
56/ 55		.8	.3	2.0	3.1	2.1	1.1	.1												88	88	79	19
54/ 53		.3	1.0	2.0	2.3	.7	.7	.1												64	64	85	29
52/ 51		.8	1.0	1.7	2.1	1.1	.1													61	61	130	45
50/ 49	.7	1.2	2.4	3.4	1.6	1.2														95	95	116	74
48/ 47	.2	.7	1.4	.7	.7	.4														37	37	96	66
46/ 45	.2	.3	1.2	.8	.2															25	25	100	101
44/ 43			1.3	.4	.1															17	17	71	113
42/ 41	.1		.9	.1																10	10	48	88
40/ 39	.2	.1	.7	.2																11	11	31	95
38/ 37			.3																	3	3	17	80
36/ 35			.2																	2	2	8	60
34/ 33																						4	37
32/ 31																						1	37
30/ 29																							28
28/ 27																							12
26/ 25																							0
TOTAL	1.4	5.1	12.5	15.9	20.0	18.3	13.4	8.2	3.2	1.4	.4										903		903
																				903		903	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3283496	52734	58.4	15.035	903							
Dry Bulb	3072870	52150	57.8	8.231	903			14.6	3.7	.1		93
Wet Bulb	2257451	44823	49.6	6.006	903		.1	.2				93
Dew Point	1663221	38251	42.4	6.897	903		8.5	.1				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 — HAHN AB/HUNSRUCK GERMANY — 8-77 — MAY

PAGE 1 — 1500-1700 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22-23	24-25	26-27	28-29	30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
82/ 81														.1						1	1		
80/ 79									.1		.1									2	2		
78/ 77									.1	.2		.0	.1							13	13		
76/ 75									.1	.7	.2									9	9		
74/ 73							.1	.3	.1	.2	.3									10	10		
72/ 71							.2	.5	.2	.3	.1	.1								13	13		
70/ 69						.1	.1	.3	.8	.7	.3									21	21		
68/ 67		.2			.1	.3	1.4	1.5	1.4	.5	.3									50	50	1	
66/ 65				.2	.2	.5	1.6	1.7	1.4	.2	.2									53	53	2	2
64/ 63					.5	1.1	1.6	2.6	1.6	.3										70	70	2	
62/ 61		.1	.5	1.0	1.6	1.9	2.5	1.0												76	76	15	
60/ 59		.3	.7	1.4	1.9	2.8	2.1	.2	.1											85	85	26	1
58/ 57		.2	.7	1.2	2.5	2.1	1.5	.9												81	81	53	5
56/ 55		.9	.7	2.1	1.7	2.1	.8	.3												77	77	65	15
54/ 53		.3	.7	2.9	1.9	1.1	.7													68	68	100	26
52/ 51		.2	1.1	1.0	1.6	1.4	.3													57	52	96	31
50/ 49	.1	1.8	1.5	2.5	2.1	.2														73	73	125	61
48/ 47	.2	.8	2.0	1.6	.6	.6														51	51	106	90
46/ 45		.8	1.6	.3	.3															27	27	91	75
44/ 43	.1	.5	2.0	.5																27	27	83	116
42/ 41	.2	.1	1.0	.2																14	14	61	106
40/ 39			.6	.1																6	6	36	104
38/ 37			.3																	3	3	9	89
36/ 35			.2																	2	2	6	72
34/ 33																						3	36
32/ 31																						2	35
30/ 29																							19
28/ 27																							19
26/ 25																							9
TOTAL	.7	6.3	13.8	15.7	16.5	17.5	14.8	8.3	3.3	1.7	1.1	.2									884		884
																				884		854	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3169453	51107	57.8	15.596	884							
Dry Bulb	2974507	50761	57.4	8.223	884			12.5	3.7	.1		93
Wet Bulb	2169283	43487	49.2	5.830	884		.2	.1				93
Dew Point	1575842	36846	41.7	6.736	884		8.6					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34056 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 6-77 YEARS | MAY MONTH

PAGE 1 | 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
78/ 77											.1							1	1		
76/ 75									.1	.1								2	2		
74/ 73								.1	.1	.2								4	4		
72/ 71						.1	.1	.4	.4									8	8		
70/ 69							.2	.4	.5									9	9		
68/ 67				.1	.5	.6	.8	.1	.2									20	20		
66/ 65				.5	.4	.9	.7	.4	.1									25	25		
64/ 63			.5	.8	.9	1.3	1.8	.5	.1									50	50		
62/ 61			.4	.6	.8	2.1	.6	.5										44	44	3	
60/ 59		.1	.5	1.9	1.5	1.8	.8											56	56	22	1
58/ 57		.1	.4	2.1	2.5	2.4	.4											66	66	29	2
56/ 55	.1	1.4	1.2	2.1	3.3	.6	.8	.1										82	82	42	14
54/ 53	.2	1.1	2.2	2.7	3.1	1.4	.7	.1										98	98	73	27
52/ 51		.9	1.2	2.5	2.1	.6	.2											64	64	88	23
50/ 49	.4	2.0	4.9	3.9	1.6	1.2												119	119	106	73
48/ 47	.1	1.8	2.1	2.1	.7	.1												59	59	115	55
46/ 45		2.1	1.8	1.7	.7													53	53	110	92
44/ 43	.2	.7	1.9	.5	.1													29	29	92	101
42/ 41	.1	.5	2.7	.7														34	34	64	92
40/ 39			.7	.1														7	7	45	92
38/ 37		.4	.7															9	9	33	71
36/ 35			.7															6	6	13	70
34/ 33																				8	40
32/ 31																				2	47
30/ 29																					24
28/ 27																					19
26/ 25																					5
TOTAL	1.2	11.1	21.8	22.4	18.5	13.1	7.5	2.5	1.5	.4	.1								845		845
																		845		845	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3728543	54697	64.7	16.925	845							
Dry Bulb	2488814	45418	53.7	7.513	845			4.8	.8			93
Wet Bulb	1931394	40106	47.5	5.745	845		.2					93
Dew Point	1486772	34998	41.4	6.642	845		10.5					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | MAY MONTH

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

Temp (F.)	WET BULB TEMPEPATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69							.1		.2									3	3		
68/ 67							.1	.2										3	3		
66/ 65						.0	.1	.4										9	9		
64/ 63				.1	.5	.1	.4											9	9		
62/ 61		.1	.4	.4	.5	.7	.2											19	19		
60/ 59		.2	.6	1.1	.9	1.2	.2											36	36	2	
58/ 57		.8	.9	1.8	1.4	.5	.6											51	51	12	3
56/ 55		1.4	1.7	3.1	2.4	.6	.1											78	78	26	4
54/ 53		1.7	3.0	2.7	2.1	.5	.1											85	85	44	16
52/ 51		1.3	2.5	3.7	2.5	.4												87	87	66	19
50/ 49	.2	3.0	4.3	3.0	1.5	.2												103	103	94	56
48/ 47	.1	2.5	5.3	2.5	1.4													97	97	104	57
46/ 45	.1	3.4	3.1	2.6	1.2	.1												89	89	122	69
44/ 43	.1	2.2	3.5	2.4	.4													73	73	124	86
42/ 41	.2	1.3	2.7	.7	.1													43	43	77	131
40/ 39			2.7	.6														28	28	68	91
38/ 37		.9	2.0															25	25	45	77
36/ 35		.2	.6															7	7	41	64
34/ 33			.1															1	1	17	55
32/ 31																				3	40
30/ 29																				1	39
28/ 27																					20
26/ 25																					5
24/ 23																					2
TOTAL	.8	19.1	33.0	24.5	14.9	4.8	2.0	.6	.2									846	846	846	846

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4399085	60009	70.9	12.986	846							
Dry Bulb	2143716	42236	49.9	6.446	846			.7				93
Wet Bulb	1757224	38272	45.2	5.531	846		.4					93
Dew Point	1418435	34203	40.4	6.494	846		11.7					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 (STATION) HAHN AB/HUNSRUCK GERMANY (STATION NAME) 8-77 (YEARS) MAY (MONTH)

 ALL (HOURS L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81										.0		.0						2	2		
80/ 79								.0	.0	.0	.0							7	7		
78/ 77								.0	.0	.0	.2	.0						20	20		
76/ 75						.0	.0	.1	.2	.1	.0							33	33		
74/ 73						.0	.1	.1	.1	.1	.0							29	29		
72/ 71					.0	.1	.2	.1	.1	.1	.0							45	45		
70/ 69		.0	.0		.1	.1	.2	.3	.2	.1								72	72		
68/ 67		.0	.0	.1	.3	.5	.7	.5	.2	.0								171	171	3	1
66/ 65			.0	.1	.3	.8	.7	.5	.1	.0								182	182	5	3
64/ 63	.0		.2	.4	.7	.9	1.2	.4	.1									277	277	16	2
62/ 61		.0	.4	.6	.8	1.4	.9	.3										306	306	44	
60/ 59		.2	.4	1.1	1.3	1.0	.6	.1	.0									378	378	109	10
58/ 57	.0	.6	.7	1.4	2.1	1.2	.5	.2	.0									469	469	215	31
56/ 55	.1	1.3	1.2	2.3	2.3	1.0	.4	.1										607	607	336	84
54/ 53	.0	1.2	2.2	2.7	1.9	.8	.3	.0										657	657	487	172
52/ 51	.1	1.2	1.9	2.5	1.7	.5	.1											562	552	656	436
50/ 49	.5	2.6	4.4	3.0	1.4	.5												865	865	640	520
48/ 47	.2	2.0	3.7	1.8	.3	.2												603	603	861	466
46/ 45	.1	2.6	2.9	1.6	.5	.0												552	552	882	657
44/ 43	.2	1.9	2.9	1.3	.1													456	456	822	611
42/ 41	.2	1.3	2.3	.6	.0													313	313	624	384
40/ 39	.0	.5	1.5	.3														164	164	443	756
38/ 37	.0	1.0	1.3	.0														162	162	295	648
36/ 35	.0	.5	.6															81	81	226	584
34/ 33		.0	.1															11	11	124	366
32/ 31		.1																5	5	30	374
30/ 29		.0																3	3	13	235
28/ 27																				1	130
26/ 25																					51
24/ 23																					9
TOTAL	1.5	17.1	26.8	19.9	14.3	9.6	5.9	2.9	1.1	.5	.2	.0						7032	7032	7032	7032

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33881010	476088	67.7	15.312	7032							
Dry Bulb	19702455	367767	52.3	8.164	7032		.8	40.1	9.6	.2		744
Wet Bulb	15561821	327981	46.6	6.132	7032		4.7	.3				744
Dew Point	12239174	289616	41.2	6.653	7032		84.5	.1				744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-69,71-77 YEARS | JUN MONTH

PAGE 1 | 0000-0200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73										.1								1	1		
72/ 71								.4	.2									4	4		
70/ 69					.1	.1	.1	.4										6	6		
68/ 67				.2	.4	.6	.3	.2										16	16		
66/ 65			.1	.2	.2	.8	.1											11	11		
64/ 63			1.0	.3	.2	.5	.1											19	19	1	
62/ 61		.5	1.7	1.1	.5	.4												34	34	4	
60/ 59		.9	2.6	2.3	1.1	.2	.6											63	63	21	7
58/ 57	.1	3.2	4.4	2.1	1.1	.5												93	93	41	12
56/ 55	.5	3.1	3.0	1.6	1.0	.1	.1											76	76	98	28
54/ 53	.4	4.3	5.7	2.3	.2	.1												111	111	89	73
52/ 51	.4	2.7	4.0	1.6	.6	.2												77	77	90	71
50/ 49	.5	7.7	2.5	3.0	.6													115	115	122	115
48/ 47	.1	3.2	2.6	1.9	.2													65	65	107	115
46/ 45	.1	4.2	1.4	.9	.1													54	54	55	89
44/ 43		2.1	1.2	.9	.1													35	35	89	76
42/ 41	.1	1.4	1.1	.4														24	24	42	64
40/ 39	.1	.2	.2	.1														6	6	31	42
38/ 37																				17	38
36/ 35																				2	33
34/ 33																				1	20
32/ 31																					18
30/ 29																					6
28/ 27																					3
TOTAL	2.3	33.5	31.5	19.1	6.7	4.1	1.6	1.0	.1	.1									810		810
																		810		810	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4957225	62449	77.1	13.275	810							
Dry Bulb	2326318	43108	53.2	6.301	810			3.0	.1			90
Wet Bulb	1996495	39971	49.3	5.452	810							90
Dew Point	1736670	37128	45.8	6.371	810		3.0					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34056 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 68-77 YEARS — JUN MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71								.1										1	1		
70/ 69						.3												3	3		
68/ 67					.2	.1	.6	.1										9	9		
66/ 65			.1	.1	.1	.2	.6											10	10		
64/ 63			.5	.1		.3	.1											9	9		
62/ 61		.6	2.2	.6	.7	.2												37	37	2	1
60/ 59		2.6	3.4	1.5	1.6		.3											85	85	22	5
58/ 57	.1	2.2	3.1	1.5	1.3		.1											72	72	51	16
56/ 55	.8	4.7	3.7	1.8	1.0	.3												108	108	69	39
54/ 53	.5	3.3	5.1	1.2	.5	.1												94	94	107	75
52/ 51	.6	2.6	3.1	.5	.8	.3												69	69	102	65
50/ 49	.9	7.4	2.9	.8	.6													110	110	114	101
48/ 47	.2	5.0	3.3	1.8	.1													92	92	110	107
46/ 45	.6	5.5	1.4	1.4														77	77	80	124
44/ 43	.2	3.8	.8	.9														50	50	106	79
42/ 41		1.9	1.4	.1														30	30	51	94
40/ 39	.1	.2	1.4	.1														16	16	24	46
38/ 37	.1	.1	.2															4	4	25	39
36/ 35																				11	34
34/ 33																				2	19
32/ 31																					16
30/ 29																					6
28/ 27																					5
TOTAL	4.1	40.0	32.4	12.4	7.1	2.1	1.7	.2										876		876	876
																		876		876	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	5674241	69641	79.5	12.552	876							
Dry Bulb	2417050	45696	52.2	6.173	876			1.3				90
Wet Bulb	2114533	42763	48.8	5.555	876							90
Dew Point	1866451	40045	45.7	6.401	876		3.1					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
78/ 77									.1	.2								3	3		
76/ 75							.2	.1	.2									5	5		
74/ 73							.1	.3	.2									6	6		
72/ 71					.1	.2	.2	.1										6	6		
70/ 69				.1	.3	.2	.5	.1										11	11		
68/ 67			.2	.6	1.0	.5	.7	.2										31	31		
66/ 65			.9	1.3	.7	.9	.3											36	36	2	
64/ 63		.1	1.1	1.6	.7	.6	.2	.1										39	39	7	2
62/ 61		.5	3.4	2.3	1.7	.7	.3											78	78	23	1
60/ 59	.1	1.8	2.9	2.4	1.4	.3	.5											82	82	48	13
58/ 57	.7	2.7	2.2	2.4	1.0	.7	.2											87	87	103	33
56/ 55	.6	2.5	4.0	1.9	.8	.3	.1											90	90	103	77
54/ 53	1.0	2.3	5.6	1.1	.8	.5												99	99	88	74
52/ 51	.6	2.5	3.5	1.4	.6	.1												78	78	109	79
50/ 49	.6	4.8	4.2	1.0	.7													104	104	110	139
48/ 47	.1	3.0	2.5	1.0	.1													59	59	101	114
46/ 45	.1	1.5	.7	.6	.1													26	26	74	93
44/ 43	.2	.7	.9	.3														19	19	53	74
42/ 41	.1	.8	.7															14	14	24	44
40/ 39		.2																2	2	22	50
38/ 37			.1															1	1	8	24
36/ 35																				1	30
34/ 33																					18
32/ 31																					8
30/ 29																					3
TOTAL	.4	23.4	33.0	18.6	10.0	5.4	3.4	1.0	.6	.2									876		876
																		876		876	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5130350	65902	75.2	14.041	876							
Dry Bulb	2762654	48822	55.7	6.901	876			6.4	1.4			90
Wet Bulb	2332678	44934	51.3	5.038	876							90
Dew Point	2013608	41630	47.5	6.346	876		1.1					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | JUN MONTH

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

Temp °F	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85												.1						1	1		
84/ 83												.3	.1	.1				5	5		
82/ 81									.1	.1	.1	.3	.1					7	7		
80/ 79									.1	.3	.1							5	5		
78/ 77						.2		.2	.2	.5	.1							11	11		
76/ 75						.3	.2	.2	.5	.1								12	12		
74/ 73					.2	.5	.3	.6	.5									18	18		
72/ 71						.3	1.1	.3	.7									22	22		
70/ 69			.1	.1	2.4	1.3	1.5	.3	.5									54	54		
68/ 67			.2	1.1	1.8	2.1	1.0	.1	.1									57	57	3	
66/ 65			.3	1.8	2.2	2.5	1.0	.3	.2	.1								75	75	7	
64/ 63			.6	1.6	2.2	1.1	.6	.3	.5									60	60	22	4
62/ 61		.1	1.7	1.5	2.3	2.2	.9	.6										81	81	71	4
60/ 59	.1	1.6	1.3	3.1	2.5	.9	1.3											94	94	80	19
58/ 57	.7	.5	2.4	1.9	1.6	1.0	.3											76	76	113	48
56/ 55	.2	1.7	2.1	3.0	1.1	.5	.2											77	77	80	76
54/ 53	.5	1.7	2.3	3.7	1.1	.5	.3											98	68	105	64
52/ 51	.2	.8	1.6	1.3	.9	.1												45	45	107	77
50/ 49	.2	1.1	1.7	.2	.3													32	32	94	130
48/ 47		1.1	.8	.5	.2													23	23	89	87
46/ 45		.8	.1	.7	.3													17	17	45	97
44/ 43		.7	.2	.1														9	9	32	86
42/ 41		.6		.1														6	6	14	70
40/ 39			.1															1	1	10	35
38/ 37																				2	24
36/ 35																				2	29
34/ 33																					16
32/ 31																					3
30/ 29																					6
28/ 27																					1
TOTAL	1.9	10.7	15.8	20.7	19.5	13.5	8.9	3.1	3.3	1.1	.3	.8	.2	.1				876	876		876
																				876	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3942402	57122	65.2	15.770	876							
Dry Bulb	3241905	52819	60.3	8.082	876			19.7	6.1	1.5		90
Wet Bulb	2516157	46673	53.3	5.800	876			.3				90
Dew Point	2031252	41794	47.7	6.525	876		1.0					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | JUL MONTH

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

Temp °F	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85												.3	.7	.5	.2			15	15		
84/ 83												.1	.3					4	4		
82/ 81							.1		.1	.3	.1	.2	.1					9	9		
80/ 79							.2		.2	.1								5	5		
78/ 77							.2	.2	.6	1.4	.1							24	24		
76/ 75						.3	.9	.5	.9									23	23		
74/ 73				.1	.2	.6	1.1	1.6	.8	.2	.1							42	42		
72/ 71					.6	.6	2.6	1.3	.2	.2								48	48		
70/ 69				.2	1.9	.9	2.2	.9	.3									57	57	1	
68/ 67			.1	1.0	2.5	2.6	1.1	.6	.9									80	80	3	
66/ 65			.7	1.0	1.4	2.7	1.1	.9	.3									72	72	13	2
64/ 63			.8	1.9	1.5	2.1	1.3	.7										72	72	41	2
62/ 61		.6	1.1	1.6	1.9	2.4	1.0	.3										79	79	60	6
60/ 59		.6	1.0	1.4	3.0	1.3	.5											67	67	115	21
58/ 57		1.6	.6	1.1	2.9	1.3	.5	.2										71	71	101	40
56/ 55	.2	2.1	1.5	1.9	1.4	.2	.2											66	66	95	62
54/ 53	.3	.6	.9	1.7	1.4	.3												46	46	100	91
52/ 51	.2	.8	1.1	.7	1.1	.2												37	37	102	90
50/ 49	.1	1.0	1.0	.8	.3	.1												35	35	97	134
48/ 47		.5	.3	.1	.1	.1												10	10	56	83
46/ 45		.3	.3	.2														8	8	26	103
44/ 43		.2	.2															4	4	27	77
42/ 41		.2																2	2	9	51
40/ 39																				7	30
38/ 37																					37
36/ 35																					26
34/ 33																					5
32/ 31																					7
30/ 29																					2
26/ 25																					1
TOTAL	.9	8.4	10.4	13.9	20.2	15.8	13.1	7.4	4.7	2.3	.3	.7	1.1	.5	.2			876	876	876	876

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3397261	52659	60.1	16.275	876							
Dry Bulb	3556731	55313	63.1	8.360	876			31.5	12.5	3.1		90
Wet Bulb	2638739	47823	54.6	5.653	876			.4				90
Dew Point	2055501	42063	48.0	6.393	876		1.0					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AB/HUNSRUCK GERMANY 68-77 JUL
STATION STATION NAME YEARS MONTH

