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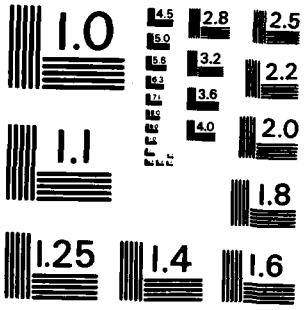

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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

HAHN AB DL MSC# 106160
N 49 57 E 007 16 FLD ELEV 1650 FT EDAH

PARTS A-F
POR: FROM HOURLY OBS JAN 73 - DEC 81

POR: FROM DAILY OBS JUL 53 - DEC 81

TIME CONVERSION GMT TO LST: +1

AUG 0 9 1982

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Wayne E. McCollom

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23 AUG 1982

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1. REPORT NUMBER: USAFETAC/DS- 82/049
2. GOVT ACCESSION NO.
3. RECIPIENT'S CATALOG NUMBER

4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- HAHN AB, WEST GERMANY
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statisitical summary of surface weather observations for HAHN AB, WEST 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)

DD FORM 1 JAN 73 1473

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

WEST GERMANY HAHN AB, WEST GERMANY

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 occurance or cumulative percentage frequency of occuring tables.

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

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

[illegible] are [illegible] from [illegible] records or Record-Special. Observations recorded [illegible] [illegible].

DAILY OBSERVATIONS

[illegible] are [illegible] from all data recorded on reporting forms and combined into [illegible] of the [illegible] Record-Special [illegible], summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

[illegible] each section is a brief description of the data comprising each part of the revised uniform summary of surface weather observations. [illegible] of precipitation. Summaries are prepared from hourly and daily observations [illegible] [illegible] forms [illegible] standard [illegible] reporting practices.

[illegible] of these notes 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 three-hour periods corresponding to the following [illegible] of hourly observations: [illegible], 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
106160	HAHN AB GERMANY/HUNSRUCK	N 49 57	E 007 16	1650	EDAH	10616

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Hahn AB Germany	AB	Aug 53	Feb 56	N 49 57	E 007 15	1659 ft	1615	24
2	Same	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
6	Same	Same	Mar 78	May 82	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	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 (wnd panel)	Surface	
3	Mar 56	Located 35 ft N of rnwy obs site.	Same	Same	13 ft	
4	Mar 59	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	

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CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
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 fron centerline of Rnwy R22, 500 ft SE of centerline	Same		Same	
11	Feb 78	1. Same	Same	Same	Same	
		2. Same	Same		Same	
12	May 82	1. Same	Same	Same	Same	
		2. Same	Same		Same	

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
10160	HAHN AB DL	73-81	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		15.1	1.6	14.6		29.5	36.5	6.9			43.4	836
	03-05		16.8	1.0	16.6		32.7	38.4	5.6			44.0	837
	06-08		17.3	1.4	17.3		33.1	39.3	4.8			44.1	837
	09-11		15.5	1.4	16.5		32.1	37.0	6.2			43.2	837
	12-14		13.9	1.3	15.8		29.2	31.5	10.0	.1		41.7	837
	15-17	.1	14.4	1.3	15.6		29.7	29.0	11.0			40.0	835
	18-20		12.4	1.6	14.9		27.7	30.0	9.6			39.5	837
	21-23		15.1	1.4	12.5		28.0	31.8	7.5			39.3	837
TOTALS		.0	15.1	1.4	15.5		30.3	34.2	7.7	.0		41.9	6693

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WEATHER CONDITIONS

1 616C — STATION
HAHN AB DL — STATION NAME
73-81 — 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
FEB	00-02		11.0	1.6	10.8		23.2	33.1	14.0			47.1	762
	03-05		11.5	1.6	13.3		25.6	37.3	13.1			50.4	762
	06-08		11.7	.5	13.4		23.9	40.4	10.2			50.7	762
	09-11		11.8	.9	15.4		27.2	31.6	16.3			47.9	762
	12-14		10.6	1.0	14.6		24.7	22.2	18.8			40.9	762
	15-17		11.3	1.2	13.1		23.6	20.6	18.9			39.5	762
	18-20	.1	13.5	1.3	10.4		24.0	23.6	21.3			44.9	762
	21-23		11.8	1.2	12.3		23.9	25.2	17.7			42.9	762
TOTALS		.0	11.7	1.2	12.9		24.5	29.3	16.3			45.5	6096