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

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87															.1			1	1		
86/ 85												.1	.5	.4				8	8		
84/ 83											.1	.7	.4					12	10		
82/ 81										.5		.4						7	7		
80/ 79						.1			.1	.2	.1	.2						7	7		
78/ 77								.2	.5	1.1	.2							17	17		
76/ 75			.1			.4	.2	.9	1.1	.4	.1							27	27		
74/ 73				.2		.6	1.2	1.3	.6		.2							35	35		
72/ 71					.6	.8	1.6	1.5	.4									42	42	1	
70/ 69				.1	1.2	1.6	1.9	1.1	.4	.4								56	56	1	1
68/ 67				.8	1.1	1.9	2.2	.6	.8	.2	.1							66	66	2	
66/ 65				.7	.8	1.9	.8	.7	.4	.1								46	46	8	1
64/ 63		.1	1.2	1.1	1.5	2.0	1.4	.6										67	67	29	2
62/ 61			2.3	1.4	1.9	2.6	.8	.4										80	80	69	3
60/ 59		1	1.9	2.5	2.7	1.9	.9	.5										89	89	95	16
58/ 57	.2	2.2	1.8	1.6	2.2	1.2	.5	.1										84	84	100	37
56/ 55	.6	.8	1.4	1.9	1.5	.5												57	57	112	50
54/ 53	.2	1.3	1.4	1.5	1.3	.2												51	51	98	78
52/ 51	.1	.5	2.2	1.3	.5	.1	.1											41	41	98	91
50/ 49	.0	.8	.7	.7	.4	.1	.1											29	29	87	103
48/ 47	.4	.8	.4	.8	.1													21	21	79	97
46/ 45	.1	.5	.1	.2														8	8	40	109
44/ 43			.1															1	1	19	76
42/ 41		.5																4	4	9	74
40/ 39																				7	39
38/ 37																					38
36/ 35																					20
34/ 33																					10
32/ 31																					3
30/ 29																					3
28/ 27																					1
26/ 25																					2
TOTAL	2.2	7.6	13.6	14.9	15.7	15.8	11.8	7.8	4.1	2.8	.9	1.4	.8	.4	.1			854	854	854	854

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3385370	51702	60.5	17.300	854							
Dry Bulb	3394716	53334	62.5	8.655	854			29.1	11.8	3.0		90
Wet Bulb	2519017	46139	54.0	5.549	854			.4				90
Dew Point	1955163	40503	47.4	6.333	854		.9	.1				90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 68-77, 71-77 YEARS — JUN MONTH

PAGE 1 — 1000-2000 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85												.1	.2					3	3		
84/ 83											.1	.2						3	3		
82/ 81												.4	.1					4	4		
80/ 79									.1	.1	.4							5	5		
78/ 77							.1	.1	.1	.1	.5							8	8		
76/ 75							.2	.2	.4	.5								11	11		
74/ 73						.2	.5	.4	.4									12	12		
72/ 71						.4	.2	1.0	.2	.1								16	16		
70/ 69					1.0	.9	1.1	.5	.1									30	30		
68/ 67			.2	.5	1.1	1.5	1.2	.7	.4	.2								48	48		
66/ 65			.7	.9	1.6	1.9	1.1	.2	.1	.1								54	54	3	
64/ 63			1.9	1.4	1.5	1.5	1.2	.2	.1	.1								64	64	8	
62/ 61		.6	1.6	1.9	1.5	1.5	.2	.2										61	61	36	2
60/ 59		1.1	2.2	1.4	1.7	.5	.6	.1										62	62	77	4
58/ 57		1.9	2.3	3.1	2.0	1.0	.6											88	88	94	32
56/ 55	.2	2.7	2.5	2.8	1.9	.9	.1											90	90	92	50
54/ 53	.7	1.2	3.3	1.7	1.5	.7												75	75	95	79
52/ 51	.2	2.2	2.3	1.7	.9													60	60	102	89
50/ 49	.9	2.3	2.3	1.7	.7	.1												66	66	98	106
48/ 47	.2	1.0	1.4	.6	.4	.1												30	30	86	96
46/ 45		.5	.4	.2	.1													10	10	55	109
44/ 43	.1	.2	.1															4	4	35	67
42/ 41		.4		.1														4	4	14	56
40/ 39	.1	.1																2	2	11	37
38/ 37																					32
36/ 35																				1	27
34/ 33																					12
32/ 31																					5
30/ 29																					4
28/ 27																					1
26/ 25																					2
TOTAL	2.6	14.3	21.4	18.0	15.8	11.1	7.4	4.0	2.0	1.4	1.0	.7	.4						810		610
																		810		810	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3863716	54244	67.0	16.902	310							
Dry Bulb	2873596	47818	59.0	7.915	810			15.6	5.1	1.4		90
Wet Bulb	2255246	42514	52.5	5.428	810							90
Dew Point	1829862	38166	47.1	6.244	310		1.3					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 68-69,71-77 YEARS — JUL MONTH

PAGE 1 — 2100-2300 HOURS G. S. T.

Temp F.	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77											.2								2	2		
76/ 75							.1		.1	.2									4	4		
74/ 73							.1	.1	.4	.2									7	7		
72/ 71						.2	.1	.6	.1										9	9		
70/ 69					.4	.2	.4	.2											10	10		
68/ 67				.1	.0	.7	.5	.2											18	18		
66/ 65			.1	.5	.5	.5	.2	.1	.1										17	17		
64/ 63			.9	1.6	.9	1.0	.2	.1	.2										40	40	3	
62/ 61		.2	1.6	2.1	1.5	1.0	.1	.5											57	57	7	
60/ 59		1.2	2.8	2.6	1.9	1.2	.4	.1											85	85	33	4
58/ 57		3.1	3.7	1.9	1.4	.1	.1	.1											84	84	67	19
56/ 55	.1	3.6	2.3	3.8	.4	.6	.1												89	89	103	37
54/ 53	.9	1.7	4.7	2.6	1.0	.4													91	91	92	74
52/ 51	.6	1.7	2.7	2.0	1.5														69	69	85	91
50/ 49	.5	4.6	2.6	2.1	.2														83	83	121	80
48/ 47	.1	2.8	3.2	1.2	.1														61	61	84	78
46/ 45	.1	2.7	1.6	1.1															45	45	89	121
44/ 43		1.2	1.1	.5	.1														24	24	66	89
42/ 41	.4	.7	.2	.1															12	12	29	57
40/ 39		.2		.1															3	3	25	43
38/ 37																					4	45
36/ 35																					1	29
34/ 33																					1	23
32/ 31																						6
30/ 29																						1
28/ 27																						1
26/ 25																						1
24/ 23																						1
TOTAL	2.7	24.0	27.9	22.6	10.4	6.0	2.5	2.2	1.0	.5	.2								810	810	810	810

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4527654	59344	73.3	14.911	810							
Dry Bulb	2499576	44652	55.1	6.862	810			5.6	1.4			90
Wet Bulb	2075121	40767	50.3	5.370	810							90
Dew Point	1753919	37355	46.1	6.211	810		1.1					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34095 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 8-77 YEARS — JUL MONTH

PAGE 1 — ALL HOURS (L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.,W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
88/ 87															.0			1	1		
86/ 85												.1	.2	.1	.0			27	27		
84/ 83											.0	.2	.1	.0				22	22		
82/ 81							.0		.0	.1	.0	.2	.0					27	27		
80/ 79						.0	.0		.1	.1	.1	.0						22	22		
78/ 77						.0	.0	.1	.2	.4	.1							65	65		
76/ 75			.0			.1	.3	.3	.4	.1	.0							82	82		
74/ 73				.0	.1	.2	.4	.5	.4	.1	.0							121	121		
72/ 71					.2	.3	.8	.7	.2	.0								148	148	1	
70/ 69			.0	.1	.9	.7	1.0	.5	.2	.0								227	227	2	1
68/ 67			.1	.0	1.1	1.3	1.0	.4	.3	.1	.0							325	325	8	
66/ 65			.4	.8	.9	1.4	.7	.3	.1	.0								321	321	33	3
64/ 63		.0	1.0	1.2	1.1	1.1	.6	.3	.1	.0								370	370	111	10
62/ 61		.4	2.0	1.5	1.5	1.4	.4	.3										507	507	292	17
60/ 59	.0	1.3	2.3	2.2	2.0	.8	.6	.1										627	627	494	89
58/ 57	.2	2.2	2.5	1.9	1.7	.7	.3	.1										655	655	670	239
56/ 55	.4	2.6	2.5	2.3	1.1	.4	.1											653	653	752	419
54/ 53	.6	2.0	3.0	2.0	1.0	.4	.0											655	655	777	608
52/ 51	.4	1.7	2.6	1.3	.9	.1	.0											476	476	795	653
50/ 49	.5	3.7	2.3	1.3	.5	.0	.0											574	574	843	908
48/ 47	.1	2.2	1.8	1.0	.2	.0												361	361	712	777
46/ 45	.1	2.0	.7	.7	.1													245	245	464	645
44/ 43	.1	1.1	.6	.3	.0													146	146	427	624
42/ 41	.1	.8	.4	.1														96	96	192	520
40/ 39	.0	.1	.2	.0														30	30	137	328
38/ 37	.0	.0	.0															5	5	56	277
36/ 35																				18	225
34/ 33																				4	123
32/ 31																					66
30/ 29																					34
28/ 27																					12
26/ 25																					6
24/ 23																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | JUN MONTH

PAGE 2 | ALL HOURS (L.S.T.)

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
TOTAL	2,720	273	217	513	2	9	3	6	4	2	0	1	1	0	0	0	0	6788	6788	6788

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34878219	473063	69.7	16.775	6788							
Dry Bulb	23072556	391562	57.7	8.458	6788			113.2	36.9	9.1		720
Wet Bulb	18447986	351584	51.8	5.918	6788			1.2				720
Dew Point	15240426	318684	46.9	6.439	6788		12.6	.1				720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34095 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 8 Hrly, 71-77 YEARS — JUL MONTH

PAGE 1 — 0000-0800 HOUR - S T

Temp F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19-20	21-22	23-24	25-26	27-28	29	30	≥31	TOTAL D.B.	TOTAL W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75												.4									3	3			
74/ 73										.1		.1									2	2			
72/ 71						.4	.1	.2	.1												7	7			
70/ 69			.2		.6	.1	.5	.4	.1				.1								17	17			
68/ 67		.2	.8	1.1	2.2	.4	.5	.6	.1	.2											51	51	1		
66/ 65	.1	.8	3.3	1.6	1.2	.5		.2													65	65	7	4	
64/ 63	.4	1.1	2.9	1.7	1.8	.1		.1													65	65	24	14	
62/ 61	.2	1.4	2.8	3.2	1.6		.1														78	78	59	21	
60/ 59	.2	3.5	3.0	3.0	.5	.1															87	87	72	33	
58/ 57	.4	5.4	3.9	1.0	.4	.4															95	95	110	65	
56/ 55		4.2	5.3	2.0	.5																100	100	123	78	
54/ 53	.7	3.6	3.8	2.4	.5																92	92	120	102	
52/ 51	.4	3.0	3.0	1.7	.2																69	69	99	96	
50/ 49	.4	4.5	2.2	.2	.1																62	62	62	161	
48/ 47	.4	1.9	.7																		25	25	86	84	
46/ 45	.4	1.3	.2																		16	16	48	71	
44/ 43		.2																			2	2	15	50	
42/ 41																							2	24	
40/ 39																								19	
38/ 37																								10	
36/ 35																								1	
34/ 33																								3	
TOTAL	3.6	31.2	32.2	17.8	9.3	1.9	1.2	1.0	.5	.7	.1										836		836		836
																					836		836		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5315935	65701	78.6	13.515	836							
Dry Bulb	2835494	48420	57.9	6.100	836			5.9	.6			93
Wet Bulb	2456556	45124	54.0	5.008	836			.1				93
Dew Point	2191055	42535	50.9	5.677	836							93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AB/HUNSRUCK GERMANY 62-77 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0600
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71					.1	.1		.3	.1									6	6		
70/ 69				.1	.2			.2										5	5		
68/ 67			.3	.3	.2	.1	.3	.2	.1	.1								16	16		
66/ 65	.1	.1	1.2	.7	.4	.6	.1	.2										31	31	2	1
64/ 63	.8	1.2	2.2	1.6	.9	.2	.2	.1										63	63	17	5
62/ 61	.3	2.7	3.1	2.7	.5	.3	.1	.1										89	89	41	15
60/ 59	.6	5.4	3.6	3.0	.6	.2	.1											125	125	57	46
58/ 57	1.1	5.6	3.6	.7	.6	.1												100	100	121	64
56/ 55	.2	5.5	4.4	1.2	.8													111	111	126	88
54/ 53	1.2	5.6	4.0	1.1	.1													114	114	119	111
52/ 51	1.8	3.4	2.3	.8														68	68	121	95
50/ 49	1.2	1	3.7	.4														94	94	111	151
48/ 47	.2	3	.4															40	40	103	94
46/ 45	.8	.7	.9															30	30	59	90
44/ 43	.2	.8	.1															10	10	16	72
42/ 41		.1																1	1	10	41
40/ 39																					14
38/ 37																					11
36/ 35																					1
32/ 31																					1
TOTAL	7.5	41.1	29.5	13.2	4.7	1.7	.9	1.2	.2	.1								903	903	903	903

Element (X)	Σ_X	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]7358	74198	82.2	12.436	903							
Dry Bulb	2.74535	50693	56.1	5.642	903			2.8				93
Wet Bulb	.358767	47867	53.0	4.870	903							93
Dew Point	2326234	45566	50.5	5.465	903		.1					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | JUL MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79									.1	.1								2	2		
78/ 77									.2	.3								5	5		
76/ 75						.2	.1	.2	.1	.1	.1							8	8		
74/ 73				.2	.3	.2	.1	.1	.1									10	10		
72/ 71				.3	.6	.6	.6	.2	.2	.2								24	24		
70/ 69			.4	.6	1.1	.6	.3	.1	.2									30	30		
68/ 67		.2	1.1	1.8	2.2	1.0	.2	.3	.1									63	63	7	
66/ 65	.4	.3	2.5	2.2	1.4	.6	.1	.1	.1									71	71	23	11
64/ 63	.1	.6	3.3	3.4	1.9	.4												88	88	31	14
62/ 61	.6	2.2	3.6	2.3	1.1	.3												93	93	78	31
60/ 59	.6	3.8	1.9	1.9	.9													81	81	115	44
58/ 57	.2	3.9	5.1	1.6	.6	.1												103	103	133	72
56/ 55	.2	5.5	3.0	1.8	.2													97	97	114	114
54/ 53	.8	3.7	3.4	1.7	.2													88	88	133	130
52/ 51	1.0	2.9	2.3	.7														62	62	88	134
50/ 49	.1	4.2	1.6	.1														54	54	88	126
48/ 47	.2	1.2	.7															19	19	66	81
46/ 45	.1	.3																4	4	21	79
44/ 43																				4	36
42/ 41																					14
40/ 39																					12
38/ 37																					2
TOTAL	4.3	28.8	29.2	18.5	10.5	4.0	1.4	1.1	1.2	.8	.1							902	902		902
																		902		902	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5599136	69988	77.6	13.680	902							
Dry Bulb	3235636	53700	59.5	6.549	902			14.6	2.6			93
Wet Bulb	2778846	49866	55.3	4.948	902			.7				93
Dew Point	2470431	46963	52.1	5.297	902							93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSPUCK GERMANY STATION NAME | 8-77 YEARS | JUL MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85											.1	.1	.3	.1				6	6		
84/ 83								.1			.1		.4					6	6		
82/ 81						.1	.1	.2	.1	.3			.1					9	9		
80/ 79						.1	.4	.2	.2	.6	.3	.1	.1					19	19		
78/ 77					.2	.3	1.4	.6	.8	.2		.1						33	33		
76/ 75				.2	1.4	.8	.8	.8	.7	.2	.1							45	45		
74/ 73				.4	.6	1.1	1.0	.4	.1									33	33		
72/ 71				.2	.9	2.0	1.1	.3	.1									42	42	2	
70/ 69			.4	1.1	2.8	2.1	1.2	.2										71	71	9	
68/ 67			.5	2.1	3.0	3.2	.6	.2										89	89	30	3
66/ 65		.2	.7	1.0	2.8	1.7	.7	.1										64	64	44	9
64/ 63	.1	.3	1.8	2.5	2.3	.8	.2											73	73	58	27
62/ 61	.1	.4	1.7	3.1	2.9	1.2	.2											87	87	119	33
60/ 59	.1	2.5	2.9	3.0	1.9	.8	.1											102	102	118	66
58/ 57	.2	1.8	2.4	2.5	.9	.3												74	74	131	81
56/ 55	.2	1.2	1.9	2.4	.8													59	59	110	102
54/ 53	.1	1.4	2.0	1.2	.1													44	44	65	120
52/ 51	.7	1.2	.6	.4														26	26	91	124
50/ 49	.1	1.2	.7	.1														19	19	68	107
48/ 47	.1																	1	1	30	80
46/ 45		.1																1	1	8	78
44/ 43																					38
42/ 41																					23
40/ 39																					12
TOTAL	1.8	10.5	15.7	20.5	20.5	14.5	7.9	3.2	2.0	1.3	.7	.3	1.0	.1				903	903	903	903

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4256436	60506	67.0	14.972	903							
Dry Bulb	3794768	58098	64.3	7.936	903			36.4	15.6	3.5		93
Wet Bulb	2990658	51746	57.3	5.304	903			4.2				93
Dew Point	2506758	47308	52.4	5.601	903			.3				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HU SPUCK GERMANY STATION NAME | R-77 YEARS | JUL MONTH

 1200-1400 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89														.1				1		1		
88/ 87											.1			.4	.3			8		8		
86/ 85								.1	.2	.1	.4	.1	.3	.2	.2	.1		17		17		
84/ 83									.9	.8	.4	.3		.3	.1			26		26		
82/ 81						.1	.4	.4	1.0	.7	.4							28		28		
80/ 79						.2	.9	.5	.4	.0	.2							26		26		
78/ 77					.2	1.3	.8	.8	.7	.9								38		38		
76/ 75					.7	.6	2.2	.8	.9	.3								49		49		
74/ 73				.1	.3	1.7	2.2	2.0	.9									65		65		
72/ 71				.6	.4	2.7	2.5	.9	.3									67		67	2	
70/ 69		.1	.2	.4	2.9	2.2	1.7	.0	.1									74		74	14	
68/ 67		.1	.3	.8	3.2	2.7	1.4	.4										81		81	42	2
66/ 65		.3	.0	2.1	2.3	2.4	.7	.1										77		77	64	14
64/ 63		.2	1.4	2.3	2.3	2.3	.7	.2										86		86	89	23
62/ 61		1.0	1.3	1.3	1.7	1.1	1.0											67		67	128	32
60/ 59		.6	1.3	2.0	1.3	.6	.3											55		55	132	48
58/ 57	.1	.7	1.6	1.7	1.3	.1												49		49	115	88
56/ 55	.1	1.7	1.7	1.1	.3													44		44	104	97
54/ 53		1.1	1.0	1.0	.1													29		29	80	136
52/ 51	.1	.7	.3	.1														11		11	74	123
50/ 49		.2	.2															4		4	40	134
48/ 47		.1																1		1	17	74
46/ 45																					7	53
44/ 43																						36
42/ 41																						18
40/ 39																						19
38/ 37																						5
36/ 35																						.
TOTAL	.3	6.8	10.0	13.5	17.2	17.9	14.8	6.9	5.4	2.9	1.6	.6	.3	1.1	.7	.1		903		903		903
																			903		903	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3468699	54233	60.1	15.314	903							
Dry Bulb	4201914	61124	67.7	8.452	903			49.4	26.6	9.0		93
Wet Bulb	3120115	52875	58.6	5.161	903			6.0				93
Dew Point	2502817	47263	52.3	5.677	903			.2				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 8-77 YEARS — JUL MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89															.2	.1	.1		4	4		
88/ 87													.1			.5			5	5		
86/ 85										.3	.2				.2	.1	.1		9	9		
84/ 83							.1		.1	.5	.3	.3	.1	.2			.2		17	17		
82/ 81							.3	.1	.9	.6	.5	.1	.1	.1					24	24		
80/ 79						.1	.8	1.1	1.0	.7	.2	.1							36	36		
78/ 77					.1	.9	1.4	.6	1.4	.3	.3								46	46		
76/ 75					.3	1.1	1.7	2.0	1.2	.3	.1								61	61		
74/ 73				.3	.9	1.6	1.1	1.2	1.0	.8	.1								63	63		
72/ 71				.1	.2	2.3	1.0	.7											43	43	1	
70/ 69			.1	.7	.9	3.2	1.9	.6											65	65	5	
68/ 67			.3	.3	3.4	2.7	1.4	.3											75	75	32	1
66/ 65			1.0	1.0	2.3	2.7	1.4	.1	.1										76	76	68	3
64/ 63		.6	1.0	2.4	2.4	1.7	1.6	.2	.1										88	88	65	15
62/ 61		.9	.9	2.0	2.0	1.8	.7												74	74	121	36
60/ 59		.8	2.3	2.0	1.2	.6	.6												66	66	137	51
58/ 57		1.4	1.2	1.5	1.0	.1													46	46	123	74
56/ 55		.6	1.7	1.2	.3	.1													35	35	113	113
54/ 53	.2	1.2	1.2	.7															30	30	76	113
52/ 51		.6	.2																7	7	74	98
50/ 49	.1	.3	.6																9	9	47	119
48/ 47		.1	.1																2	2	15	88
46/ 45																					4	71
44/ 43																						46
42/ 41																						31
40/ 39																						12
38/ 37																						5
36/ 35																						1
34/ 33																						3
32/ 31																						1
TOTAL	.3	6.5	10.8	12.4	15.2	19.0	14.5	7.3	5.9	3.5	1.8	.6	.3	.8	.7	.5			881	881	881	881

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3327440	52284	59.3	15.975	881							
Dry Bulb	4066715	59397	67.4	8.405	881			47.3	28.0	7.8		93
Wet Bulb	2995337	51179	58.1	5.028	881			4.0				93
Dew Point	2380196	45514	51.7	5.727	881		.1	.1				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 68-69,71-77 YEARS — JUL MONTH

PAGE 1 — 1800-2000 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D B-W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87														.1				1	1		
86/ 85													.1	.2	.1			4	4		
84/ 83									.2			.2						4	4		
82/ 81									.2	.1		.7		.1				10	10		
80/ 79						.1	.5	.2	.2	.1	.2	.1	.2					15	15		
78/ 77					.2		.1	.7	.4	.1	.4	.1	.1					18	18		
76/ 75					.2	1.0	1.0	.6	.6	.1		.1						30	30		
74/ 73				.7	.6	1.2	1.4	.6	.4	.2								43	43		
72/ 71				.4	.8	1.9	1.7	.7	.1									47	47		
70/ 69			.2	.6	3.0	.7	1.1	.4	.2									52	52	5	
68/ 67		.1	.7	1.7	2.9	1.9	1.1	.1										71	71	15	2
66/ 65			2.0	2.6	2.3	2.9	.4											85	85	32	9
64/ 63		.6	2.6	3.3	1.6	1.7	.5	.1										87	87	59	13
62/ 61		1.1	2.2	2.9	1.4	.6	.2											70	70	98	28
60/ 59	.2	1.7	3.1	3.1	1.9	1.1	.4											96	96	120	42
58/ 57		1.4	1.9	2.5	1.1	.5												62	62	124	76
56/ 55		1.8	2.3	1.6	.5													51	51	116	106
54/ 53	.1	2.7	1.2	1.2	.2													46	46	93	103
52/ 51	.4	1.6	.7	.1														23	23	88	107
50/ 49	.1	1.0	.5															14	14	50	143
48/ 47	.1	.7																7	7	28	73
46/ 45		.1																1	1	8	55
44/ 43																					39
42/ 41																					20
40/ 39																					11
38/ 37																					9
36/ 35																					1
TOTAL	1.0	12.8	17.6	20.7	16.7	13.5	8.2	3.5	2.4	.7	.6	1.3	.5	.5	.1				837		837
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3961062	56020	66.9	15.912	837							
Dry Bulb	3478916	53578	64.0	7.678	837			32.8	13.9	2.3		93
Wet Bulb	2737603	47689	57.0	4.948	837			2.3				93
Dew Point	2283273	43465	51.9	5.594	837			.2				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 68-69,71-77 YEARS — JUL MONTH

PAGE 1 — 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77									.1	.2	.1							4		4		
76/ 75							.1			.4	.2							6		6		
74/ 73					.1	.6	.2		.1	.1	.2	.1						13		13		
72/ 71				.1	.1	.6	.5	.6	.1	.1	.1							21		21		
70/ 69		.1	.4	.7	1.7	1.3	.4		.4		.1							42		42		
68/ 67		.1	1.1	1.0	2.3	1.3	.1		.1									50		50	2	1
66/ 65		.5	1.7	1.0	1.7	2.5	.1											62		62	9	2
64/ 63	.1	.7	2.6	2.5	2.4	.6	.2											77		77	34	12
62/ 61	.1	1.6	3.9	2.7	1.7	.4												87		87	66	18
60/ 59	.1	4.2	3.9	4.2	1.9	.2												122		122	95	42
58/ 57		3.3	3.8	2.2	.8	.5												89		89	122	55
56/ 55		3.0	4.2	2.6	1.1													91		91	119	109
54/ 53	.5	1.8	2.5	2.0	.7													63		63	119	96
52/ 51	.4	3.0	1.7	1.3	.1													54		54	91	83
50/ 49	1.1	2.0	1.2	.4														39		39	95	153
48/ 47	.1	.7	.5															11		11	52	90
46/ 45		.6																5		5	30	67
44/ 43		.1																1		1	3	36
42/ 41																						37
40/ 39																						17
38/ 37																						4
34/ 33																						3
TOTAL	2.4	21.7	27.5	20.7	14.6	8.2	1.7	.6	.8	.8	.8	.1								837		837
																		837			837	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4793430	62194	74.3	14.346	837							
Dry Bulb	3033715	50109	59.9	6.360	837			15.1	2.6			93
Wet Bulb	2542340	45954	54.9	4.807	837			.2				93
Dew Point	2212935	42791	51.1	5.499	837			.1				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34035 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — E-77 YEARS — JUL MONTH

PAGE 1 — ALL HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION - F. 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89														.0	.0	.0		5	5			
88/ 87												.0	.0	.1	.1			14	14			
86/ 85								.0	.0	.1	.1	.0	.1	.1	.1	.0		36	36			
84/ 83							.0	.0	.2	.2	.1	.1	.1	.1	.0	.0		53	53			
82/ 81						.0	.1	.1	.3	.2	.1	.1	.0	.0				71	71			
80/ 79						.1	.3	.3	.3	.3	.1	.0	.0					98	98			
78/ 77					.1	.3	.5	.4	.4	.2	.1	.0	.0					144	144			
76/ 75				.0	.3	.5	.7	.6	.4	.2	.1	.0						202	202			
74/ 73				.2	.4	.8	.8	.6	.3	.2	.0	.0						229	229			
72/ 71				.2	.4	1.3	1.0	.5	.1	.0	.0							257	257	5		
70/ 69		.0	.3	.5	1.0	1.3	.9	.3	.1		.0							356	356	33		
68/ 67		.1	.7	1.1	2.4	1.7	.7	.3	.1	.0								496	496	130		9
66/ 65	.1	.3	1.6	1.5	1.8	1.7	.4	.1	.0									531	531	249		53
64/ 63	.2	.7	2.2	2.5	1.9	1.0	.4	.1	.0									627	627	377		120
62/ 61	.2	1.4	2.4	2.5	1.6	.7	.3	.0										645	645	710		214
60/ 59	.2	2.8	2.6	2.8	1.3	.4	.2											734	734	847		372
58/ 57	.3	2.9	2.9	1.7	.8	.3												618	618	979		585
56/ 55	.1	2.9	3.0	1.8	.6	.0												588	588	925		807
54/ 53	.5	2.7	2.4	1.5	.2													506	506	825		911
52/ 51	.5	2.0	1.4	.6	.0													320	320	722		860
50/ 49	.4	2.3	1.3	.2	.0													295	295	581		1096
48/ 47	.1	1.1	.3															106	106	397		664
46/ 45	.2	.5	.1															57	57	172		564
44/ 43	.0	.1	.0															13	13	38		355
42/ 41		.0																1	1	12		206
40/ 39																						116
38/ 37																						46
36/ 35																						5
34/ 33																						9
32/ 31																						2
TOTAL	2.7	19.9	21.5	17.1	13.6	10.1	6.4	3.2	2.3	1.4	.7	.4	.3	.3	.2	.1		7002	7002	7002	7002	7002

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36959496	495124	70.7	16.682	7002							
Dry Bulb	27521693	435119	62.1	8.302	7002			208.4	90.5	23.0		744
Wet Bulb	22180222	392300	56.0	5.357	7002			17.9				744
Dew Point	18873699	361405	51.6	5.605	7002		.2	1.0				744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34025 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | AUG MONTH

PAGE 1 | 0000-0200 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79								.1										1	1			
78/ 77							.1		.1									2	2			
72/ 71			.1				.1	.1										3	3			
70/ 69			.1	.1	.1	.0	.2											11	11	1		
68/ 67		.1	.9	.9	1.4	1.1	.2	.1										43	43			1
66/ 65		.1	1.4	1.3	.5	.3	.1											40	40	7		1
64/ 63	.1	1.5	2.3	2.0	1.0	1.1		.1										82	83	10		8
62/ 61	.0	3.5	2.0	1.6	2.7	1.2												109	109	55		24
60/ 59	.3	3.8	2.2	2.6	2.3	.4	.1											110	110	96		38
58/ 57	.3	6.0	2.7	2.2	1.8	.2												123	123	114		59
56/ 55	.0	5.3	4.9	1.4	.5	.4	.1											125	125	125		106
54/ 53	.8	4.0	6.1	2.2	.5	.1												27	127	141		104
52/ 51	.3	2.4	3.0	.3														56	56	147		105
50/ 49	.3	4.7	1.6															64	64	111		172
48/ 47	.1	1.7	.4															21	21	77		116
46/ 45	.1	1.0																10	10	37		93
44/ 43	.1	.1																2	2	9		58
42/ 41																						24
40/ 39																						10
38/ 37																						6
36/ 33																						3
TOTAL	4.1	34.2	28.0	15.1	11.7	5.5	1.0	.4	.1										930			930
																		930		930		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5927661	73249	78.8	13.058	930							
Dry Bulb	3122314	53654	57.7	5.379	930			6.0	.3			93
Wet Bulb	2715920	50076	53.8	4.590	930			.1				93
Dew Point	2425525	47239	50.8	5.294	930			.1				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 5-77 YEARS — JUN MONTH

PAGE 1 — 0300-0500 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28,29-30	≥31	TOTAL D.B	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71						.2												2		2		
70/ 69				.1	.1	.1												3		3		
68/ 67			.3	.4	.3	.2												12		12		
66/ 65		.1	.6	.4	.5	.2	.1											19		19	1	
64/ 63		.5	1.9	1.5	.6	.2												45		45	11	4
62/ 61	.2	2.5	3.6	1.4	1.5	.6	.1											87		87	19	9
60/ 59	1.5	6.8	1.5	2.3	2.7	.1	.1											139		139	79	46
58/ 57	.4	5.5	4.1	2.4	1.5	.1												130		130	123	68
56/ 55	1.0	5.2	4.6	1.9	1.1	.1												131		131	90	103
54/ 53	.6	6.8	4.2	.8	.1	.1												117		117	137	94
52/ 51	.8	3.2	2.8	.8	.9													78		78	155	88
50/ 49	1.1	5.5	2.4	.1														84		84	138	149
48/ 47	.4	3.8	1.6															54		54	82	116
46/ 45	.9	1.7	.3															22		22	71	109
44/ 43	.2	.5																7		7	24	74
42/ 41																						47
40/ 39																						11
38/ 37																						5
36/ 35																						1
34/ 33																						
TOTAL	6.0	42.0	27.6	12.0	9.4	2.0	.3											930		930		930
																			930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6382118	76232	82.0	11.983	930							
Dry Bulb	2921784	51912	55.8	5.092	930			1.7				93
Wet Bulb	2602828	49014	52.7	4.597	930							93
Dew Point	2365099	46639	50.1	5.308	930							93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — R-77 YEARS — AUG MONTH

PAGE 1 — 0600-0800 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22 23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75					.1													1	1		
74/ 73				.2	.3	.2		.1										3	2		
72/ 71					.6	.3	.2	.2		.1								14	14		
70/ 69			.3	.2	.9	.5	.2											20	20		
68/ 67		.3	1.0	1.8	1.9	1.2	.2	.1	.1									62	62	4	
66/ 65		1.0	1.8	1.3	1.3	1.0	.2	.2										67	67	12	4
64/ 63		1.0	2.6	1.1	1.4	.4	.1											61	61	31	17
62/ 61	.3	3.5	2.0	2.2	1.0	1.0	.1											105	105	64	27
60/ 59	.2	4.2	3.7	3.2	.9	.2	.1											116	116	94	45
58/ 57	.1	6.2	3.3	2.6	.5	.1												122	122	135	66
56/ 55	.6	5.6	3.3	1.8	.4	.1												112	112	139	106
54/ 53	.5	4.0	5.5	1.1		.1												104	104	147	108
52/ 51	.4	2.4	2.6	.6														56	56	105	121
50/ 49	.0	4.8	1.0															61	61	102	175
48/ 47	.2	1.2																13	13	78	100
46/ 45	.3	.5																8	8	18	65
44/ 43																				1	32
42/ 41																					14
40/ 39																					4
38/ 37																					3
36/ 35																					1
TOTAL	3.7	34.7	27.8	16.3	9.8	5.0	1.2	.0	.1	.1									930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5962050	73518	79.1	12.721	930							
Dry Bulb	3230132	54542	58.6	5.813	930			10.5	.9			93
Wet Bulb	2812381	50955	54.8	4.702	930			.4				93
Dew Point	2522503	48201	51.8	5.114	930							93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 8-77 YEARS — AUG MONTH

PAGE 1 — 0900-1100 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 87									.1	.1								2	2		
82/ 81							.1		.2									3	3		
80/ 79							.4	.3	.4	.5								16	16		
78/ 77						.3	.5	.6	.9	.2		.1	.1					22	22		
76/ 75					.5	.5	1.0	.9	.5		.1							35	35		
74/ 73				.4	.5	1.1	1.3	.3	.3		.1							38	38		
72/ 71			.1	.4	.6	1.3	1.0	1.2	.3	.2								48	48	2	
70/ 69			.2	1.1	1.6	2.6	1.9	.9	.2									74	74	4	
68/ 67		.2	.9	1.0	1.5	3.7	1.3	.5	.1									88	88	22	2
66/ 65			1.7	1.4	1.6	2.4	.6	.3										75	75	34	5
64/ 63	.1	.1	2.7	2.3	2.9	1.5	.5											94	94	57	18
62/ 61		.5	3.3	2.2	2.2	.5	.3											84	84	94	39
60/ 59	.2	3.2	3.4	3.0	2.3	.2												115	115	127	56
58/ 57	.2	3.4	3.0	2.6	.6	.1												93	93	171	90
56/ 55		1.8	2.3	1.6	.1													54	54	139	113
54/ 53	.1	1.7	2.5	.4	.2													46	46	119	123
52/ 51		.6	.9	.1														15	15	81	107
50/ 49	.3	1.5																17	17	60	151
48/ 47		.4																4	4	17	106
46/ 45	.1																	1	1	3	72
44/ 43																					30
42/ 41																					15
40/ 39																					8
38/ 37																					1
36/ 35																					1
TOTAL	1.1	13.7	21.0	16.5	15.1	14.0	9.0	5.1	3.2	1.1	.2	.1	.1						930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4506774	63088	67.8	15.635	930							
Dry Bulb	3837944	59366	63.8	7.214	930			33.2	12.2	1.2		93
Wet Bulb	3050683	53087	57.1	4.678	930			2.8				93
Dew Point	2760741	48565	52.2	5.152	930			.2				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34000 HAHN AB/HUNSRUCK GERMANY 8-77 10
AIR STATION NAME YEARS MONTH

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

Temp F	WET BULB TEMPERATURE DEPRESSION F																									TOTAL D.B. & W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31												
90/ 89											.2	.1														3	3		
88/ 87											.3	.1														4	4		
86/ 85								.2	.5	.3	.3	.4														17	17		
84/ 83							.1	.3	.5	.3	.8	.2			.1											31	31		
82/ 81						.2	.3	1.3	.9	1.2	.3			.1	.1											41	41		
80/ 79					.2	.2	.0	1.0	.6	.0		.1	.1													33	33		
78/ 77					.9	.4	2.4	.4	.3	.3	.4															48	48		
76/ 75				.3	.6	1.8	1.9	1.0	1.2	.2	.2	.1														75	75		
74/ 73				.1	.4	1.2	2.4	2.0	.8	.2																73	73	1	
72/ 71				.3	1.0	1.5	2..	1.3	.9	.1																76	76	13	
70/ 69			.3	2.0	2.7	2.0	2.2	.4	.1																	91	91	24	1
68/ 67			1.2	2.4	1.3	2.4	1.0																			75	76	48	9
66/ 65		.3	2.5	3.0	2.4	2.2	.8																			103	105	69	15
64/ 63		1.3	1.7	2.3	2.4	1.3	.1																			84	84	109	21
62/ 61		1.3	1.2	1.1	1.2	.4																				48	46	155	50
60/ 59	.2	2.5	1.0	1.3	.9	.1																				61	61	144	107
58/ 57	.1	.6	1.5	1.5	.2																					37	37	143	116
56/ 55	.1	.8	.6	.4																						18	18	98	125
54/ 53	.1	.4	.1																							5	6	58	106
52/ 51	.1	.4																								5	5	34	147
50/ 49																												3	99
48/ 47																													68
46/ 45																													33
44/ 43																													23
42/ 41																													4
40/ 39																													1
38/ 37																													4
36/ 35																													1
34/ 33																													
TOTAL	.6	7.6	10.8	14.7	14.9	13.8	14.0	9.4	5.8	4.3	2.6	1.1	.2	.2												930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3612179	55929	60.1	16.361	930							
Dry Bulb	4291276	62764	67.5	7.726	930			49.2	25.2	6.8		93
Wet Bulb	3191971	54321	58.4	4.534	930			3.8				93
Dew Point	2552453	48467	52.1	5.350	930			.1				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AB/HUNSRUCK GERMANY 8-77 AUG
STATION STATION NAME YEARS MONTH

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

Temp F	WET BULB TEMPERATURE DEPRESSION F																										TOTAL	TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	D.B.	Dew	Bulb	Wet Bulb	Dew	Pt.
90/ 89																					.1												1	1				
88/ 87																			.2														2	2				
86/ 85																					.1	.1											2	2				
84/ 83															.1	.1	.2		.2		.3	.8											14	14				
82/ 81													.1		.2		.5		.6		.4	.8											23	23				
80/ 79											.2		.1		.5		.4		.9		.8			.1									28	28				
78/ 77											.2		.3		1.1		1.1		.8		.4	.2											39	39				
76/ 75									.3		.8		2.2		1.1		.5		.4			.5											54	54				
74/ 73							.3		.2		1.0		2.3		1.5		.9		.5		.2												65	65				
72/ 71							.2		.2		.9		1.7		2.5		.9		.2														61	61				
70/ 69					.2		1.4		1.0		1.7		2.4		1.7		.5		.2														65	65	9			
68/ 67					.5		1.0		2.9		2.6		1.4		.4				.2														84	84	13			
66/ 65			.3		1.1		1.4		2.0		2.4		.5		.2				.1														75	75	40		4	
64/ 63			.4		1.7		2.5		2.8		2.5		.4		.1																		97	97	78		16	
62/ 61			.9		1.9		1.6		2.9		2.2		.2																				90	90	118		20	
60/ 59			2.6		1.7		2.4		1.8		.4																						83	83	144		52	
58/ 57			1.7		2.3		2.2		.6		.2																						65	65	109		79	
56/ 55		.3	.5		1.1		1.2		.3																								32	32	141		122	
54/ 53		.1	.5		.4		.3																										13	13	108		100	
52/ 51		.1	.3		.3																												7	7	65		104	
50/ 49		.3	.5																														8	8	34		140	
48/ 47			.2																														2	2	11		116	
46/ 45																																			1		94	
44/ 43																																					39	
42/ 41																																					23	
40/ 39																																					5	
38/ 37																																					11	
36/ 35																																					2	
34/ 33																																					2	
32/ 31																																					1	
TOTAL	.9	8.1	11.3		14.4		15.2		14.9		11.6		9.6		4.7		4.4		2.4		2.5		.1										930	930		930		930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3632359	55945	60.2	16.951	930							
Dry Bulb	4204090	62126	66.8	7.620	930			45.8	22.6	2.7		93
Wet Bulb	3122334	53730	57.8	4.417	930			2.2				93
Dew Point	2484076	47798	51.4	5.437	930		.1					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 68-77 YEARS — AUG MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83									.1		.1							2	2		
82/ 81									.2	.1	.1							4	4		
80/ 79								.1	.1	.3								5	5		
78/ 77					.2	.1	.1	.2	.3	.4								13	13		
76/ 75					.1	.2	.3	.5	1.2	.2								24	24		
74/ 73				.3	.2	.1	.8	.8	.6									26	26		
72/ 71				.4	.5	.4	1.6	.4	.1	.2	.1							37	37		
70/ 69			.2	.1	1.8	1.5	1.7	1.0	.3	.1								63	63	3	
68/ 67		.2	1.1	1.4	1.9	2.8	1.0	.6	.5	.2								97	97	8	1
66/ 65		.4	2.3	1.0	2.0	3.1	.5	.2	.2									91	91	18	7
64/ 63		.6	3.0	2.2	3.0	1.7	.6	.1	.1									106	106	42	13
62/ 61	.1	1.9	2.5	2.3	2.4	.6	.2	.2										95	95	84	27
60/ 59		2.9	2.3	3.2	1.5	.1												93	93	130	32
58/ 57	.3	3.4	1.8	3.4	1.0	.1												94	94	152	74
56/ 55	.5	2.2	3.7	2.5	.1	.1												84	84	168	108
54/ 53	.5	1.3	3.1	1.0	.2													57	57	120	105
52/ 51		.6	.9	.2														16	16	104	112
50/ 49	.1	1.3	.2															15	15	66	187
48/ 47		.9																8	8	28	116
46/ 45																				7	75
44/ 43																					34
42/ 41																					17
40/ 39																					7
38/ 37																					6
36/ 35																					9
TOTAL	1.6	15.8	21.0	18.0	15.2	11.0	7.5	4.2	3.9	1.6	.3								930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4601484	63662	68.5	16.192	930							
Dry Bulb	3698675	58321	62.7	6.669	930			27.1	7.4	.7		93
Wet Bulb	2954428	53256	56.2	4.426	930			1.1				93
Dew Point	2479229	47759	51.4	5.353	930			.1				93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77								.1										1	1		
76/ 75							.1											1	1		
74/ 73					.1	.1	.1	.1	.2									5	6		
72/ 71				.3	.3	.1	.3	.6										16	16		
70/ 69			.4	.2	.3	1.0	.9	.4										30	30		
68/ 67			.5	.8	.9	1.0	.5	.1	.1									36	36	1	
66/ 65		.1	1.3	1.4	1.7	1.6	.4	.2	.1									64	64	9	1
64/ 63	.2	.9	1.8	2.2	2.2	2.6	.5	.3	.1									102	102	19	7
62/ 61	.2	1.8	2.5	1.6	2.7	1.5	.4	.1										101	101	45	19
60/ 59	.6	5.3	3.2	3.0	1.7	.8	.3											146	146	98	51
58/ 57	.2	5.4	3.8	2.6	1.1	.4												125	125	133	56
56/ 55	.3	2.6	4.3	4.0	.4	.1												111	111	129	106
54/ 53	.8	3.0	5.3	1.1	.1													95	95	162	96
52/ 51	.1	1.2	2.6	.4	.1													41	41	136	66
50/ 49	.2	2.0	1.4															34	34	111	124
48/ 47		1.4	.2															15	15	61	125
46/ 45		.5																5	5	22	119
44/ 43		.1																1	1	4	60
42/ 41																					31
40/ 39																					5
38/ 37																					8
36/ 35																					4
34/ 33																					2
TOTAL	2.7	24.5	27.3	18.3	11.6	9.4	3.7	2.0	.5										930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 81 F	≥ 93 F	Total
Rel. Hum.	5352200	69266	74.5	14.425	930							
Dry Bulb	3283415	55015	59.2	5.583	930			9.0	.8			93
Wet Bulb	2761872	50516	54.3	4.393	930			.1				93
Dew Point	2400627	46993	50.5	5.297	930							93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — -R-77 YEARS — JUL MONTH