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
1 6160	HAHN AB DL	73-81	MAR

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		18.2	.2	6.7		23.7	18.4	12.3			30.7	837
	03-05		16.8		7.9		23.4	22.2	12.7			34.9	837
	06-08		15.3		8.7		22.6	31.2	11.4			42.6	836
	09-11		15.5		11.5		26.4	22.1	13.1			35.2	837
	12-14		14.8	.1	7.8	.2	21.9	12.8	14.2			27.0	837
	15-17		18.0		7.4		24.9	8.4	15.1			23.4	837
	18-20	.1	19.6		5.3	.1	23.9	10.5	14.8			25.3	837
	21-23		17.1		6.1	.1	22.1	14.5	13.0			27.5	837
TOTALS		.0	16.9	.0	7.7	.1	23.6	17.5	13.3			30.8	6695

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
106160	HAHN AB DL	73-81	APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		12.9		4.6		15.9	15.5	10.1			25.6	809
	03-05		13.6		7.5		19.1	23.6	11.1			34.7	810
	06-08	.1	10.4		8.4		18.1	32.0	13.0			44.9	810
	09-11		9.5		8.1		17.2	15.2	18.0			33.2	810
	12-14	.2	10.4		6.4		15.9	7.0	13.1			20.1	810
	15-17	.4	14.0	.1	7.0	.1	19.9	4.6	9.3			13.8	810
	18-20		12.1	.2	4.0		15.8	5.6	9.3			14.8	809
	21-23		13.3		4.7		16.7	7.0	12.7			19.8	810
TOTALS		.1	12.0	.0	6.3	.0	17.3	13.8	12.1			25.9	6478

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
10160	HAHN AB DL	73-81	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02	.6	11.9		.5		12.3	10.6	8.1			18.8	837
	03-05	.2	13.0		.5		13.1	20.4	9.1			29.5	837
	06-08	.4	13.0		1.6		14.1	21.6	9.6			31.2	837
	09-11		12.1		1.6		13.5	10.3	10.6			20.9	837
	12-14	.7	12.9		1.3		14.1	4.3	7.3			11.6	837
	15-17	1.0	10.4		1.0	.2	11.5	2.6	6.5			9.1	837
	18-20	1.6	11.9		.1		12.1	3.0	4.7			7.6	837
	21-23	1.1	11.1		.6		11.7	6.0	7.6			13.6	837
TOTALS		.7	12.0		.9	.0	12.8	9.9	7.9			17.8	6696

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
1[illegible]16C	HAHN AB DL	73-81	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	.7	11.7				11.7	10.1	10.9			21.0	809
	03-05	.9	9.8				9.8	25.3	9.9			35.2	810
	06-08	.6	13.7			.1	13.8	23.6	8.9			32.5	810
	09-11	.7	11.9		.1		11.9	12.1	9.0			21.1	809
	12-14	1.6	11.4			.1	11.5	4.8	8.6			13.5	810
	15-17	2.2	12.1				12.1	4.1	7.5			11.6	810
	18-20	3.1	11.6				11.6	3.2	6.9			10.1	808
	21-23	2.1	13.2				13.2	5.9	11.6			17.5	810
TOTALS		1.5	11.9		.0	.0	12.0	11.1	9.2			20.3	6476

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	1.0	10.8				10.6	12.6	8.7			21.3	835
	03-05	.7	11.6				11.6	23.7	9.6			33.2	837
	06-08	.4	12.2				12.2	27.4	11.1			38.5	837
	09-11	.1	11.5				11.5	12.1	11.6			23.7	837
	12-14	.4	9.4				9.4	5.5	7.6			13.1	837
	15-17	1.7	11.6			.1	11.7	2.9	5.5			8.4	837
	18-20	1.3	12.1				12.1	4.2	6.1			10.3	837
	21-23	1.7	11.8				11.8	8.2	7.3			15.5	837
TOTALS		.9	11.4			.0	11.4	12.1	8.4			20.5	6694