ALL HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
90/ 89											.0	.0						4	4		
88/ 87									.0	.0								4	4		
86/ 85											.1	.1						6	6		
84/ 83								.0	.1	.1	.1	.1						33	33		
82/ 81							.0	.1	.2	.3	.2	.1		.0				61	61		
80/ 79						.1	.1	.3	.2	.4	.1		.0	.0				91	91		
78/ 77					.1	.1	.2	.4	.4	.3	.1	.1	.0					116	116		
76/ 75					.2	.3	.7	.4	.3	.1	.1	.1						163	163		
74/ 73				.2	.3	.5	.8	.6	.4	.1	.1	.0						218	218		
72/ 71			.0	.2	.4	.6	.9	1.0	.3	.1	.0							254	254	3	
70/ 69			.2	.4	1.0	1.1	1.2	.7	.2	.1								362	362	30	
68/ 67		.1	.7	1.2	1.7	1.8	.9	.3	.1	.1								513	513	72	5
66/ 65		.3	1.4	1.4	1.4	1.7	.4	.1	.0	.0								507	507	169	31
64/ 63	.1	.7	2.3	2.1	2.1	1.5	.4	.1	.0									691	691	347	90
62/ 61	.2	2.0	2.5	1.9	2.3	1.1	.2	.0										755	755	588	177
60/ 59	.4	3.7	2.4	2.7	1.8	.3	.1											850	850	924	372
58/ 57	.2	4.3	2.8	2.4	1.0	.2												813	813	1140	619
56/ 55	.5	3.0	3.2	2.0	.4	.1	.0											686	686	1074	884
54/ 53	.4	2.8	3.5	.9	.1	.0												577	577	1032	855
52/ 51	.2	1.4	1.5	.3	.1													275	275	851	829
50/ 49	.4	2.6	.8	.0														288	288	656	1275
48/ 47	.1	1.2	.3															117	117	357	894
46/ 45	.1	.5	.0															46	46	159	715
44/ 43	.0	.1																10	10	38	360
42/ 41																					194
40/ 39																					54
38/ 37																					42
36/ 35																					26
34/ 33																					9
32/ 31																					1
TOTAL	2.6	22.6	21.8	15.7	12.8	9.5	6.0	3.9	2.3	1.4	.7	.5	.1	.0				7440	7440	7440	7440

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	39976825	530889	71.4	16.780	7440							
Dry Bulb	28589630	457700	61.5	7.625	7440			182.5	69.6	14.4		744
Wet Bulb	23212417	413955	55.6	4.924	7440			10.5				744
Dew Point	19790253	381661	51.3	5.333	7440		.1	.5				744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HOTSBRUCK GERMANY STATION NAME | 8-77 YEARS | SEP MONTH

 0000-0200 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71							.1												1	1		
70/ 69					.7														6	6		
68/ 67				.0	.2														7	7		
66/ 65			.3	.6	.2	.2													12	12		
64/ 63		.6	.4	.9	.2	.1													20	20	2	
62/ 61	.1	1.3	1.0	1.2	.2														35	35	22	4
60/ 59		1.8	1.1	1.9															43	43	24	13
58/ 57	.1	2.7	2.3	1.1	.1														61	61	39	24
56/ 55	.8	5.2	3.9	1.2	1.0														109	109	81	38
54/ 53	1.3	3.9	5.1	1.9	.3														113	113	95	72
52/ 51	.7	4.8	4.2	1.2	.4														102	102	96	79
50/ 49	.8	8.9	6.7	.8	.3														155	155	124	147
48/ 47	.7	4.3	2.8	.7	.1														77	77	132	109
46/ 45	1.0	4.8	1.3	.4															68	68	105	112
44/ 43	.4	3.8	.6	.1															44	44	77	84
42/ 41	.1	2.0	.9																27	27	58	82
40/ 39	.1	1.4	.2	.1															17	17	23	53
38/ 37	.1	.2																	3	3	17	27
36/ 35																					5	33
34/ 33																						6
32/ 31																						4
30/ 29																						3
TOTAL	6.0	45.7	31.3	12.7	3.9	.3	.1												900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6231273	74357	82.6	9.893	900							
Dry Bulb	2473329	46867	52.1	6.036	900			1.4				90
Wet Bulb	2212692	44348	49.3	5.523	900							90
Dew Point	2002866	42124	46.8	5.898	900		.7					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 68-77 YEARS — SEP MONTH

PAGE 1 — 0300-0600 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69					.2													2	2		
68/ 67			.1	.1														2	2		
66/ 65				.3		.1												4	4		
64/ 63	.1		.6	.6	.1													14	14	2	1
62/ 61	.2	.6	.9	.1	.1													17	17	10	3
60/ 59	.2	1.9	1.6	1.3	.3													48	48	19	6
58/ 57		2.0	2.4	.9	.3													51	51	30	23
56/ 55	.7	4.9	3.7	.6														90	90	36	29
54/ 53	1.9	5.0	3.3	.9	.1													101	101	90	71
52/ 51	.6	4.6	2.6	.6														76	76	96	83
50/ 49	1.4	9.3	3.9	.1	.3													136	136	124	121
48/ 47	1.9	7.3	3.6	.3														112	112	112	116
46/ 45	.7	7.6	1.3	.8														93	93	123	94
44/ 43	1.1	5.2	1.6	.2														73	73	92	114
42/ 41	.6	3.6	.6	.1														45	45	71	114
40/ 39	.7	.9	.4															18	18	40	58
38/ 37	.3	1.1																13	13	20	32
36/ 35		.6																5	5	11	31
34/ 33																				4	12
32/ 31																					6
30/ 29																					2
TOTAL	9.7	54.7	26.9	7.1	1.6	.1													900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6672071	77073	85.6	8.937	900							
Dry Bulb	2313059	45313	50.3	5.933	900			.4				90
Wet Bulb	2112046	43310	48.1	5.568	900							90
Dew Point	1945730	41510	46.1	5.891	900		1.0					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY.

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | SEP MONTH

PAGE 1 | 0600-0800 HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75							.1											1	1		
74/ 73						.1	.1											2	2		
72/ 71					.1	.1												2	2		
70/ 69				.1	.1													2	2		
68/ 67			.2	.4	.3		.1											10	10		
66/ 65			.4	.3		.1												8	8	1	
64/ 63	.1	.1	.9	.6	.2	.2												19	19	8	1
62/ 61	.1	.4	2.3	1.0	.1	.2												38	38	12	3
60/ 59	.1	1.3	2.3	1.1	.2													46	46	22	13
58/ 57		3.8	3.7	1.2	.2													80	80	51	17
56/ 55	.4	5.3	3.2	1.3	.7													99	99	87	47
54/ 53	1.2	5.1	4.0	.9	.3													109	109	108	94
52/ 51	.4	4.9	3.4	.7	.1													86	86	95	76
50/ 49	2.0	10.4	4.9	.4	.1													161	161	112	102
48/ 47	.7	5.2	2.7	.3														80	80	143	101
46/ 45	.3	5.1	1.3	.2														63	63	92	109
44/ 43	1.0	3.1	.8	.1														45	45	71	95
42/ 41	1.1	2.0	.4															32	32	57	81
40/ 39	.2	.9	.1															11	11	28	40
38/ 37	.1	.3																4	4	7	30
36/ 35	.1	.1																2	2	5	21
34/ 33																				1	9
32/ 31																					1
TOTAL	8.0	48.2	31.3	8.8	2.6	.8	.3												900		900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6450740	75686	84.1	9.774	900							
Dry Bulb	2481800	46934	52.1	6.172	900			1.7	.3			90
Wet Bulb	2238707	44615	49.6	5.485	900							90
Dew Point	2046725	42617	47.4	5.652	900		.1					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
68-77 — YEARS
SEP — MONTH

 0900-1100 — HOURS (L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83									.1									1	1		
82/ 81									.2									2	2		
80/ 79								.2	.3									5	5		
78/ 77							.2	.2										4	4		
76/ 75						.1	.2	.1										4	4		
74/ 73					.2	.3												5	5		
72/ 71					.1	.7	.1											9	9		
70/ 69				.4	1.2		.1											16	16		
68/ 67			.2	1.1	1.4	.4	.3											37	32	1	
66/ 65			.3	1.2	1.9	1.0	.2	.1										43	43	13	
64/ 63		.2	1.4	3.2	1.3	1.0	.9	.1										74	74	27	
62/ 61		.7	2.3	2.3	1.9	.6	.4											76	76	37	6
60/ 59		1.1	4.0	4.0	3.1	.4	.8											121	121	59	21
58/ 57	.3	2.4	3.1	2.7	1.3	.5	.2											96	96	81	55
56/ 55		2.9	3.3	2.2	1.0	.2												92	92	108	76
54/ 53	.1	1.7	4.7	2.0	.6	.1												82	82	112	94
52/ 51	.3	1.9	3.4	1.1	.4													65	65	118	60
50/ 49	.3	3.7	3.0	.6	.1	.1												70	70	113	126
48/ 47	.2	2.7	2.1	.6	.2													52	52	106	114
46/ 45	.3	2.3	1.4	.2														39	39	89	110
44/ 43	.4	.6	.1															10	10	44	91
42/ 41	.1	.2																3	3	17	64
40/ 39																				5	44
38/ 37																					22
36/ 35																					13
34/ 33																					1
30/ 29																					3
TOTAL	2.2	20.3	29.6	21.7	15.4	5.8	3.6	.8	.7										900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5031019	66267	73.6	12.994	900							
Dry Bulb	2988045	51475	57.2	6.993	900			7.7	2.1	.6		90
Wet Bulb	2493317	47113	52.3	5.486	900			.1				90
Dew Point	2140630	43580	48.4	5.814	900		.3					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/MUNSRUCK GERMANY STATION NAME — 8-77 YEARS — SEP MONTH

PAGE 1 — 1200-1400 HOURS L.S.T.

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87												.1						1	1		
86/ 85										.3								3	3		
84/ 83									.3	.2								5	5		
82/ 81								.3	.2	.1								6	6		
80/ 79							.1	.3	.1									5	5		
78/ 77							.2	.2										4	4		
76/ 75						.3	.2	.3	.1									9	9		
74/ 73					.1	.4	1.3		.1									18	18		
72/ 71					.2	1.0	.4	.3										18	18		
70/ 69				.2	2.0	1.2	.3	.4										43	43		
68/ 67			.1	1.2	2.9	3.2	1.6	1.0	.1									91	91	12	
66/ 65		.1	.6	1.9	1.7	2.9	.9	.7	.2									80	80	19	
64/ 63		.1	1.2	1.7	1.6	1.9	1.3	.3										73	73	22	2
62/ 61		.6	2.1	2.2	2.2	1.9	1.0	.7										96	96	57	9
60/ 59		.7	2.0	2.4	1.8	.8	.6											74	74	66	11
58/ 57		1.7	1.0	3.4	1.4	1.8												84	84	93	59
56/ 55		.4	2.6	3.4	1.7	.1	.2											77	77	111	78
54/ 53	.3	1.2	3.4	2.7	1.0		.1											79	79	103	108
52/ 51		.9	2.3	1.8	.8		.1											53	53	123	55
50/ 49	.1	1.7	1.7	1.8														47	47	137	134
48/ 47		1.7	1.0	.1														25	25	75	108
46/ 45	.2	.2	.2	.1														7	7	55	106
44/ 43		.1																1	1	29	78
42/ 41																				5	51
40/ 39																					32
38/ 37																					28
36/ 35																					14
34/ 33																					3
32/ 31																					1
30/ 29																					1
28/ 27																					1
TOTAL	.7	9.3	18.5	23.0	17.9	15.6	8.3	4.7	1.2	.7		.1							899		899
																		899		899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4061358	59110	65.8	13.953	899			20.3	5.1	1.7		90
Dry Bulb	3355017	54501	60.6	7.532	899			1.2				90
Wet Bulb	2631788	48386	53.8	5.539	899							90
Dew Point	2145098	43575	48.5	6.062	899		.3					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34025 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | SEP MONTH

PAGE 1 | 1500-1700 HOURS L.S.T.

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21	22 23 24	25-26	27-29	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
85/ 85												.1							1	1			
84/ 83										.1	.4								5	5			
82/ 81									.1	.1	.1								3	3			
80/ 79									.3	.1									4	4			
78/ 77								.3	.3	.1									7	7			
76/ 75							.1	.4	.2	.1									8	8			
74/ 73						.2	.3	.6	.2										12	12			
72/ 71						.2	.9	.6	.2										17	17			
70/ 69			.1		2.1	.6	.7	.3	.1										35	35			
68/ 67		.1		.7	2.7	2.1	.6	.7	.1										62	62	2		
66/ 65		.1	.2	1.0	3.1	1.7	1.0	.7	.3										73	73	21	1	
64/ 63			1.2	1.9	1.9	1.6	1.3	.2	.1										76	76	35	2	
62/ 61			2.2	2.6	1.9	1.8	1.0	.1											86	86	53	1	
60/ 59		1.1	1.9	3.2	3.7	1.4	1.1	.1											113	113	73	10	
58/ 57		1.4	1.3	2.4	1.6	1.8	.1												80	80	96	.1	
56/ 55		1.8	2.8	3.0	2.0	.2													88	88	89	90	
54/ 53		1.6	1.9	2.1	1.3	.2	.3												67	67	109	84	
52/ 51	.2	.9	1.6	1.3	.3	.2													43	43	131	68	
50/ 49	.1	2.4	2.7	.9	.1	.1													57	57	91	107	
48/ 47	.1	2.7	1.2	.8															43	43	115	83	
46/ 45		.8	.4	.3															14	14	62	116	
44/ 43	.2	.2	.1																5	5	28	107	
42/ 41	.1																		1	1	15	81	
40/ 39																						30	
38/ 37																						38	
36/ 35																						14	
34/ 33																						4	
32/ 31																						4	
30/ 29																						2	
28/ 27																						1	
TOTAL	.8	13.1	17.9	20.2	21.3	13.2	8.0	3.6	1.2	.6	.1								900		900		900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4177715	59971	66.6	14.212	900							
Dry Bulb	3247998	53602	59.6	7.501	900			15.4	4.0	1.1		90
Wet Bulb	2560744	47746	53.1	5.557	900			.2				90
Dew Point	2090098	43024	47.8	6.092	900		.7					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34059 — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
R-77 — YEARS
SEP — MONTH

1800-2000 — HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79								.2										2	2		
78/ 77								.2										2	2		
76/ 75							.3											3	3		
74/ 73						.3	.3											6	6		
72/ 71						.3	.1											4	4		
70/ 69					.7	.5												11	11		
68/ 67				.9	1.4	.2	.1											24	24		
66/ 65			.5	2.0	.9	.2	.1											34	34	5	
64/ 63			1.2	2.6	.3	.7	.2											45	45	9	
62/ 61		.9	1.9	3.1	1.0	1.2	.3											76	76	26	1
60/ 59		1.7	2.2	2.4	.8	.7	.2											72	72	54	8
58/ 57		2.0	4.0	4.1	1.7	.7												117	117	86	36
56/ 55	.2	2.9	3.4	1.9	1.4	.8												96	96	82	58
54/ 53	.4	1.9	3.4	3.9	1.3	.0												104	104	101	95
52/ 51		2.0	4.2	1.3	1.0													77	77	104	82
50/ 49	.4	5.2	3.0	1.4	.1													99	99	121	116
48/ 47	.4	3.3	1.9	.3	.2													56	56	132	113
46/ 45	.3	1.2	1.3	1.0	.2													42	42	77	99
44/ 43	.3	1.4	.7		.1													23	23	53	98
42/ 41	.2	.4																6	6	25	67
40/ 39		.1																1	1	18	46
38/ 37																				3	29
36/ 35																					30
34/ 33																					6
32/ 31																					2
30/ 29																					3
28/ 27																					-
TOTAL	2.4	23.7	29.2	25.0	11.2	6.2	1.8	.4											900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5209480	67532	75.0	12.576	900							
Dry Bulb	2822366	50044	55.6	6.645	900			5.2	1.3			90
Wet Bulb	2385333	46065	51.2	5.538	900							90
Dew Point	2059171	42705	47.5	6.042	900		.6					90

USAFETAC FORM 0-26.5 (01, A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34059 — STATION — HAHN AB/HUNSRUCK GERMANY — STATION NAME — 8-77 — YEARS — SEP — MONTH

PAGE 1 — 2100-2400 — HOURS (L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28-29-30	≥31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
74/ 73							.2											2	2		
72/ 71						.6												5	5		
70/ 69					.9													9	9		
68/ 67				.1	.1	.2												4	4		
66/ 65			.4	.4	.4	.1												13	13		
64/ 63		.1	1.0	1.0	.9													27	27	3	
62/ 61		.6	2.2	1.8	.4	.1												46	46	26	2
60/ 59	.1	.9	3.1	1.7	.6	.2												59	59	47	8
58/ 57	.5	4.0	3.3	2.8	1.3	.3												111	111	82	30
56/ 55	.3	4.3	3.8	1.8	1.0													98	96	85	49
54/ 53	.9	2.6	3.9	2.0	1.0	.1												94	94	94	102
52/ 51	.1	2.2	4.7	2.2	.9													91	91	87	53
50/ 49	.6	7.0	6.1	.9	.1													132	132	117	109
48/ 47	.4	3.9	3.0	.3	.1													74	74	147	100
46/ 45	.6	4.6	1.4		.1													60	60	104	113
44/ 43	.4	2.6	1.1	.2	.1													40	40	73	104
42/ 41	.7	1.6	.9	.1														29	29	46	103
40/ 39		.7	.1															7	7	19	63
38/ 37																				13	27
36/ 35																				2	20
34/ 33																					11
32/ 31																					1
30/ 29																					3
28/ 27																					2
TOTAL	4.7	34.6	35.1	15.8	8.0	1.7	.2											900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5829928	71760	79.7	10.974	900							
Dry Bulb	2572342	47792	53.1	6.193	900			1.9	.2			90
Wet Bulb	2253366	44762	49.7	5.491	900							90
Dew Point	2001051	42101	46.8	5.930	900		.6					90

USAFETAC FORM 0-26-5 (01 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

64000 STATION — HAHN AP/HUNSRUCK GERMANY STATION NAME — B-77 YEARS — SEP MONTH

ALL HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	+31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
88/ 87												.0						1	1		
86/ 85										.0	.0							1	1		
84/ 83									.1	.1								11	11		
82/ 81								.1	.1	.0								11	11		
80/ 79							.0	.1	.1									16	16		
78/ 77							.1	.1	.0									17	17		
76/ 75						.1	.2	.1	.0									25	25		
74/ 73					.1	.2	.3	.0	.0									45	45		
72/ 71					.1	.4	.2	.1										55	55		
70/ 69			.0	.1	1.1	.3	.1	.1	.0									123	123		
68/ 67		.0	.1	.6	1.1	.6	.3	.2	.0									232	232	15	
66/ 65		.0	.4	1.0	1.0	.6	.3	.2	.1									267	267	59	1
64/ 63	.0	.1	1.0	1.5	.6	.7	.5	.1	.0									349	348	83	6
62/ 61	.1	.6	1.9	1.6	1.0	.6	.3	.1										470	470	238	29
60/ 59	.1	1.3	2.3	2.3	1.3	.4	.3	.0										576	576	359	92
58/ 57	.1	2.5	2.6	2.3	1.0	.6	.0											680	680	538	295
56/ 55	.3	3.4	3.4	1.9	1.2	.2	.0											749	749	700	475
54/ 53	.6	2.9	3.8	2.0	.8	.1	.1											749	749	812	720
52/ 51	.3	2.8	3.3	1.3	.5	.0	.0											593	593	650	536
50/ 49	.7	6.1	4.1	.9	.2	.0												857	857	909	1022
48/ 47	.4	3.9	2.3	.5	.1													519	519	962	844
46/ 45	.4	3.4	1.1	.4	.0													386	386	689	859
44/ 43	.5	2.1	.6	.1	.0													241	241	407	771
42/ 41	.4	1.3	.3	.0														143	143	297	643
40/ 39	.1	.5	.1	.0														54	54	133	402
38/ 37	.1	.2																20	20	60	233
36/ 35	.0	.1																7	7	23	170
34/ 33																				5	52
32/ 31																					21
30/ 29																					17
28/ 27																					5
TOTAL	4.3	31.2	27.5	16.8	10.2	5.5	2.8	1.2	.4	.2	.0	.0							7199		7199
																		7199		7199	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	43663584	551756	76.6	13.822	7199							
Dry Bulb	22248956	396528	55.1	7.527	7199			54.0	13.0	3.4		720
Wet Bulb	18887993	366345	50.9	5.838	7199			1.5				720
Dew Point	16431370	341236	47.4	5.971	7199		4.3					720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34025 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | R-77 YEARS | OCT MONTH

PAGE 1 | 0000-0200 HOURS (L.S.T.)