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
1[illegible]16	HAHN AB DL	73-81	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	.6	9.0				9.0	15.5	13.7			29.3	837
	03-05	.2	7.2				7.2	29.5	12.9			42.4	837
	06-08	.2	8.5				8.5	35.4	10.6			46.0	837
	09-11	.4	8.5				8.5	17.4	16.6			34.1	837
	12-14	.6	9.0				9.0	6.2	12.6			19.0	837
	15-17	1.6	9.2				9.2	3.6	10.6			14.2	837
	18-20	1.2	7.4				7.4	4.8	11.1			15.9	837
	21-23	1.4	9.2				9.2	6.7	13.9			22.6	837
TOTALS		.8	8.5				8.5	15.1	12.8			27.9	6696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
10516	HAHN AB DL	73-61	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.6	10.2				10.2	25.1	13.2			38.3	810
	03-05	.2	8.6				8.6	37.2	9.4			46.5	810
	06-08	.2	9.3		.1		9.3	45.7	6.4			52.1	810
	09-11	.4	9.6				9.6	24.9	13.3			38.3	810
	12-14	.1	9.5				9.5	8.3	15.9			24.2	810
	15-17	.2	10.7				10.7	4.6	11.7			16.3	810
	18-20	.2	8.3				8.3	8.5	15.1			23.6	810
	21-23	.1	10.6		.1		10.6	16.0	13.5			29.5	810
TOTALS		.3	9.6		.0		9.6	21.3	12.3			33.6	6480

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
1 6160	HAHN AB DL	73-81	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02	.1	15.5		.7		15.9	43.4	6.1			49.5	837
	03-05		15.1		.6		15.5	50.9	3.3			54.2	837
	06-08		17.6		1.3		18.6	52.0	3.5			55.4	837
	09-11		15.7		.8		16.1	45.5	7.3			52.8	837
	12-14	.1	15.2			.1	15.3	24.7	13.9			38.6	837
	15-17	.1	16.5		.4		16.7	16.5	15.4			31.9	837
	18-20		14.3		.4		14.3	26.5	13.1			39.7	837
	21-23	.2	12.7		.7		13.2	34.9	9.7			44.6	836
TOTALS		.1	15.3		.6	.0	15.7	36.8	9.0			45.8	6695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		17.9		6.9		24.6	34.4	4.6			39.0	810
	03-05		17.5	.1	7.9		24.3	38.9	2.8			41.7	810
	06-08		18.5	.6	7.9		25.6	41.7	2.1			43.8	810
	09-11		17.4	.5	10.0		26.2	34.8	4.9	.1		39.9	810
	12-14		15.2	.2	9.0		23.3	24.7	8.5	.1		33.3	810
	15-17		16.4	.2	8.0	.1	23.3	20.2	11.0	.1		31.4	810
	18-20		18.5	.1	7.3		24.6	26.3	8.4	.1		34.8	810
	21-23		18.3	.4	6.3		24.1	30.0	5.7			35.7	810
TOTALS			17.5	.3	7.9	.0	24.5	31.4	6.0	.1		37.5	6480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
10/160	HAHN AB DL	73-81	DEC

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		17.3	.8	14.3		30.3	35.7	2.5			38.2	837
	03-05		20.1	1.0	14.3		33.9	35.7	2.7	.1		38.6	837
	06-08		18.9	1.8	16.5		35.4	35.2	2.2			37.4	837
	09-11		17.0	.8	15.3	.1	32.0	35.8	2.9			38.7	837
	12-14	.1	16.8	1.0	16.4		33.7	29.3	6.0			35.2	837
	15-17		18.3	1.1	13.5		31.4	29.0	7.6	.2		36.9	837
	18-20		16.2	1.3	11.8		28.6	32.7	6.2			38.9	837
	21-23		17.1	1.6	11.9		29.5	33.6	3.7			37.3	837
TOTALS		.0	17.7	1.2	14.3	.0	31.9	33.4	4.2	.0		37.7	6696

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

160	HAHN AB DL	73-81	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	15.1	1.4	15.5		30.3	34.2	7.7	.0		41.9	6693
FEB		.0	11.7	1.2	12.9		24.5	29.3	16.3			45.5	6796
MAR		.0	16.9	.0	7.7	.1	23.6	17.5	13.3			30.8	6695
APR		.1	12.0	.0	6.3	.0	17.3	13.8	12.1			25.9	6478
MAY		.7	12.0		.9	.0	12.8	9.9	7.9			17.8	6696
JUN		1.5	11.9		.0	.0	12.0	11.1	9.2			20.3	6476
JUL		.9	11.4			.0	11.4	12.1	8.4			20.5	6694
AUG		.8	8.5				8.5	15.1	12.6			27.9	6696
SEP		.3	9.6		.0		9.6	21.3	12.3			33.6	6480
OCT		.1	15.3		.6	.0	15.7	36.8	9.0			45.3	6695
NOV			17.5	.3	7.9	.0	24.5	31.4	6.0	.1		37.5	6480
DEC		.0	17.7	1.2	14.3	.0	31.9	33.4	4.2	.0		37.7	6696
TOTALS		.4	13.3	.3	5.5	.0	18.5	22.2	9.9	.0		32.1	78875

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
1 6163	HAHN AB DL	53-81	ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	1.0	51.5	11.7	52.7	.8	77.6	84.4	49.3	1.3		92.8	866
FEB		.9	47.1	7.1	45.0	.8	70.5	77.2	58.4	.6		90.1	789
MAR		1.3	51.5	1.5	31.7	1.8	66.8	[illegible]	64.4	.3		85.8	868
APR		3.6	56.7	.2	22.5	3.1	63.3	58.1	56.3			74.8	840
MAY		12.6	62.7	.1	3.6	3.2	63.7	51.5	51.7			69.0	842
JUN		16.2	60.7		.2	1.5	60.7	54.9	53.6			69.1	810
JUL		15.1	57.4			1.7	57.4	55.6	56.3			74.6	846
AUG		12.4	56.9			.9	56.9	61.6	51.8			72.8	898
SEP		4.2	52.2		.7	.4	52.2	69.8	58.9			81.3	855
OCT		1.9	54.2		3.6	.9	54.3	82.1	60.5			89.8	898
NOV		.7	63.2	3.8	25.5	1.0	71.6	85.8	49.1	.8		90.4	862
DEC		.4	54.8	10.0	43.1	.7	74.1	87.4	40.2	1.2		92.2	897
TOTALS		5.9	55.7	2.9	19.0	1.4	64.1	69.6	54.2	.3		81.9	10271

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 stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

1.6160 — STATION
HAHN AB DL — STATION NAME
53-81 — 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	22.1	2[illegible].6	6.6	16.0	12.2	15.2	4.7	2.5						57.3	829	2.36	3.93	.92
FEB	29.3	17.7	4.7	11.8	11.3	14.7	7.7	2.2	.1					52.6	763	2.32	5.28	.14
MAR	32.7	19.4	5.3	15.1	7.9	12.9	4.7	1.8	.1					47.9	866	1.97	4.11	.34
APR	37.2	18.1	4.8	11.5	8.3	13.9	5.0	1.1	.2					44.7	836	1.81	3.39	.23
MAY	36.7	16.5	5.1	12.1	6.9	12.2	6.3	4.1	.1					46.9	851	2.73	6.28	.43
JUN	38.3	19.1	4.1	8.0	7.4	11.0	6.9	4.6	.5					42.6	779	2.78	5.13	.11
JUL	42.6	13.4	4.3	8.3	7.1	12.0	7.8	3.7	.9					44.0	793	3.03	9.07	.88
AUG	42.5	14.5	3.5	9.6	6.4	10.9	8.2	3.2	1.1	.1				43.0	833	3.15	7.68	.34
SEP	47.7	15.7	3.8	8.6	6.7	10.3	5.0	1.9	.4					36.6	795	1.88	4.63	.03
OCT	45.9	11.9	5.3	11.1	7.7	9.8	5.1	2.7	.5					42.2	865	2.12	4.98	.14
NOV	28.0	19.1	4.9	14.8	9.3	13.2	7.9	2.3	.6					52.9	839	2.55	5.58	.12
DEC	24.9	21.5	4.7	13.4	9.9	14.7	7.8	3.0	.2					53.7	859	2.81	6.04	.27
ANNUAL	35.7	17.3	4.8	11.7	8.4	12.6	6.4	2.8	.4	.0				47.0	9908	29.51		