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21	22-23	24-25	26-27	28-29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61			.1	.1	.1															3	3		
60/ 59		.5	.2	.3	.1															11	11		
58/ 57		.6	.6	.4	.2															18	16	9	
56/ 55		3.0	1.6	.2	.3															49	48	19	10
54/ 53	.6	2.4	1.3	.5	.3															48	48	48	29
52/ 51	.4	3.2	3.4	.3																74	74	38	34
50/ 49	1.7	8.3	2.7																	118	118	90	78
48/ 47	1.3	4.2	2.6	.1	.3															79	79	119	87
46/ 45	2.6	6.7	1.1	.1																92	92	87	56
44/ 43	1.8	7.2	1.6	.2	.1															102	102	101	97
42/ 41	.9	7.3	1.6	.3	.1															95	85	89	97
40/ 39	2.0	6.5	.9	.2																89	59	120	94
38/ 37	.9	3.8	1.5	.3																50	60	75	90
36/ 35	.6	2.6	1.9																	49	49	46	65
34/ 33	1.4	1.2	1.6																	33	33	59	36
32/ 31	.1	.5	.2																	8	8	18	42
30/ 29		.2																		2	2	13	21
28/ 27		.1																		1	1	3	16
26/ 25																							17
24/ 23																							4
22/ 21																							3
TOTAL	14.0	58.6	22.6	3.2	1.6																930		930
																				930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum	7055082	80510	86.6	9.584	930							
Dry Bulb	1938739	42031	45.2	6.493	930		1.1					93
Wet Bulb	1781282	40282	43.3	6.269	930		3.4					93
Dew Point	1632618	38440	41.3	6.864	930		10.5					93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AB/HUNSRUCK GERMANY 9-77 OCT

PAGE 1 0300-0900

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1	2	3-4	5-6	7-8	9	10	11-12	13-14	15	16-17	18	19-20	21	22-23	24-25	26-27	28-29	30	>31	TOTAL D.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.1	.4		.1																5	6		
58/ 57			.4	.4																		4	4	2	
56/ 55	.1	1.6	1.4	.2	.1																	32	32	17	4
54/ 53	.3	2.3	.8	.3																		37	33	26	21
52/ 51	.5	3.3	2.2	.6																		67	62	45	26
50/ 49	2.2	7.5	2.6	.1																		115	115	84	75
48/ 47	1.3	5.4	1.4	.1																		77	76	101	67
46/ 45	2.3	7.4	.5	.1																		96	96	99	96
44/ 43	3.0	6.5	.8	.2	.2																	98	98	101	112
42/ 41	1.7	5.0	1.1	.2																		102	102	99	92
40/ 39	1.9	7.2	.6	.5																		96	96	96	110
38/ 37	2.4	6.5	.8																			88	88	96	95
36/ 35	1.3	2.5	1.7																			48	48	85	82
34/ 33	1.4	1.9	.9																			30	39	52	40
32/ 31	.5	1.4	.4																			22	22	34	32
30/ 29	.1	.3	.3																			7	7	20	20
28/ 27	.1	.1																				2	2	8	29
26/ 25																									20
24/ 23																									6
22/ 21																									3
TOTAL	18.8	62.4	15.9	2.5	.4																	930	930		30
																						930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7364770	82360	88.6	8.745	930							
Dry Bulb	1527933	40795	43.9	6.432	930		3.1					93
Wet Bulb	1702295	39359	42.3	6.274	930		6.2					93
Dew Point	1579610	37802	40.6	6.808	930		11.6					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AP/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63						.1												1	1		
62/ 61				.3	.1													4	4		
60/ 59			.4	.1														8	8		
58/ 57		.5	.6															11	11	3	
56/ 55		1.8	.9	.1														26	26	17	2
54/ 53	.3	2.8	1.5	.4														47	47	32	19
52/ 51	.9	3.8	2.9	.4														72	72	46	36
50/ 49	1.6	8.1	3.7	.2	.1													127	127	87	82
48/ 47	1.1	4.5	1.8	.1	.1													71	71	102	80
46/ 45	1.8	7.6	1.2	.2														101	101	91	90
44/ 43	2.5	6.7	1.2	.1	.3													100	100	111	107
42/ 41	1.4	7.0	1.0															87	87	99	85
40/ 39	1.6	7.3	1.2	.5														99	99	108	93
38/ 37	1.6	4.6	.5	.1														64	64	88	95
36/ 35	1.1	3.3	1.2															52	52	56	87
34/ 33	.9	1.6	.8															30	30	49	42
32/ 31	.6	1.5	.2															22	22	31	43
30/ 29	.1	.3																4	4	12	25
28/ 27	.4																	4	4	7	29
26/ 25																					11
24/ 23																					3
22/ 21																					1
TOTAL	15.7	61.5	19.4	2.7	.6	.1												930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7204096	81436	87.6	8.871	930							
Dry Bulb	1882353	41397	44.5	6.533	930		3.0					93
Wet Bulb	1738251	39785	42.8	6.248	930		5.0					93
Dew Point	1602971	38109	41.0	6.673	930		11.2					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AP/HUNSRUCK GERMANY STATION NAME | 3-77 YEARS | OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65				.2	.5	.2													9	9		
64/ 63				.6		.2	.1												9	9		
62/ 61			.1	1.1	.2	.3													16	16		
60/ 59		.1	1.7	1.7	.6	.1													40	40	4	
58/ 57		.5	1.9	2.2	.6	.1													50	50	14	
56/ 55		2.4	2.2	1.1	.3	.1													56	56	35	4
54/ 53	.4	2.3	3.3	1.2	.3		.2												72	72	65	46
52/ 51	.5	2.2	2.7	.6	.4	.1	.1												62	62	81	43
50/ 49	1.0	5.7	4.1	1.3		.1													113	113	89	85
48/ 47	.8	3.4	4.1	1.1	.6	.4													97	97	99	87
46/ 45	.6	5.7	3.0	.4	.3	.1													96	96	101	101
44/ 43	1.0	7.0	1.8	.3	.4														98	98	111	87
42/ 41	1.0	6.7	1.6	.5	.2														93	93	113	134
40/ 39	.9	3.5	1.2	.3															55	55	84	89
38/ 37	.3	2.4	1.0	.1															35	35	54	97
36/ 35	1.0	.9	.3																20	20	49	55
34/ 33	.4	.2																	6	6	17	25
32/ 31	.1	.2																	3	3	9	20
30/ 29																						16
28/ 27																						17
26/ 25																						9
24/ 23																						5
TOTAL	8.1	43.1	29.0	12.8	4.7	1.8	.4												930	930	930	930

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6291706	75602	81.3	12.529	930
Dry Bulb	2198100	44764	48.1	6.840	930
Wet Bulb	1937401	42079	45.2	6.004	930
Dew Point	1708944	39402	42.4	6.526	930

Mean No. Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		.3					93
Wet Bulb		.9					93
Dew Point		6.7					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 8-77 YEARS — OCT MONTH

PAGE 1 — 1200-1400 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
70/ 69					.2	.4	.3	.2										11	11		
68/ 67				.1	.3	.6	.2	.1										13	13		
66/ 65				.9	.4	.8	.3											22	22		
64/ 63			.5	1.4	.9	.6	.3											35	35		
62/ 61			.6	1.2	1.5	.5	.5											41	41	4	
60/ 59		.5	.9	1.7	1.2	.1	.1											42	42	22	
58/ 57		1.3	1.6	2.4	.8	.2		.2										60	60	40	5
56/ 55	.1	1.9	1.5	2.3	1.0	.1	.1	.3										68	68	58	26
54/ 53	.3	1.9	3.1	2.5	1.1	.1	.2	.3										89	89	82	43
52/ 51	.3	1.0	2.7	3.2	1.2	.3	.1											82	82	84	56
50/ 49	.4	3.9	3.9	3.3	.6	1.3	.3											128	128	73	84
48/ 47	.4	3.8	3.6	1.9	.3	.2												97	97	113	97
46/ 45	.4	4.2	2.7	1.0	.5	.2												84	84	108	106
44/ 43	.6	4.5	.5	.4	.6	.1												64	64	124	88
42/ 41	.4	2.7	1.1	.2														41	41	101	82
40/ 39	.5	1.7	.6	.3														30	30	54	134
38/ 37	.9	1.0																17	17	45	70
36/ 35	.1	.3																4	4	18	54
34/ 33		.2																2	2	4	17
32/ 31																					20
30/ 29																					17
28/ 27																					12
26/ 25																					13
24/ 23																					6
TOTAL	4.6	26.9	23.5	22.8	10.6	5.7	2.6	1.2										930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5393798	69470	74.7	14.835	930							
Dry Bulb	2506996	47810	51.4	7.274	930			2.4				93
Wet Bulb	2103320	43874	47.2	6.005	930							93
Dew Point	1769857	40069	43.1	6.842	930		6.8					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/INNSBRUCK GERMANY STATION NAME | 8-77 YEARS | OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71									.1									1	1		
70/ 69						.2		.1										3	3		
68/ 67				.1	.1	.4	.1											7	7		
66/ 65			.1	.2	.8	.1	.3											14	14		
64/ 63			.2	.6	.8	.8	.2											24	24		
62/ 61			.6	.9	.6	.4	.2											26	26	2	
60/ 59		.4	1.2	2.0	.6	.2	.2											45	45	17	1
58/ 57		1.1	1.5	1.7	.6			.1										47	47	28	4
56/ 55	.1	1.5	2.6	2.2	.3		.1	.1										66	66	47	11
54/ 53	.2	1.8	3.2	2.4	.6	.1	.1											79	79	62	41
52/ 51		1.7	2.3	1.6	.6	.2	.1											61	61	81	39
50/ 49	.6	4.4	4.0	1.7	.8	.6	.1											115	115	90	83
48/ 47	.3	2.5	4.9	2.2	.5	.4												101	101	91	82
46/ 45	.3	4.9	3.2	.9	.6	.2	.1											96	96	99	95
44/ 43	.5	5.6	2.0	.6	.5													87	87	117	84
42/ 41	.5	6.6	1.4	.6	.5													90	90	130	132
40/ 39	.4	2.9	.8	.2														40	40	73	112
38/ 37	.5	.6	.4	.1														16	16	52	98
36/ 35	.1	.8	.1															9	9	30	43
34/ 33	.1	.2																3	3	13	26
32/ 31																				3	19
30/ 29																					20
28/ 27																					21
26/ 25																					9
24/ 23																					7
22/ 21																					3
TOTAL	3.9	35.1	28.8	18.1	8.3	3.9	1.6	.3	.1										930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5655683	71361	76.7	13.919	930							
Dry Bulb	2342977	46213	49.7	7.082	930			1.1				93
Wet Bulb	1999199	42753	46.0	6.032	930		.3					93
Dew Point	1701982	39276	42.2	6.825	930		7.9					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 6-77 YEARS — OCT MONTH

PAGE 1 — 1800-2000 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B	TOTAL Dry Bulb	Wet Bulb	Dew Point
66/ 65				.4		.1												5	5		
64/ 63				.5	.2													7	7		
62/ 61			.3	.6	.1	.1												11	11		
60/ 59		.3	1.1	.4	.1		.1											19	19	7	
58/ 57		.8	2.4	.8	.6	.1												43	43	9	4
56/ 55		1.4	1.7	1.3	.3													44	44	38	3
54/ 53	.3	1.7	3.7	1.5														67	67	47	26
52/ 51	.4	2.8	3.9	.8														73	73	55	50
50/ 49	1.3	6.5	4.5	.4	.3	.1												122	122	94	89
48/ 47	.3	4.1	3.3	.4	.1	.1												78	78	108	72
46/ 45	1.2	6.6	3.7	.5	.2	.1												114	114	97	101
44/ 43	.9	7.2	2.9	.9	.2													112	112	101	89
42/ 41	1.1	6.2	1.9	1.1	.2													98	98	124	98
40/ 39	.9	3.9	.9	1.1	.1													63	63	101	93
38/ 37	.9	2.2	.5	.4														37	37	63	121
36/ 35	.2	1.7	.6															24	24	46	68
34/ 33	.2	.3	.8															12	12	24	34
32/ 31			.1															1	1	11	17
30/ 29																				5	24
28/ 27																					15
26/ 25																					15
24/ 23																					8
22/ 21																					3
TOTAL	7.6	45.6	32.3	11.2	2.6	.6	.1												930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. hum.	6377133	76291	82.0	11.305	930							
Dry Bulb	2107620	43858	47.2	8.505	930		.1					93
Wet Bulb	1877551	41407	44.5	6.046	930		1.6					93
Dew Point	1664215	38831	41.8	6.793	930		8.0					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HU SPUCK GERMANY STATION NAME | 8-77 YEARS | OCT MONTH

PAGE 1 | 2100-2300 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63			.1	.2														3	3			
62/ 61			.2		.1													3	3			
60/ 59		.2	1.1	.6	.3													22	22	7		
58/ 57	.1	.8	1.1	.5	.3	.1												27	27	6	2	
56/ 55	.2	1.6	1.5	.5	.5													44	44	23	7	
54/ 53	.1	1.6	2.2	.4	.1													41	41	44	25	
52/ 51	.3	2.4	4.7	.5														74	74	35	27	
50/ 49	1.0	6.8	2.6	.2	.1													105	105	100	71	
48/ 47	1.0	5.2	2.7	.3	.2													87	87	110	81	
46/ 45	1.4	3.5	1.6		.2													81	81	64	95	
44/ 43	1.4	7.4	3.1	.3	.2													116	116	103	92	
42/ 41	1.2	8.1	3.5	.6	.1													126	126	103	102	
40/ 39	2.0	4.7	2.0	.3														85	85	115	111	
38/ 37	1.1	3.6	2.2															58	58	79	89	
36/ 35	.5	2.0	.6	.2														32	32	58	95	
34/ 33	.2	.1	.9															17	17	44	37	
32/ 31		.4	.1															5	5	10	26	
30/ 29		.4																4	4	11	23	
28/ 27																				3	24	
26/ 25																					11	
24/ 23																					11	
22/ 21																					1	
TOTAL	11.8	50.2	30.5	5.1	2.3	.1												930	930	930	930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	6719716	78470	84.4	10.308	930							
Dry Bulb	1979805	42487	45.7	6.462	930		.9					93
Wet Bulb	1792523	40427	43.5	6.152	930		2.4					93
Dew Point	1614163	38225	41.1	6.806	930		9.6					93

USAFETAC FORM 0-26-5 (OL A) 300 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34025 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 3-71 YEARS | CT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71									.0									1	1		
70/ 69						.0	.1	.0	.0									14	14		
68/ 67					.0	.1	.1	.0	.0									20	20		
66/ 65				.0	.2	.2	.1	.1										50	50		
64/ 63				.1	.4	.2	.2	.1										79	79		
62/ 61				.3	.5	.3	.2	.1										104	104	6	
60/ 59			.3	.9	.9	.4	.1	.1										193	193	47	1
58/ 57		.0	.8	1.3	1.0	.4	.1		.0									264	264	115	15
56/ 55		.1	1.9	1.7	1.0	.4	.0	.0	.1									384	384	247	57
54/ 53		.3	2.1	2.4	1.2	.3	.0	.1	.0									476	476	406	252
52/ 51		.4	2.0	3.1	1.0	.3	.1	.0										560	560	456	305
50/ 49		1.3	6.4	3.5	.9	.2	.3	.1										943	943	707	447
48/ 47		.8	4.1	3.1	.8	.3	.1											686	686	639	653
46/ 45		1.3	6.1	2.1	.4	.2	.1	.0										760	760	706	772
44/ 43		1.5	6.5	1.7	.4	.3	.0											777	777	869	756
42/ 41		1.0	6.6	1.7	.5	.1												732	732	840	822
40/ 39		1.3	4.7	1.6	.4	.0												557	557	731	836
38/ 37		1.1	3.0	.6	.1													375	375	552	755
36/ 35		.6	1.8	.8	.0													238	238	368	579
34/ 33		.7	.7	.5														142	142	262	257
32/ 31		.2	.5	.1														61	61	116	219
30/ 29		.0	.2	.0														17	17	61	172
28/ 27		.1	.0															7	7	21	105
26/ 25																					103
24/ 23																					50
22/ 21																					14
TOTAL	10.	64	8.2	25.2	9.8	3.9	1.5	.6	.2	.0								7440	7440	7440	7440

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	52061984	615500	82.7	12.393	7440							
Dry Bulb	16784523	349355	47.0	7.148	7440		8.5	3.5				744
Wet Bulb	14931822	329966	44.4	6.326	7440		19.6					744
Dew Point	13274360	310154	41.7	6.809	7440		72.3					744

USAFETAC FORM 0-26-5 (OL-A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | MAY MONTH

 0000-0700 HOURS L.S.T.

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63					.1													1	1		
62/ 61					.1													1	1		
60/ 59				.2														2	2		
58/ 57				.1	.1													2	2		
56/ 55		.4	.1															5	5	3	
54/ 53		.6	.6	.3	.1													16	16	8	3
52/ 51		.7	.3															11	11	10	5
50/ 49	.1	1.0	1.0		.2													31	31	14	14
48/ 47	.7	2.1	.8	.2														34	34	30	21
46/ 45	.9	3.6	.8	.2														49	49	41	26
44/ 43	1.2	5.7	1.1															72	72	54	48
42/ 41	.6	5.4	1.0															66	66	66	51
40/ 39	1.9	9.0	2.1															117	117	105	83
38/ 37	2.7	8.2	.6															103	103	117	107
36/ 35	2.7	10.4	.8															128	128	116	131
34/ 33	1.7	4.7	.9															65	65	112	116
32/ 31	3.2	5.9	.1															33	83	71	103
30/ 29	2.0	3.3																48	48	72	65
28/ 27	1.9	.8	.2															26	26	36	57
26/ 25	.7	1.0																15	15	10	34
24/ 23		1.3																12	12	11	16
22/ 21	.4	.3																7	7	16	1
20/ 19	.3																	3	3	5	14
18/ 17	.3																	3	3	3	14
16/ 15																					8
TOTAL	21.2	65.6	11.4	1.1	.7														900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7093989	79555	88.4	8.289	900							
Dry Bulb	1343739	34201	38.0	7.001	900		19.7					90
Wet Bulb	1245250	32956	36.6	6.542	900		22.4					90
Dew Point	1132471	31327	34.8	6.839	900		31.2					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34056 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — S-77 YEARS — NOV MONTH

PAGE 3 — 0300-0500 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. & W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1													1	1		
60/ 59				.2														2	2		
58/ 57				.1														1	1		
56/ 55			.4	.1	.2													7	7		
54/ 53		.2	.7															10	10	5	
52/ 51		.3	.3	.1														7	7	10	3
50/ 49	.4	1.3	.7															22	22	19	14
48/ 47	.3	1.7	.7	.1														25	25	21	17
46/ 45	.8	4.0	.9	.1														52	52	30	27
44/ 43	1.1	4.9	.6	.1														60	60	57	39
42/ 41	2.3	7.1	1.2															93	93	81	79
40/ 39	2.1	7.3	.8	.1														97	97	79	71
38/ 37	4.0	7.3	.9															110	110	118	96
36/ 35	2.0	7.8	.2															90	90	92	113
34/ 33	6.3	4.3	.6															93	98	135	102
32/ 31	3.0	5.0																77	77	71	104
30/ 29	1.7	4.0																51	51	74	59
28/ 27	2.1	2.0	.1															38	38	42	56
26/ 25	2.0	.7	.1															25	25	28	46
24/ 23	.7	1.8																22	22	15	34
22/ 21	.1	.4																5	5	13	12
20/ 19	.8	.1																6	6	9	6
18/ 17																					11
16/ 15																					9
14/ 13																					1
TOTAL	29.8	60.8	8.3	1.0	.3														899		899
																		899		899	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7323132	80816	89.9	8.047	899							
Dry Bulb	1285102	33406	37.2	6.981	899		22.4					90
Wet Bulb	1203157	32357	36.0	6.553	899		25.2					90
Dew Point	1106787	30931	34.4	6.886	899		33.8					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34035 STATION — HAHN AB/INNSBRUCK GERMANY STATION NAME — 9-77 YEARS — NOV MONTH

PAGE 1 — 0600-0800 HOURS L.S.T.