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

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

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

1 [illegible]16[illegible] HAHN AB DL 53-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						*	.27	.45	.46	.20	.05	.23	
54	1.00	.44	.77	.42	.70	.48	.55	.76	.52	.55	.45	.67	1.00
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	.58	.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	.63	.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	.59	.49	.67	.15	.51	.66	1.10
63	.24	.21	.79	.25	.40	2.35	2.40	.42	.55	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	.62	.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	.57	.13	.94	.32	.90	.96	.39	.45	.25	.89	.96
79	.33	.37	.51	.45	.97	.57	.66	2.84	.59	.34	.66	1.48	2.84
80	.31	.38	.27	.51	.89	.56	2.10	.52	.22	.45	.54*	.44	2.10
81	.91	.47	.46	1.44	.34	.97	.27*	1.08	.81	1.06	.51	.83	1.44
MEAN	.539	.493	.520	.489	.664	.816	.902	.848	.555	.650	.665	.631	1.434
S. D.	.248	.238	.292	.299	.248	.489	.536	.590	.279	.411	.506	.358	.551
TOTAL OBS	829	763	866	836	851	779	793	833	795	865	839	859	9908

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL.1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

~~EXTREME VALUES~~
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

1 6160 HAHN AB DL 53-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53							* .89	1.18	1.04	.68	.12	1.07	
54	3.16	1.07	1.97	1.39	2.05	1.15	3.04	4.21	3.31	2.60	1.61	3.66	29.22
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	2.80	2.64	4.63	1.04	1.48	2.25	28.78
58	3.93	3.98	.65	1.16	6.28	2.17	2.27	5.16	1.34	2.13	1.56	2.61	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	1.65	2.79	22.71
63	1.14	1.13	2.65	1.11	2.05	4.78	2.69	4.23	1.51	2.47	5.58	.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	*28.11
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	2.68	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	1.67	1.05	.82	.93	5.02	5.13	1.36	3.14	.79	1.43	5.34	.87	27.55
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	3.40	3.67	30.17
75	1.90	.80	2.70	3.39	2.13	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	3.34	3.07	.90	2.19	5.09	2.91	35.85
78	1.94	2.65	3.72	.87	5.05	2.38	3.62	2.19	2.51	.95	.79	3.46	30.13
79	1.78	2.02	4.11	2.92	2.92	1.40	2.11	5.18	1.32	1.01	2.95	5.47	33.19
80	1.37	1.67	1.35	1.27	1.88	5.03	9.07	2.87	1.35	2.21	2.09*	2.77	*32.93
81	3.13	1.19	1.92	2.02	2.01	4.13	1.62*	2.71	2.46	4.79	2.26	6.04	*34.28
MEAN	2.358	2.317	1.975	1.813	2.730	2.776	3.031	3.149	1.884	2.120	2.551	2.808	28.586
S.D.	.920	1.361	.924	.841	1.306	1.355	1.548	1.821	1.075	1.302	1.397	1.704	4.005
TOTAL OBS	829	763	866	836	851	779	793	833	795	865	839	859	9908

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
1 USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
1[illegible]6160	HAHN AB DL	53-81

	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	46.4	22.6	13.7	10.6	4.6	1.5	.6	.5	.1					30.9	866	9.4	23.2	.2
FEB	55.2	16.2	11.0	10.4	4.1	1.1	1.1	.9						28.6	790	9.0	33.4	TRACE
MAR	67.7	15.6	7.7	5.8	2.1	.6	.2		.3					16.7	867	4.9	19.2	.0
APR	76.8	14.0	3.9	3.8	.7	.5			.1	.1				9.2	838	2.7	15.3	.0
MAY	96.1	2.9	.8	.2										1.0	858	.1	2.1	.0
JUN	99.8	.2													810	TRACE	TRACE	.0
JUL	100.0														846	.0	.0	.0
AUG	100.0														898	.0	.0	.0
SEP	99.3	.7													856	TRACE	TRACE	.0
OCT	96.6	2.7	.3	.2	.1			.1						.8	899	.4	6.4	.0
NOV	74.8	13.9	4.9	3.8	1.7	.3	.2	.2						11.3	869	3.2	13.5	.0
DEC	55.9	20.0	1[illegible].0	7.7	3.9	1.1	.9	.3	.2					24.2	896	7.8	35.8	TRACE
ANNUAL	80.7	9.1	4.3	3.5	1.4	.4	.2	.2	.1	.0				10.2	10293	37.5		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