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28 29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1													1	1		
60/ 59					.1													1	1		
58/ 57				.2														2	2		
56/ 55		.2	.2	.3	.2													9	9		
54/ 53		.2	.5	.4														11	11	7	2
52/ 51		.5	.6															12	12	8	3
50/ 49	.4	1.7	.7	.2														27	27	20	17
48/ 47	.5	2.6	.7	.2														36	36	30	19
46/ 45	1.0	5.0	.3	.1														58	58	38	33
44/ 43	1.2	5.1	.3	.1														63	63	66	46
42/ 41	1.1	5.3	.5															63	63	60	61
40/ 39	2.1	9.2	1.3															118	118	83	75
38/ 37	2.2	6.1	.3															78	78	115	81
36/ 35	3.3	8.3	.2															107	107	102	117
34/ 33	2.7	6.7	.6															89	89	111	98
32/ 31	3.9	6.4	.1															94	94	78	127
30/ 29	2.2	3.3	.1															51	51	76	63
28/ 27	2.1	1.8																35	35	41	57
26/ 25	.5	1.1																17	17	23	30
24/ 23	.1	1.6																15	15	11	26
22/ 21	.1	.5																6	6	12	18
20/ 19	.1	.3																4	4	6	2
18/ 17	.3																	3	3	4	8
16/ 15																					3
14/ 13																					3
12/ 11																					1
TOTAL	24.3	66.3	7.2	1.7	.4													900		900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7223828	80314	89.2	7.948	900							
Dry Bulb	1318457	33843	37.6	7.141	900		22.5					90
Wet Bulb	1228933	32709	36.3	6.685	900		25.1					90
Dew Point	1125680	31196	34.7	7.024	900		34.5					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 (STATION) HAHN AP/HUNSRUCK GERMANY (STATION NAME) 8-77 (YEARS) NOV (MONTH)

PAGE 1 0930-1430 (HOURS L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59				.1														1		1		
58/ 57			.1	.5	.2		.1											9		9		
56/ 55		.4	.2	.1														7		7	1	
54/ 53		.5	1.2	.5	.1													20		20	7	3
52/ 51		.9	.7	.4	.													19		19	12	2
50/ 49	.3	2.0	1.4	.2														36		36	31	15
48/ 47	.5	1.6	1.6	.2														33		33	35	29
46/ 45	.8	4.7	1.7	.1														65		65	43	32
44/ 43	1.2	4.9	.9	.3														66		66	65	47
42/ 41	1.5	6.6	2.5	.1														107		107	88	75
40/ 39	2.0	7.8	3.1	.1														117		117	95	87
38/ 37	1.4	7.1	1.4	.1														91		91	109	103
36/ 35	1.4	8.9	1.0															102		102	105	97
34/ 33	2.6	5.6	.5															78		78	108	109
32/ 31	1.2	2.7	.3															38		38	63	93
30/ 29	1.7	3.0	.3															50		50	65	56
28/ 27	1.5	1.7	.1															30		30	33	51
26/ 25	.3	1.4	.1															17		17	19	30
24/ 23	.1	.9	.2															11		11	12	10
22/ 21	.1																	1		1	5	13
20/ 19	.1																	1		1	1	7
18/ 17																						3
16/ 15																						4
14/ 13																						3
TOTAL	16.2	63.2	17.0	3.0	.4		.1											899	899	899	899	899

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_A	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6798202	77756	86.5	9.014	899							
Dry Bulb	1417235	35129	39.1	7.043	899		14.8					90
Wet Bulb	1296288	32632	37.4	6.514	899		19.9					90
Dew Point	1160729	31711	35.3	6.852	899		30.0					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34005 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 8-77 YEARS | JUL MONTH

PAGE 1 | 1200-1400 HOURS (LST)

Temp F	WET BULB TEMPERATURE DEPRESSION F																									TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31													
62/ 61					.3																					3		3		
60/ 59			.2	.2	.1																					5		5		
58/ 57				.3		.3																				6		6		
56/ 55	.1	.2	.1	.9	.7																					18		18	4	1
54/ 53		.8	.6	.4	.0																					21		21	9	0
52/ 51		1.0	.7	.7	.3																					24		24	14	
50/ 49	.1	3.2	2.7	1.0	.1																					54		54	46	19
48/ 47	.4	2.2	2.9	.6	.1																					56		56	54	32
46/ 45	1.0	4.3	2.1	.6																						72		72	77	43
44/ 43	.9	5.5	3.6	.3																						92		92	76	53
42/ 41	1.2	5.1	3.5	.1																						89		89	97	65
40/ 39	.4	6.4	5.4	.6	.2																					116		116	93	89
38/ 37	2.3	5.2	1.8	.6	.2																					88		88	131	90
36/ 35	1.9	5.2	1.4	.2																						79		79	101	132
34/ 33	.9	4.3	1.2																							58		58	74	94
32/ 31	1.3	3.5	.7																							51		51	57	105
30/ 29	.7	2.2	.2																							28		28	48	58
28/ 27	.4	.9	.1																							13		13	25	33
26/ 25	.2	.9																								10		10	11	23
24/ 23		.4																								4		4	8	24
22/ 21																													2	7
20/ 19																														7
18/ 17																														5
16/ 15																														3
TOTAL	11.9	51.5	27.1	6.5	2.7	.3																				897		897		897

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6255035	74233	82.8	11.167	897							
Dry Bulb	1550654	36760	41.0	7.023	897		10.6					90
Wet Bulb	1382629	34753	38.7	6.354	897		15.2					90
Dew Point	1198936	32224	35.9	6.790	897		27.4					90

USAFETAC FORM 0-26-5 (OL-A) 80 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 8-77 YEARS — MONTH

PAGE 1 — 1500-1700 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22-23	24-25	26-27	28-29	30 +	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59				.1														1	1			
58/ 57		.2	.3	.2														7	7			
56/ 55		.1	.1	.7	.1													9	9	3		
54/ 53		.3	.7	1.1	.3													22	22	4		3
52/ 51		.7	.3	.3														12	12	5		5
50/ 49	.1	2.1	1.5	1.1	.1													44	44	24		6
48/ 47	.1	2.7	1.7	.8														47	47	39		17
46/ 45	.6	4.2	2.0	.8														70	70	58		39
44/ 43	.9	4.6	2.5	.3														74	74	70		49
42/ 41	1.2	7.1	4.0	.2														113	113	89		60
40/ 39	.9	6.6	4.9	.2														113	113	96		74
38/ 37	1.2	7.1	2.3	.1														97	97	104		110
36/ 35	1.5	7.3	1.8															94	94	123		111
34/ 33	1.0	3.3	1.9															56	56	91		109
32/ 31	.6	4.0	1.0	.1														55	55	57		85
30/ 29	1.1	3.3	.1															41	41	76		71
28/ 27	1.2	1.3		.1														24	24	27		56
26/ 25	.1	.9	.1															10	10	13		35
24/ 23	.2	.8																9	9	9		32
22/ 21																				5		9
20/ 19																						5
18/ 17																						3
16/ 15																						1
12/ 11																						1
TOTAL	11.2	56.3	25.2	6.2	.6													896	896	896		896

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Ref. Hum.	6362035	74983	83.7	9.858	896							
Dry Bulb	1455363	35589	39.7	6.832	896		13.8					90
Wet Bulb	1307392	33760	37.7	6.286	896		18.8					90
Dew Point	1139577	31393	35.0	6.657	896		30.4					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 HAHN AB/HUNSRUCK GERMANY 5-77 NOV
STATION STATION NAME YEARS MONTH

PAGE 3 1800-2000
HOURS (L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	TOTAL D.B. W.B	TOTAL Dew Point
58/ 57							.1																									1	1	
56/ 55			.2	.1		.1	.1																									-	0	2
54/ 53			.4	.7		.3	.1																									14	14	2	3
52/ 51			.7	1.4		.2																										19	19	10	4
50/ 49			1.4	1.3		.2																										27	27	22	12
48/ 47		.3	2.1	1.3		.1																										39	39	24	21
46/ 45		1.0	4.7	1.7		.7																										72	71	47	35
44/ 43		.7	6.7	1.6		.2																										84	84	67	34
42/ 41		.7	6.2	2.2																												84	84	56	54
40/ 39		.3	7.0	3.6																												102	102	104	67
38/ 37		1.3	7.9	1.6																												99	99	105	105
36/ 35		1.6	9.6	1.5																												116	116	112	122
34/ 33		1.3	4.3	1.3																												53	53	106	113
32/ 31		1.9	6.6	1.1																												85	85	87	106
30/ 29		1.2	3.1	.1																												47	46	65	73
28/ 27		.6	1.0	.1																												15	15	20	57
26/ 25		.7	1.0	.1																												16	16	17	28
24/ 23		.1	1.1	.1																												12	12	11	23
22/ 21		.2	.1																													3	3	11	12
20/ 19																																		1	10
18/ 17																																			5
16/ 15																																			4
12/ 11																																			2
10/ 9																																			1
TOTAL	12.	76	4.	22	0.	7	2.	0		.2																						899	899	899	899

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6679827	77099	85.8	8.686	899							
Dry Bulb	1389071	34827	38.7	6.664	899		17.1					90
Wet Bulb	1267059	33279	37.0	6.256	899		21.2					90
Dew Point	1125900	31242	34.8	6.689	899		32.1					90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34056 HAHN AB/HUNSRUCK GERMANY 68-77 NOV
STATION NUMBER STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7	8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57				.2															2	2		
56/ 55			.3	.4		.2													0	9	1	
54/ 53			.6	.4	.3														12	12	4	3
52/ 51			.8	.3	.1														11	11	15	1
50/ 49		1.0	1.4	.2															24	24	11	13
48/ 47	.2	1.6	.6	.3															24	24	23	18
46/ 45	.8	3.9	1.0	.1															57	52	32	23
44/ 43	1.3	4.8	1.6	.3															72	72	58	41
42/ 41	1.8	6.9	2.1																97	97	79	65
40/ 39	1.4	8.2	2.9																11	113	96	63
38/ 37	2.2	8.6	.6	.1															103	103	124	102
36/ 35	2.8	9.0	2.0																124	124	119	141
34/ 33	1.7	4.8	1.3																70	70	107	103
32/ 31	1.3	4.8	.3																56	58	71	78
30/ 29	2.1	4.4	.6																64	64	89	71
28/ 27	1.4	.8	.1																21	21	29	74
26/ 25	1.0	.7																	15	15	17	40
24/ 23		2.1	.1																20	20	12	20
22/ 21	.3	.3																	6	0	16	9
20/ 19	.1																		1	1	4	16
18/ 17	.1																		1	1	1	10
16/ 15																						5
14/ 13																						2
10/ 9																						1
TOTAL	18.7	63.5	15.8	1.8	.2														899	899		899
																			899		899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6909145	78431	87.2	8.614	899							
Dry Bulb	1329904	34044	37.9	6.732	899		18.6					90
Wet Bulb	1224140	32676	36.3	6.372	899		23.9					90
Dew Point	1107178	30867	34.3	6.837	899		32.3					90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
64/ 63					.0													1	1		
62/ 61					.1													6	6		
60/ 59			.0	.1	.0													12	12		
58/ 57		.0	.1	.2	.0	.0	.0											30	30		
56/ 55	.0	.3	.3	.3	.2													72	72	14	1
54/ 53		.5	.7	.4	.2													126	126	48	23
52/ 51		.7	.6	.2	.1													115	115	56	22
50/ 49	.2	1.8	1.4	.4	.1													275	275	157	12
48/ 47	.4	2.1	1.3	.3	.0													294	294	255	174
46/ 45	.9	4.3	1.3	.3														490	490	366	260
44/ 43	1.1	5.3	1.6	.2														583	583	514	359
42/ 41	1.2	5.5	2.1	.1														712	712	645	528
40/ 39	1.5	7.7	3.1	.1	.0													893	893	741	590
38/ 37	2.1	7.2	1.2	.1	.0													769	769	923	794
36/ 35	2.2	6.4	1.1	.0														840	840	870	964
34/ 33	2.2	4.8	1.0															577	577	844	844
32/ 31	2.2	4.9	.5	.0														539	539	535	501
30/ 29	1.6	3.4	.2															373	373	585	526
28/ 27	1.4	1.3	.1	.0														202	202	253	441
26/ 25	.7	1.0	.1															125	125	138	271
24/ 23	.2	1.3	.1															105	105	89	205
22/ 21	.2	.2																28	28	81	82
20/ 19	.2	.1																15	15	26	68
18/ 17	.1																	7	7	8	59
16/ 15																					48
14/ 13																					11
12/ 11																					4
10/ 9																					2
TOTAL	18.2	61.5	16.6	2.9	.7	.0	.0											7189	7189	7189	7189

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	54645193	623187	86.7	9.313	7189							
Dry Bulb	11089525	277799	38.6	7.025	7189		139.6					720
Wet Bulb	10154848	266122	37.0	6.499	7189		171.8					720
Dew Point	9091865	250891	34.9	6.836	7189		252.2					720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | DEC MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53		.2																2	2		
52/ 51		.1	.1															2	2	2	
50/ 49	.2	.4																6	6	4	4
48/ 47	.2	1.4	.3															18	18	9	7
46/ 45	.1	2.2	.9	.1														30	30	13	10
44/ 43	.2	1.7	.4			.1												23	23	28	15
42/ 41	.-	2.6	.6	.1	.1	.1												36	36	24	22
40/ 39	2.2	3.3	.5															56	56	00	44
38/ 37	1.4	5.7	.5															71	71	63	41
36/ 35	2.6	5.7	.8															84	84	70	81
34/ 33	3.1	8.4	.5															112	112	123	66
32/ 31	3.0	9.1	1.1	.1														124	124	93	115
30/ 29	2.5	4.1		.1	.1													63	63	115	96
28/ 27	2.8	3.3																57	57	54	81
26/ 25	3.2	2.2	.1	.1														52	52	63	56
24/ 23	1.8	5.2	.3	.1														69	69	39	75
22/ 21	.3	2.8																33	33	62	23
20/ 19	2.0	1.9	.6															43	43	46	42
18/ 17	1.0	.4																13	13	23	59
16/ 15	.8	.8																13	13	14	37
14/ 13	.8	.9																15	15	15	10
12/ 11	.2	.4																6	6	7	14
10/ 9		.2																2	2	3	10
8/ 7																					13
6/ 5																					9
TOTAL	29.0	63.0	6.9	.6	.2	.2													930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	7191296	81326	87.4	9.254	930							
Dry Bulb	988777	29393	31.6	8.023	930		49.0					93
Wet Bulb	960608	28352	30.5	7.783	930		53.4					93
Dew Point	810041	26223	28.2	8.720	930		64.0					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AP/HUNSRUCK GERMANY STATION NAME | B-77 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.2															2	2		
52/ 51		.2	.2															4	4	2	
50/ 49	.1	.3																4	4	4	2
48/ 47	.2	.8	.2															11	11	9	6
46/ 45	.1	1.9	.6															26	26	13	8
44/ 43	.2	1.9	.2															22	22	22	17
42/ 41	.9	3.5	.9															45	45	30	25
40/ 39	2.0	3.4	.3															54	54	51	45
38/ 37	1.9	4.0	.3	.1														59	59	61	45
36/ 35	3.2	5.6	.4	.2														88	88	87	81
34/ 33	3.1	7.4	.3															101	101	107	52
32/ 31	2.7	8.5	1.3	.2														118	118	100	93
30/ 29	2.0	5.6																71	71	118	98
28/ 27	2.7	2.8	.1															52	52	57	79
26/ 25	2.5	3.2		.1														54	54	59	56
24/ 23	3.3	4.6	.3	.2														76	76	48	87
22/ 21	1.7	2.4	.7															40	40	58	42
20/ 19	1.8	1.7	.3															36	36	30	42
18/ 17	2.2	.8	.1															28	28	38	47
16/ 15	.9																	8	8	15	39
14/ 13	1.3	1.0																18	18	17	17
12/ 11	.5	.5																10	10	12	12
10/ 9	.2	.1																3	3	3	13
8/ 7																					13
6/ 5																					7
4/ 3																					1
2/ 1																					1
TOTAL	32.6	60.3	6.2	.9															930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7326908	82154	88.3	3.657	930							
Dry Bulb	957749	28857	31.0	8.192	930		51.4					93
Wet Bulb	896494	27910	30.0	7.962	930		56.4					93
Dew Point	796429	25953	27.9	8.814	930		64.7					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 73-77 YEARS — DEC MONTH

PAGE 1 — 0800-0800 HOURS L.S.T.

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.2															2	2		
52/ 51			.3															3	3	1	
50/ 49	.2	.4	.1															7	7	5	3
48/ 47	.1	1.0	.2															12	12	7	5
46/ 45	.1	1.6	.2	.1														19	19	15	12
44/ 43	.2	1.9	.6	.1														27	27	18	15
42/ 41	.3	2.6	.9															35	35	24	17
40/ 39	1.4	4.8	.4															62	62	56	34
38/ 37	1.0	4.9	.3															58	58	72	58
36/ 35	2.6	6.3	.9	.1														92	92	88	99
34/ 33	2.0	7.7	.9															99	99	105	80
32/ 31	4.2	9.7	1.1															139	139	106	111
30/ 29	2.6	4.9	.1															71	71	123	96
28/ 27	2.5	2.9																50	50	59	75
26/ 25	1.7	3.2	.1															47	47	45	64
24/ 23	1.8	4.6	.2	.1														63	63	49	61
22/ 21	2.0	1.9	.5															42	42	61	38
20/ 19	1.2	2.4	.1															34	34	39	52
18/ 17	1.1	1.3	.2															24	24	30	39
16/ 15	1.2	.4																15	15	17	34
14/ 13	.8	1.1																17	17	19	26
12/ 11	.3	.4																7	7	6	14
10/ 9	.2	.1																3	3	5	10
8/ 7		.1																1	1		8
6/ 5		.1																1	1	2	5
4/ 3																					2
2/ 1																					3
TOTAL	27.5	64.6	7.4	.4															930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7200603	81477	87.6	8.198	930							
Dry Bulb	966012	28998	31.2	8.159	930		51.4					93
Wet Bulb	900064	27984	30.1	7.903	930		56.1					93
Dew Point	793122	25916	27.9	8.738	930		64.7					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 3-77 YEARS | DEC MONTH

PAGE 1 | 0900-1100 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53		.1	.1															2	2		
52/ 51			.1															1	1	1	
50/ 49		.0	.3															9	9	3	1
48/ 47	.1	1.0	.2															12	12	7	5
46/ 45	.1	1.4	.4		.1													19	19	14	10
44/ 43	.1	2.2	.9	.1														30	30	17	11
42/ 41	.2	4.5	1.7	.1														61	61	28	21
40/ 39	.9	4.3	1.2															59	59	53	44
38/ 37	.8	5.6	.8															65	60	64	43
36/ 35	2.2	6.9	1.2															95	95	65	85
34/ 33	2.2	6.5	2.4															102	102	94	83
32/ 31	1.7	8.8	.9															106	106	102	67
30/ 29	1.6	7.1	.3															84	84	136	87
28/ 27	2.6	2.2	.5	.3														52	52	67	107
26/ 25	1.7	3.2	.1															47	47	35	82
24/ 23	2.0	5.2	.3	.2														72	72	63	62
22/ 21	1.4	2.4	.1															36	36	46	42
20/ 19	1.9	2.6																42	42	49	52
18/ 17	.4	.5																9	9	24	38
16/ 15	1.0	.3																12	12	12	29
14/ 13	.2	.5																7	7	8	22
12/ 11	.1	.3																4	4	6	16
10/ 9	.1	.1																2	2	2	8
8/ 7		.0																1	1	1	8
6/ 5																					5
4/ 3																					2
TOTAL	21.3	66.3	11.5	.8	.1													930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6919525	79797	85.8	8.845	930							
Dry Bulb	1004562	29694	31.9	7.796	930		47.4					93
Wet Bulb	923014	28462	30.6	7.478	930		55.1					93
Dew Point	797081	26103	28.1	8.328	930		62.7					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | 68-77 YEARS | DEC MONTH

PAGE 1 | 1200-1400 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.2															2	2		
52/ 51			.4															4	4		
50/ 49		1.0	.2															11	11	4	
48/ 47	.1	.8	1.0	.1	.1													18	18	14	8
46/ 45	.2	1.6	1.2	.1														27	27	10	14
44/ 43	.3	3.4	1.7	.1														52	52	32	17
42/ 41	.3	4.8	1.3															60	60	47	25
40/ 39	.3	4.0	1.4	.3														64	64	74	53
38/ 37	.4	5.9	2.3	.1														81	81	66	41
36/ 35	1.3	6.0	2.7															93	93	91	92
34/ 33	1.6	6.7	2.0															96	96	116	73
32/ 31	2.2	10.3	2.2	.1	.3													140	140	130	102
30/ 29	1.3	3.3	1.0	.1	.1													54	54	115	97
28/ 27	2.2	2.8	.6	.2														54	54	54	97
26/ 25	1.8	3.0	.1	.1														47	47	58	82
24/ 23	.9	0.5	.1															69	69	51	48
22/ 21	.3	1.8	.1															21	21	53	42
20/ 19	.5	1.1																15	15	29	43
18/ 17	.1	.5																7	7	9	35
16/ 15	.5	.4																9	9	10	31
14/ 13	.2	.2																4	4	5	27
12/ 11	.1																	1	1	1	9
10/ 9																					6
8/ 7																					2
6/ 5																					3
TOTAL	15.2	64.3	18.3	1.7	.5														929		929
																		929		929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6644865	78035	84.0	9.848	929							
Dry Bulb	1095580	31140	33.5	7.469	929		42.1					93
Wet Bulb	992575	29627	31.9	7.172	929		48.6					93
Dew Point	847411	27003	29.1	8.208	929		60.7					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055	HAHN AP/HUNSRUCK GERMANY	8-71	DEC
STATION	STATION NAME	YEARS	MONTH

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

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51			.3															3	3		
50/ 49		.3	.4															7	7	1	
48/ 47		1.0	.4															13	13	8	3
46/ 45	.2	1.8	.4	.1														24	24	15	10
44/ 43	.9	1.3	.8															27	27	29	22
42/ 41	.9	5.5	1.5	.1														72	72	29	24
40/ 39	.5	4.1	1.5															57	57	67	46
38/ 37	1.1	7.0	1.2															86	86	72	56
36/ 35	1.3	4.7	2.8															82	82	75	81
34/ 33	1.7	7.8	2.2															109	109	93	52
32/ 31	1.7	9.1	.8															108	108	127	76
30/ 29	1.3	5.4	.6	.2	.1													71	71	116	100
28/ 27	2.0	3.0	.2	.4														53	53	50	112
26/ 25	2.3	4.6	.1	.2														67	67	66	65
24/ 23	1.2	5.9	.3	.1														70	70	64	75
22/ 21	1.1	1.9	.2															30	30	45	37
20/ 19	.2	2.0																21	21	29	57
18/ 17	1.1	.6																16	16	27	26
16/ 15	.3	.7																11	11	10	30
14/ 13	.1																	1	1	6	18
12/ 11	.2																	2	2	2	17
10/ 9																					12
8/ 7																					5
4/ 3																					1
2/ 1																					1
-2/ -3																					1
TOTAL	17.8	67.1	13.8	1.2	.1													930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	6812030	79098	85.1	9.544	930							
Dry Bulb	1034685	30245	32.5	7.415	930		45.0					93
Wet Bulb	946341	28907	31.1	7.175	930		54.3					93
Dew Point	814541	26423	28.4	7.288	930	.1	63.6					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 8-77 YEARS — DEC MONTH

PAGE 1 — 1000-2000 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49		.5	.1															6	6		
48/ 47	.1	1.5	.2															17	17	6	4
46/ 45	.4	1.5	.4				.1											23	23	22	14
44/ 43	.5	2.3	.4															30	30	27	15
42/ 41	.8	3.1	.5															41	41	33	27
40/ 39	.5	4.9	1.4															65	65	55	34
38/ 37	1.7	5.1	.9															71	71	70	64
36/ 35	1.0	5.3	3.0															92	92	88	63
34/ 33	1.9	8.8	1.4															113	113	108	61
32/ 31	1.9	10.6	1.2															128	128	104	97
30/ 29	2.3	4.2		.1														61	61	130	100
28/ 27	2.5	3.1	.1	.3														56	56	60	109
26/ 25	2.8	2.9	.1	.4	.1													59	59	50	69
24/ 23	1.2	5.7	.1															65	65	50	69
22/ 21	1.4	1.2	.3															27	27	67	25
20/ 19	1.0	2.3	.1															31	31	30	53
18/ 17	.8	2.2																27	27	37	29
16/ 15	.6	.4																10	10	14	23
14/ 13	.4	.3																7	7	5	31
12/ 11	.1																	1	1	1	19
10/ 9																					10
8/ 7																					6
4/ 3																					1
0/ -1																					1
-4/ -5																					1
TOTAL	22.7	65.9	10.3	.9	.1		.1												930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6950247	79937	86.0	9.243	930							
Dry Bulb	1005819	29771	32.0	7.539	930		47.2					93
Wet Bulb	927423	28569	30.7	7.322	930		54.6					93
Dew Point	803257	26205	28.2	6.356	930	.2	65.3					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION | HAHN AB/HUNSRUCK GERMANY STATION NAME | P-77 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51		.2																2	2		
50/ 49	.1		.1															2	2	3	1
48/ 47		1.1	.3				.1											14	14	3	2
46/ 45	.2	2.4	.8	.1			.1											33	33	19	10
44/ 43	.4	1.8	.5	.1		.1												28	28	29	20
42/ 41	.4	2.6	.6	.1														35	35	25	24
40/ 39	.8	4.3	.8		.1													55	55	43	29
38/ 37	1.9	4.7	.1															63	63	66	64
36/ 35	1.5	7.5	1.6															100	100	65	56
34/ 33	3.0	6.8	1.1															108	108	116	78
32/ 31	1.4	8.6	.9															101	101	35	70
30/ 29	1.2	6.6																72	72	126	90
28/ 27	3.4	3.4		.3														67	67	74	100
26/ 25	2.4	2.8	.1	.1														50	50	47	52
24/ 23	1.7	5.7	.5	.2														76	76	45	76
22/ 21	1.5	3.0																42	42	63	37
20/ 19	1.0	2.2	.5															34	34	44	48
18/ 17	.9	1.1																18	18	29	30
16/ 15	.3	1.1																13	13	14	24
14/ 13	.5	.9																13	13	20	12
12/ 11	.4																	4	4	4	19
10/ 9																					22
8/ 7																					9
6/ 5																					6
4/ 3																					1
TOTAL	24.0	66.7	8.0	1.0	.1	.1	.2												930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7015005	80281	86.3	9.557	930							
Dry Bulb	975939	29241	31.4	7.802	930		49.0					93
Wet Bulb	901447	28089	30.2	7.558	930		56.1					93
Dew Point	782542	25770	27.7	8.585	930		64.6					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
8-77 — YEARS
DEC — MONTH
ALL — HOURS (L. S. T.)

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53		.0	.1															10	10		
52/ 51		.1	.2															19	19	6	
50/ 49	.1	.5	.2															52	52	24	11
48/ 47	.1	1.0	.4	.0	.0		.0											115	115	64	42
46/ 45	.2	1.8	.6	.1	.0		.0											201	201	126	88
44/ 43	.4	2.1	.7	.1		.0												239	239	197	132
42/ 41	.4	3.7	1.0	.1	.0	.0												385	385	240	180
40/ 39	1.1	4.2	.9	.1	.0													472	472	464	329
38/ 37	1.3	5.4	.3	.0														555	555	532	392
36/ 35	2.0	6.0	1.7	.0														726	726	579	638
34/ 33	2.4	7.5	1.3															840	840	862	525
32/ 31	2.4	9.4	1.2	.1	.0													964	964	827	731
30/ 29	1.8	5.1	.3	.1	.0													547	547	979	764
28/ 27	2.6	2.9	.2	.2														441	441	475	763
26/ 25	2.3	3.1	.1	.1	.0													423	423	423	536
24/ 23	1.7	5.4	.3	.1														560	560	409	556
22/ 21	1.3	2.2	.2															271	271	451	286
20/ 19	1.2	2.0	.2															256	256	305	399
18/ 17	.9	.9	.0															142	142	217	323
16/ 15	.7	.5																91	91	106	247
14/ 13	.5	.6																82	82	98	153
12/ 11	.3	.2																35	35	39	120
10/ 9	.1	.1																10	10	13	99
8/ 7		.0																2	2	1	1
6/ 5		.0																1	1	2	35
4/ 3																					8
2/ 1																					5
0/ -1																					1
-2/ -3																					1
-4/ -5																					1
TOTAL	23.8	64.8	10.3	.5	.1	.0	.0												7439		7439
																		7439		7439	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	56060479	642105	86.3	9.251	7439							
Dry Bulb	8029123	237339	31.9	7.838	7439		382.6					744
Wet Bulb	7407966	227900	30.6	7.568	7439		434.6					744
Dew Point	6444424	209596	28.2	8.513	7439	.3	510.3					744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 STATION — HAHN AB/HUNSRUCK GERMANY STATION NAME — 8-75 YEARS — ALL MONTH

 — ALL HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89											.0	.0		.0	.0	.0		9	9		
88/ 87									.0	.0		.0	.0	.0	.0			20	20		
86/ 85								.0	.0	.0	.0	.0	.0	.0	.0	.0		73	73		
84/ 83							.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		119	119		
82/ 81						.0	.0	.0	.0	.1	.0	.0	.0	.0				172	172		
80/ 79						.0	.0	.1	.1	.1	.0	.0	.0	.0				238	238		
78/ 77					.0	.0	.1	.1	.1	.1	.0	.0	.0					367	367		
76/ 75			.0	.0	.0	.1	.2	.1	.1	.1	.0	.0						516	516		
74/ 73				.0	.1	.1	.2	.1	.1	.0	.0	.0						646	646		
72/ 71			.0	.0	.1	.2	.2	.2	.1	.0	.0							769	769	9	
70/ 69		.0	.0	.1	.4	.3	.3	.2	.1	.0	.0	.0						1176	1176	65	1
68/ 67		.0	.1	.3	.6	.5	.3	.2	.1	.0	.0	.0						1800	1800	228	15
66/ 65	.0	.0	.3	.4	.5	.5	.2	.1	.1	.0	.0							1929	1929	515	91
64/ 63	.0	.1	.6	.7	.6	.5	.3	.1	.1	.0	.0							2507	2507	934	242
62/ 61	.0	.4	.8	.7	.6	.5	.2	.1	.0	.0								2958	2958	1878	537
60/ 59	.1	.6	.9	1.0	.7	.4	.2	.0	.0									3558	3558	2785	936
58/ 57	.1	1.1	1.1	.9	.6	.3	.1	.1	.0									3747	3747	3679	1784
56/ 55	.1	1.3	1.3	1.0	.6	.2	.1	.0	.0									4003	4003	4083	2737
54/ 53	.2	1.2	1.6	1.0	.5	.2	.1	.0										4147	4147	4466	3546
52/ 51	.2	1.1	1.3	.8	.4	.2	.0	.0										3420	3420	4605	3447
50/ 49	.3	2.3	1.8	.8	.4	.2	.0	.0										5124	5124	5108	5351
48/ 47	.2	1.7	1.5	.6	.3	.1	.0	.0										3813	3813	5117	4670
46/ 45	.3	2.2	1.2	.6	.2	.1	.0											4018	4018	4645	5079
44/ 43	.4	2.3	1.2	.5	.2	.0	.0											4018	4018	4742	4755
42/ 41	.3	2.6	1.5	.4	.2	.1	.0											4390	4390	4604	4997
40/ 39	.5	2.5	1.8	.5	.1	.0	.0											4626	4626	4637	4632
38/ 37	.5	3.0	1.2	.3	.1	.0												4396	4396	4927	4893
36/ 35	.6	3.5	1.3	.2	.1	.0												4853	4853	5020	5630
34/ 33	.6	3.1	1.2	.1	.0	.0												4457	4457	5659	4866
32/ 31	.5	3.3	.9	.1	.0													4395	4395	4598	5710
30/ 29	.8	2.2	.3	.1	.0													2908	2908	4917	5022
28/ 27	.9	1.1	.2	.0														2021	2021	2798	4370
26/ 25	.6	1.0	.1	.0	.0													1503	1503	1783	3284
24/ 23	.3	1.3	.1	.0														1461	1461	1379	2960

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34055 — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
8 = 7 — YEARS
ALL — MONTH
PAGE 2
ALL — HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21	.2	.5	.1															655	655	1203	1396	
20/ 19	.2	.4	.0															560	560	713	1490	
18/ 17	.2	.2	.0															328	328	501	1145	
16/ 15	.1	.1																239	239	265	875	
14/ 13	.1	.2																208	208	230	964	
12/ 11	.1	.1																122	122	150	888	
10/ 9	.0	.0																66	66	65	330	
8/ 7	.0	.0																31	31	37	235	
6/ 5	.0	.0																5	5	6	153	
4/ 3																					29	
2/ 1																					6	
0/ -1																					1	
-2/ -3																					1	
-4/ -5																					1	
TOTAL	9.0	39.6	22.3	11.2	7.3	4.7	2.8	1.4	.8	.4	.2	.1	.1	.0	.0	.0		86371	86371	86371	86371	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	528355553	6618477	76.6	15.664	86371		1448.6	611.5	224.0	50.1		8760
Dry Bulb	198648392	3975956	46.0	13.449	86371		1864.8	31.4				8760
Wet Bulb	165509580	3653122	42.3	11.284	86371		2798.8	1.7				8760
Dew Point	138338996	3315768	38.4	11.310	86371	.3						8760

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

MEANS AND STANDARD DEVIATIONS

OBSERVED TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34095 HAHN AB/HUNSRUCK GERMANY

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	32.5	32.0	35.4	40.9	48.1	53.2	57.9	57.7	52.1	45.2	38.0	31.6	43.5
	S D	7.111	7.087	7.911	7.878	6.166	6.301	6.100	5.879	6.026	6.493	7.501	8.023	11.716
	TOTAL OBS	930	846	930	900	846	810	836	930	900	930	900	930	10688
03-05	MEAN	32.2	31.1	34.1	39.1	46.6	52.2	56.1	55.8	50.3	43.6	37.2	31.0	42.4
	S D	7.104	7.099	7.824	7.010	5.778	6.172	5.642	5.092	5.933	6.432	6.981	8.192	11.376
	TOTAL OBS	930	846	930	900	902	876	903	930	900	930	899	930	10376
06-08	MEAN	32.1	31.3	34.6	40.7	50.1	55.7	59.5	58.6	52.1	44.6	37.6	31.2	44.0
	S D	7.496	6.955	7.852	7.382	6.079	6.901	6.549	5.813	6.172	6.533	7.141	8.159	12.553
	TOTAL OBS	929	846	930	900	903	876	902	930	900	930	900	930	10376
09-11	MEAN	32.6	32.8	38.1	45.4	54.6	60.3	64.3	63.8	57.2	48.1	39.1	31.9	47.4
	S D	7.991	7.020	8.533	8.578	7.608	8.082	7.936	7.214	6.993	6.847	7.943	7.795	14.121
	TOTAL OBS	930	844	930	900	903	876	903	930	900	930	899	930	10875
12-14	MEAN	34.8	35.4	41.8	48.8	57.8	63.1	67.7	67.5	60.6	51.4	41.0	33.5	50.2
	S D	7.120	7.199	9.057	9.321	8.231	8.508	8.452	7.726	7.532	7.274	7.923	7.469	14.733
	TOTAL OBS	930	845	930	900	903	876	903	930	899	930	898	929	10972
15-17	MEAN	32.6	34.9	41.3	48.6	57.4	62.6	67.4	66.8	59.6	49.7	38.7	32.5	49.4
	S D	7.679	7.042	8.777	9.344	8.223	8.655	8.405	7.620	7.501	7.082	6.832	7.415	14.754
	TOTAL OBS	929	846	930	900	884	854	881	930	900	930	896	930	10810
18-20	MEAN	33.1	33.5	38.5	45.4	53.7	59.0	64.0	62.7	55.6	47.2	38.7	32.6	46.7
	S D	7.229	6.621	8.023	8.369	7.513	7.915	7.678	6.669	6.645	6.505	6.864	7.539	13.459
	TOTAL OBS	930	846	929	900	845	810	837	930	900	930	899	930	10685
21-23	MEAN	32.6	32.5	36.6	42.5	49.9	55.1	59.9	59.2	53.1	45.7	37.9	31.4	44.5
	S D	7.227	6.696	7.904	7.795	6.446	6.862	6.360	5.583	6.193	6.462	6.732	7.802	12.239
	TOTAL OBS	930	846	930	900	846	810	837	930	900	930	899	930	10688
ALL HOURS	MEAN	32.9	32.9	37.6	43.9	52.3	57.7	62.1	61.5	55.1	47.0	38.6	31.9	46.0
	S D	7.241	7.119	8.684	8.880	8.164	8.458	8.302	7.625	7.527	7.148	7.025	7.838	13.449
	TOTAL OBS	7438	6765	7439	7200	7032	6788	7002	7440	7199	7440	7189	7439	86371

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34056 HAHN AB/HUNSRUCK GERMANY 58-78
STATION STATION NAME YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	31.2	34.3	32.8	37.2	44.2	49.3	54.0	53.8	49.3	43.3	36.6	30.5	40.9
	S D	6.771	6.706	7.040	6.298	5.599	5.452	5.008	4.590	5.523	6.269	6.642	7.783	10.677
	TOTAL OBS	930	846	930	900	846	810	836	930	900	930	900	930	10685
03-05	MEAN	30.7	29.6	31.9	36.0	43.3	48.8	53.0	52.7	48.1	42.3	35.0	30.0	40.2
	S D	6.788	6.778	7.125	6.201	5.506	5.555	4.870	4.597	5.568	6.274	6.853	7.962	10.588
	TOTAL OBS	930	846	930	900	902	876	903	930	900	930	899	930	10876
06-08	MEAN	30.8	29.8	32.3	37.3	45.8	51.3	55.3	54.8	49.6	42.8	36.3	30.1	41.3
	S D	7.091	6.543	7.096	6.258	5.686	5.638	4.948	4.702	5.485	6.248	6.685	7.903	11.276
	TOTAL OBS	929	846	930	900	903	876	902	930	900	930	900	930	10876
09-11	MEAN	31.2	30.8	34.7	39.9	48.1	53.3	57.3	57.1	52.3	45.2	37.4	30.6	43.2
	S D	6.887	6.427	7.152	6.526	5.918	5.800	5.304	4.678	5.486	6.004	6.514	7.478	11.699
	TOTAL OBS	930	844	930	900	903	876	903	930	900	930	899	930	10875
12-14	MEAN	32.6	32.7	36.8	41.7	49.6	54.6	58.6	58.4	53.8	47.2	38.7	31.9	44.7
	S D	6.671	6.337	7.130	6.560	6.006	5.653	5.161	4.534	5.539	6.005	6.354	7.172	11.567
	TOTAL OBS	930	845	930	900	903	876	903	930	899	930	897	929	10872
15-17	MEAN	31.9	32.2	36.3	41.3	49.2	54.0	58.1	57.8	53.1	46.0	37.7	31.1	44.0
	S D	6.707	6.225	6.978	6.446	5.830	5.549	5.028	4.417	5.557	6.032	6.286	7.175	11.552
	TOTAL OBS	929	845	930	900	884	854	881	930	900	930	896	930	10810
18-20	MEAN	31.6	31.4	34.8	39.7	47.5	52.5	57.0	56.2	51.2	44.5	37.0	30.7	42.7
	S D	6.895	6.121	6.866	6.329	5.745	5.428	4.948	4.426	5.538	6.046	6.256	7.322	11.230
	TOTAL OBS	930	846	929	900	845	810	837	930	900	930	899	930	10686
21-23	MEAN	31.2	30.5	33.5	38.0	45.2	50.3	54.9	54.3	49.7	43.5	36.3	30.2	41.3
	S D	6.891	6.241	6.957	6.387	5.531	5.370	4.807	4.393	5.491	6.152	6.372	7.558	10.828
	TOTAL OBS	930	846	930	900	846	810	837	930	900	930	899	930	10688
ALL HOURS	MEAN	31.4	30.9	34.1	38.9	46.6	51.8	56.0	55.6	50.9	44.4	37.0	30.6	42.3
	S D	6.859	6.500	7.243	6.656	6.132	5.918	5.357	4.924	5.838	6.326	6.499	7.568	11.284
	TOTAL OBS	7438	6765	7439	7200	7032	6788	7002	7440	7199	7440	7189	7439	86371

USAFETAC FORM JUL 64 0-89-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34055 — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
8-7e — YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	28.8	27.2	28.6	32.3	40.2	45.8	50.9	50.8	46.8	41.3	34.8	28.2	37.9
	S D	7.416	7.502	7.914	7.320	6.487	6.371	5.677	5.294	5.898	6.864	6.839	8.720	11.130
	TOTAL OBS	930	846	930	900	846	810	836	930	900	930	900	930	10688
03-05	MEAN	28.4	26.8	28.2	31.7	39.7	45.7	50.3	50.1	46.1	40.5	34.4	27.9	37.5
	S D	7.452	7.567	7.991	7.134	6.474	6.401	5.465	5.308	5.891	6.808	6.886	8.814	11.094
	TOTAL OBS	930	846	930	900	902	876	903	930	900	930	899	930	10876
06-08	MEAN	28.4	27.0	28.7	32.9	41.5	47.5	52.1	51.8	47.4	41.0	34.7	27.9	38.4
	S D	7.701	7.200	7.839	6.943	6.318	6.346	5.297	5.114	5.652	6.673	7.024	8.738	11.494
	TOTAL OBS	929	846	930	900	903	876	902	930	900	930	900	930	10876
09-11	MEAN	28.7	27.5	29.7	33.3	42.1	47.7	52.4	52.2	48.4	42.4	35.3	28.1	39.0
	S D	7.575	7.127	7.927	7.311	6.699	6.525	5.601	5.152	5.814	6.526	6.852	8.328	11.519
	TOTAL OBS	930	844	930	900	903	876	903	930	900	930	899	930	10875
12-14	MEAN	29.7	28.5	30.1	33.6	42.4	48.0	52.3	52.1	47.5	43.1	35.9	29.1	39.4
	S D	7.353	7.148	8.349	7.451	6.897	6.393	5.677	5.350	6.062	6.842	6.790	8.208	11.316
	TOTAL OBS	930	845	930	900	903	876	903	930	899	930	897	929	10872
15-17	MEAN	29.1	28.0	29.5	32.8	41.7	47.4	51.7	51.4	47.8	42.2	35.0	28.4	38.7
	S D	7.492	7.092	8.193	7.571	6.736	6.333	5.727	5.437	6.092	6.825	6.657	8.288	11.300
	TOTAL OBS	929	846	930	900	864	854	881	930	900	930	896	930	10810
18-20	MEAN	29.0	27.8	29.4	32.8	41.4	47.1	51.9	51.4	47.5	41.8	34.8	28.2	38.4
	S D	7.696	7.022	8.002	7.415	6.642	6.244	5.594	5.353	6.042	6.793	6.689	8.356	11.288
	TOTAL OBS	930	846	929	900	845	810	837	930	900	930	899	930	10686
21-23	MEAN	28.5	27.1	28.8	32.2	40.4	46.1	51.1	50.5	46.8	41.1	34.3	27.7	37.8
	S D	7.682	7.135	7.914	7.497	6.494	6.211	5.499	5.297	5.930	6.806	6.837	8.585	11.195
	TOTAL OBS	930	846	930	900	846	810	837	930	900	930	899	930	10688
ALL HOURS	MEAN	28.8	27.5	29.1	32.7	41.2	46.9	51.6	51.3	47.4	41.7	34.9	28.2	38.4
	S D	7.554	7.242	8.038	7.351	6.653	6.409	5.605	5.333	5.971	6.809	6.836	8.513	11.310
	TOTAL OBS	7438	6765	7439	7200	7032	6788	7002	7440	7199	7440	7189	7439	86371

USAFETAC FORM JUL 64 0.89-5 (OLA)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34055	HAHN AB/INNSBRUCK GERMANY	76-78	JAN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	98.8	95.8	79.5	0.0	86.3	930
	03-05	100.0	100.0	100.0	100.0	99.8	98.6	96.7	83.4	41.7	86.9	930
	06-08	100.0	100.0	100.0	100.0	99.7	98.7	95.5	79.7	39.3	86.3	929
	09-11	100.0	100.0	100.0	100.0	99.7	98.6	93.5	76.1	36.7	85.5	930
	12-14	100.0	100.0	100.0	100.0	99.6	97.7	88.8	68.6	31.2	83.6	930
	15-17	100.0	100.0	100.0	99.9	99.5	97.8	90.1	70.4	30.5	83.9	929
	18-20	100.0	100.0	100.0	100.0	99.6	98.7	93.0	73.9	34.8	84.9	930
	21-23	100.0	100.0	100.0	100.0	99.9	98.5	93.8	75.3	35.3	85.0	930
TOTALS		100.0	100.0	100.0	100.0	99.7	98.4	93.4	75.9	36.0	85.3	7438

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34155	HAHN AB/HUNSRUCK GERMANY	57-78	FEB
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	99.3	98.8	89.0	66.5	24.3	82.9	846
	03-05	100.0	100.0	100.0	100.0	99.0	98.6	92.6	72.3	31.4	84.5	846
	06-08	100.0	100.0	100.0	100.0	99.0	98.2	92.4	71.5	27.0	84.2	846
	09-11	100.0	100.0	100.0	99.9	98.7	95.6	85.0	61.6	20.9	81.5	844
	12-14	100.0	100.0	100.0	98.3	96.0	89.1	67.1	45.0	17.5	76.8	345
	15-17	100.0	100.0	100.0	98.9	98.0	89.2	68.4	43.7	16.9	76.8	846
	18-20	100.0	100.0	100.0	100.0	98.5		80.3	53.8	18.9	80.1	845
	21-23	100.0	100.0	100.0	100.0	99.1	.	83.0	58.7	20.2	81.0	846
TOTALS		100.0	100.0	100.0	99.7	98.6	95.2	82.2	59.2	22.2	81.0	6765

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34055	HAHN AF/INNSBRUCK GERMANY	66-77	MAR
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.2	96.8	88.7	70.9	44.5	19.6	77.3	930
	03-05	100.0	100.0	100.0	99.8	97.2	92.2	76.3	52.3	25.2	79.7	930
	06-08	100.0	100.0	99.9	99.6	98.3	93.7	75.8	51.4	24.3	79.7	930
	09-11	100.0	100.0	99.7	96.8	91.2	80.6	57.5	36.3	14.8	73.2	930
	12-14	100.0	99.8	97.1	91.4	80.6	61.5	40.0	20.9	8.1	65.7	930
	15-17	100.0	99.9	97.7	91.4	80.3	60.5	36.8	18.9	7.2	64.9	930
	18-20	100.0	100.0	99.7	96.8	90.3	77.5	53.9	28.2	9.6	71.1	929
	21-23	100.0	100.0	99.9	98.7	93.8	84.4	65.3	35.4	14.4	74.6	930
TOTALS		100.0	100.0	99.3	96.7	90.9	79.9	59.6	36.0	15.4	73.3	7438

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34055 | HAHN AB/INNSBRUCK GERMANY | 56-77 | APR
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.7	98.8	90.7	75.2	60.0	36.6	10.4	72.8	900
	03-05	100.0	100.0	99.9	99.4	96.1	83.0	69.2	46.3	13.4	76.0	900
	06-08	100.0	100.0	99.9	99.9	93.3	81.2	64.7	41.9	13.7	74.8	900
	09-11	100.0	100.0	99.2	92.3	75.6	58.1	39.0	20.6	5.4	64.7	900
	12-14	100.0	100.0	97.2	87.1	58.3	42.9	27.0	15.3	2.9	58.4	900
	15-17	100.0	100.0	95.1	75.9	57.9	41.4	27.4	16.7	3.8	57.6	900
	18-20	100.0	100.0	98.6	89.9	72.2	56.3	37.2	22.0	5.2	63.8	900
	21-23	100.0	100.0	99.4	97.3	81.8	67.3	49.6	29.6	7.8	68.9	900
TOTALS		100.0	100.0	98.6	92.2	78.2	63.3	46.8	28.6	7.8	67.1	7200

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34355	HAHN AB/HUNSRUCK GERMANY	73-77	MAY
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	97.4	87.4	65.0	33.0	9.2	74.9	846
	03-05	100.0	100.0	100.0	100.0	99.[illegible]	92.7	71.8	43.6	14.2	77.6	902
	06-08	100.0	100.0	100.0	99.9	95.9	84.5	62.7	27.9	9.0	73.5	903
	09-11	100.0	100.0	99.9	96.8	82.3	56.6	34.2	11.7	4.7	64.1	903
	12-14	100.0	100.0	99.7	88.8	66.9	41.1	21.8	8.4	3.0	58.4	903
	15-17	100.0	100.0	98.8	86.4	63.2	39.3	23.1	8.3	3.1	57.8	884
	18-20	100.0	100.0	100.0	94.4	81.8	58.9	36.3	14.6	5.0	64.7	845
	21-23	100.0	100.0	100.0	99.1	93.8	76.8	55.4	23.3	7.9	70.9	846
TOTALS		100.0	100.0	99.8	95.7	85.1	67.2	46.3	21.4	7.1	67.7	7032

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34059	HAHN AB/HUNSRUCK GERMANY	73-77	JUL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.4	90.2	87.7	72.0	43.9	17.0	77.1	810
	03-05	100.0	100.0	100.0	100.0	97.0	90.1	76.1	52.0	22.6	79.5	875
	06-08	100.0	100.0	100.0	98.9	93.0	83.7	67.4	37.8	13.2	75.2	870
	09-11	100.0	100.0	98.7	93.2	82.6	60.6	39.3	17.5	6.1	65.2	876
	12-14	100.0	100.0	97.9	89.7	72.0	45.1	26.1	12.9	4.7	60.1	870
	15-17	100.0	99.9	97.1	88.2	69.4	46.5	30.8	14.4	5.4	60.5	854
	18-20	100.0	100.0	98.1	93.3	81.0	64.8	46.0	22.0	9.0	67.0	810
	21-23	100.0	100.0	100.0	96.8	92.3	80.0	62.7	33.5	13.8	73.3	810
TOTALS		100.0	100.0	98.9	94.9	85.6	69.8	52.9	29.3	11.5	69.7	6788

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34055 | HAHN AB/FLUGPLATZ GERMANY | 71-77 | JUL
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	99.6	98.0	96.4	91.5	78.4	49.6	12.4	78.6	836
	03-05	100.0	100.0	99.9	99.0	97.9	94.8	85.5	60.2	30.5	82.2	903
	06-08	100.0	100.0	99.6	97.9	96.0	89.2	73.7	44.0	15.8	77.6	902
	09-11	100.0	100.0	98.2	96.2	87.8	66.9	41.4	17.6	7.0	67.0	903
	12-14	100.0	99.3	97.6	91.9	72.1	46.3	24.7	10.0	3.3	60.1	903
	15-17	100.0	99.0	96.9	89.7	70.0	42.8	24.9	10.3	3.9	59.3	881
	18-20	100.0	99.9	97.4	94.9	85.1	65.5	42.5	20.1	8.2	66.9	837
	21-23	100.0	100.0	99.2	97.5	95.6	82.9	64.6	36.2	14.1	74.3	837
TOTALS		100.0	99.8	98.6	95.6	87.6	72.6	54.2	31.0	13.5	70.8	7002

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34155	HOHN AP/MUNSTER GERMANY	-77	AUG
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00- 2	100.0	100.0	100.0	99.9	98.4	88.7	75.3	59.9	31.8	78.8	93[illegible]
	03-05	100.0	100.0	100.0	99.9	99.6	93.[illegible]	[illegible]4	59.4	29.7	82.[illegible]	930
	06-08	100.0	100.0	100.0	99.6	98.1	91.1	76.1	53.7	24.[illegible]	79.1	930
	09-11	100.0	100.0	99.5	98.1	85.[illegible]	65.3	46.6	22.9	8.6	67.8	930
	12-14	100.0	99.9	98.1	89.0	67.0	46.2	28.2	11.9	4.6	60.1	930
	15-17	100.0	100.0	97.1	87.7	68.2	47.0	28.4	13.2	4.6	60.2	930
	18-20	100.0	100.0	99.7	94.6	85.2	67.8	46.5	25.1	8.6	68.5	930
	21-23	100.0	100.0	100.0	98.8	94.1	80.3	65.8	37.3	14.1	74.5	930
TOTALS		100.0	100.0	99.3	95.7	87.1	72.4	56.4	33.7	14.4	71.4	7440

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34.55 HAHN AB/HUNSRUCK GERMANY ~ -77 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	97.8	89.6	61.1	32.2	82.6	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.1	93.7	73.4	32.4	85.6	900
	06-08	100.0	100.0	100.0	100.0	99.7	97.8	92.1	65.7	29.4	84.1	900
	09-11	100.0	100.0	100.0	99.8	95.0	83.3	62.9	31.1	10.2	73.6	900
	12-14	100.0	100.0	100.0	96.8	85.1	64.5	38.6	15.2	4.8	65.8	899
	15-17	100.0	100.0	100.0	97.6	86.1	66.0	40.4	17.3	5.4	66.6	900
	18-20	100.0	100.0	100.0	100.0	97.0	84.9	68.0	34.7	11.9	75.9	900
	21-23	100.0	100.0	100.0	100.0	99.9	94.1	81.9	48.7	18.1	79.7	900
TOTALS		100.0	100.0	100.0	99.3	95.4	85.9	70.9	43.4	16.8	76.6	7199

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

3

RELATIVE HUMIDITY

34 55	[illegible] AB/[illegible]BRUCK GERMANY	-77	OCT
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%		
OCT	00-02	100.0	100.0	100.0	100.0	99.[illegible]	98.7	93.0	76.3	41.[illegible]	86.[illegible]	930
	03-05	100.0	100.0	100.0	100.0	99.[illegible]	99.0	96.1	84.1	51.0	88.6	930
	06-08	100.0	100.0	100.0	100.0	99.[illegible]	98.8	95.6	80.8	44.9	87.6	930
	09-11	100.0	100.0	100.0	99.5	97.[illegible]	93.3	83.4	56.5	30.3	81.[illegible]	930
	12-14	100.0	100.0	100.0	99.5	98.[illegible]	82.8	63.5	37.3	17.7	74.7	930
	15-17	100.0	100.0	100.0	98.9	95.2	86.1	71.1	42.5	19.5	76.7	930
	18-20	100.0	100.0	100.0	99.8	98.9	94.7	86.1	59.0	27.7	82.0	930
	21-23	100.0	100.0	100.0	100.0	99.[illegible]	97.5	89.4	67.3	32.8	84.4	930
TOTALS		100.0	100.0	100.0	99.5	98.1	93.9	84.8	63.0	33.3	82.7	7440

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34055	HAHN AB/INNSBRUCK GERMANY	[illegible]-77	NOV
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	99.6	96.7	84.6	50.0	88.4	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	97.6	89.0	58.3	89.9	899
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	96.3	86.7	52.1	89.2	900
	09-11	100.0	100.0	100.0	100.0	99.9	99.2	93.9	78.4	36.8	86.5	899
	12-14	100.0	100.0	100.0	100.0	99.8	96.7	82.6	62.2	28.2	82.8	897
	15-17	100.0	100.0	100.0	100.0	99.9	98.5	88.1	66.4	29.1	83.7	896
	18-20	100.0	100.0	100.0	100.0	99.9	99.6	94.9	74.9	36.4	85.8	899
	21-23	100.0	100.0	100.0	100.0	100.0	99.7	95.6	80.5	43.5	87.2	899
TOTALS		100.0	100.0	100.0	100.0	99.9	99.1	93.2	78.1	41.8	86.7	7189

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34355 — STATION
HAHN AB/HUNSRUCK GERMANY — STATION NAME
--77 — PERIOD
DEC — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.6	98.3	98.0	97.0	85.2	43.9	87.4	930
	03-05	100.0	100.0	100.0	100.0	99.3	98.2	97.7	87.2	48.9	88.3	930
	06-08	100.0	100.0	100.0	100.0	99.6	98.9	97.3	84.5	44.5	87.6	930
	09-11	100.0	100.0	100.0	99.9	99.4	98.8	94.7	77.2	38.0	85.8	930
	12-14	100.0	100.0	100.0	99.6	99.3	97.4	90.7	69.9	31.9	84.0	929
	15-17	100.0	100.0	100.0	99.6	99.1	98.2	93.8	74.0	36.1	85.1	930
	18-20	100.0	100.0	99.9	99.6	98.9	98.4	96.2	79.2	37.0	86.0	930
	21-23	100.0	100.0	99.8	99.5	98.4	97.6	96.9	80.6	39.8	86.3	930
TOTALS		100.0	100.0	100.0	99.7	99.1	98.2	95.5	79.7	40.0	86.3	7439

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34055	HAHN AB/HUNSRUCK GERMANY	55-78	ALL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.7	98.4	93.4	75.9	36.0	85.3	7438
FEB		100.0	100.0	100.0	99.7	98.4	95.2	82.2	59.2	22.4	81.0	6765
MAR		100.0	100.0	99.8	98.7	90.9	79.9	59.6	36.0	15.4	73.3	7439
APR		100.0	100.0	98.6	92.2	78.7	63.3	46.3	25.6	7.8	67.1	7200
MAY		100.0	100.0	99.8	95.7	85.1	67.2	46.3	21.4	7.1	67.7	7032
JUN		100.0	100.0	98.9	94.9	85.6	69.8	52.9	29.3	11.5	69.7	6788
JUL		100.0	99.8	98.6	95.6	87.6	72.6	54.2	31.0	13.5	70.8	7002
AUG		100.0	100.0	99.3	95.7	87.1	72.4	56.4	33.7	14.4	71.4	7440
SEP		100.0	100.0	100.0	99.3	95.4	85.9	70.9	43.4	16.8	76.6	7199
OCT		100.0	100.0	100.0	99.6	98.1	93.9	84.8	63.0	33.3	82.7	7440
NOV		100.0	100.0	100.0	100.0	99.9	99.1	93.2	78.1	41.8	86.7	7189
DEC		100.0	100.0	100.0	99.7	99.1	98.2	95.5	79.7	40.0	86.3	7439
TOTALS		100.0	100.0	99.5	97.4	92.1	83.0	69.7	48.3	21.7	76.6	86371

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

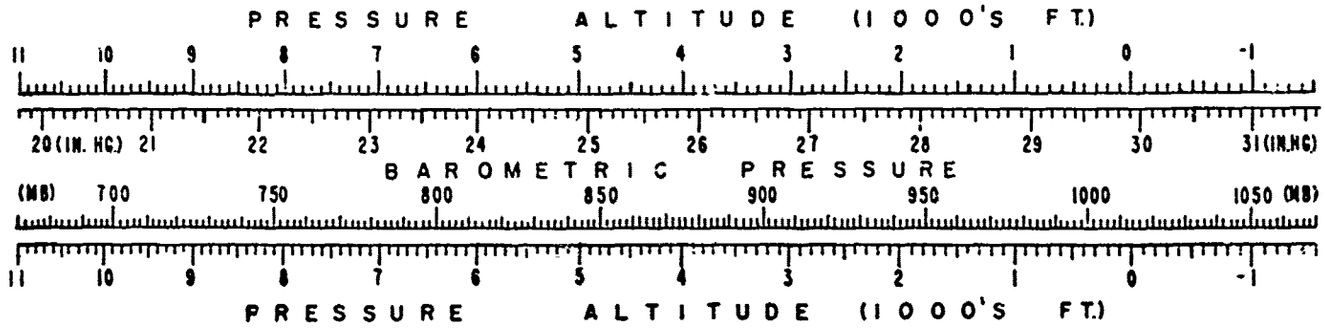
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided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

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

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

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



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74-29967

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

34055 (STATION) HANN AB/HUNSRUCK GERMANY (STATION NAME) 68-78 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	28.198	28.150	28.215	28.196	28.224	28.282	28.324	28.298	28.318	28.329	28.196	28.293	28.251
	S D	.304	.319	.257	.220	.170	.149	.145	.144	.199	.253	.289	.314	.247
	TOTAL OBS	310	282	310	300	282	270	279	310	300	310	300	310	3563
03	MEAN	28.193	28.137	28.200	28.183	28.212	28.274	28.307	28.286	28.306	28.326	28.188	28.288	28.240
	S D	.304	.319	.257	.219	.178	.149	.148	.147	.200	.256	.289	.314	.247
	TOTAL OBS	310	282	310	300	301	292	301	310	300	310	300	310	3626
06	MEAN	28.167	28.137	28.202	28.190	28.222	28.282	28.314	28.292	28.310	28.308	28.182	28.283	28.243
	S D	.304	.319	.261	.222	.179	.153	.152	.148	.203	.261	.288	.317	.249
	TOTAL OBS	310	282	310	300	301	292	301	310	300	310	300	310	3626
09	MEAN	28.204	28.157	28.216	28.201	28.232	28.293	28.325	28.307	28.328	28.328	28.200	28.302	28.259
	S D	.305	.321	.264	.225	.180	.156	.154	.149	.204	.262	.289	.317	.250
	TOTAL OBS	310	282	310	300	301	292	301	310	300	310	300	310	3626
12	MEAN	28.195	28.156	28.213	28.191	28.226	28.287	28.318	28.301	28.321	28.322	28.190	28.293	28.252
	S D	.306	.321	.265	.221	.178	.153	.153	.147	.203	.260	.288	.316	.249
	TOTAL OBS	310	282	310	300	301	292	301	310	300	310	298	310	3624
15	MEAN	28.186	28.143	28.192	28.174	28.214	28.274	28.304	28.287	28.305	28.310	28.181	28.287	28.239
	S D	.306	.317	.258	.218	.174	.150	.150	.143	.200	.254	.286	.312	.246
	TOTAL OBS	310	282	310	300	301	292	301	310	300	310	299	310	3625
18	MEAN	28.195	28.155	28.201	28.179	28.212	28.268	28.302	28.284	28.308	28.323	28.191	28.298	28.243
	S D	.304	.318	.256	.215	.168	.148	.145	.141	.197	.251	.291	.309	.245
	TOTAL OBS	310	282	310	300	282	270	279	310	300	310	299	310	3562
21	MEAN	28.200	28.162	28.211	28.198	28.231	28.288	28.320	28.302	28.322	28.328	28.198	28.306	28.256
	S D	.303	.322	.256	.219	.166	.148	.143	.145	.198	.253	.294	.309	.247
	TOTAL OBS	310	282	310	300	282	270	279	310	300	310	299	310	3562
ALL HOURS	MEAN	28.195	28.150	28.206	28.189	28.222	28.281	28.314	28.295	28.315	28.318	28.191	28.294	28.248
	S D	.304	.319	.259	.220	.174	.151	.149	.146	.201	.256	.289	.313	.248
	TOTAL OBS	2480	2256	2480	2400	2351	2270	2342	2480	2400	2480	2395	2480	28814

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