1 E16C HAHN AB DL 53-81

STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						*	.0	.0	.0	.0	.0	1.9	
54	1.6	1.5	.6	.3	TRACE	.0	.0	.0	TRACE	TRACE	TRACE	2.7	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	1.2	6.4
57	3.4	1.5	.0	.6	.8	.0	.0	.0	.0	.0	.8	1.0	3.4
58	3.3	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	6.0	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	TRACE	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	.9	.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	TRACE	.1	2.0	TRACE	3.3
73	.4	6.4	1.9	3.0	TRACE	.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	2.3	.3	.0	.0	.0	.0	TRACE	TRACE	1.0	3.7	5.0
79	3.5	1.8	1.[illegible]	1.0	1.3	.0	.0	.0	.0	.0	1.5	4.0	4.0
80	* 3.2	.3	.5	1.0	.0	.0	.0	.0	.0	TRACE	3.7*	3.8	* 3.8
81	5.3	1.7	.9	12.2	TRACE	.0	.0*	.0	.0	TRACE	2.9	6.7	12.2
MEAN	2.76	2.47	2.00	1.51	.09	TRACE	.00	.00	TRACE	.30	1.47	2.66	4.91
S D	1.851	2.065	2.172	2.709	.292	.000	.000	.000	.000	1.231	1.624	2.112	1.896
TOTAL OBS	866	790	867	838	858	810	846	898	856	899	869	896	10293

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

(16) HAHN AB DL — 53-81
STATION — STATION NAME — YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						*	.0	.0	.0	.0	.0	5.7	
54	6.2	1.5	1.0	.4	TRACE	.0	.0	.0	TRACE	TRACE	TRACE	4.6	13.7
55	9.5	24.1	16.2	TRACE	.1	.0	.0	.0	.0	TRACE	.4	2.7	53.0
56	5.0	9.2	.6	3.8	TRACE	.0	.0	.0	.0	6.4	2.7	5.0	32.7
57	8.9	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	.6	.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	TRACE	TRACE	.0*	13.7	* 31.8
65	16.6	18.3	5.4	1.0	.0	.0	.0	.0	.0	.0	8.1	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	9.8	.3	20.1
72	7.9	.3	2.8	TRACE	TRACE	.0	.0	.0	TRACE	.1	4.6	TRACE	15.7
73	1.8	28.6	2.4	8.2	TRACE	.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	24.6
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	7.5	.5	.0	.0	.0	.0	TRACE	TRACE	1.5	6.5	48.0
79	19.8	4.5	3.7	2.1	2.1	.0	.0	.0	.0	.0	1.5	8.6	42.3
80	* 8.0	.6	.6	3.2	.0	.0	.0	.0	.0	TRACE	5.5*	14.0	* 31.9
81	19.9	4.7	1.0	12.6	TRACE	.0	.0*	.0	.0	TRACE	5.1	35.8	* 79.1
MEAN	9.42	8.97	4.94	2.71	.13	TRACE	.00	.00	TRACE	.37	3.18	7.78	34.49
S. D.	6.605	9.858	5.518	3.932	.447	.000	.000	.000	.000	1.377	3.822	7.795	15.789
TOTAL OBS.	866	790	867	838	858	810	846	898	856	899	869	896	10293

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

106160 — STATION
HAHN AB DL — STATION NAME
53-81 — 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	57.1	12.2	4.8	5.1	7.6	14.3	5.2	.7						37.7	827			
FEB	54.5	13.8	7.8	5.6	1.8	7.9	6.8	1.6						31.6	730			
MAR	78.1	9.4	3.6	2.6	1.7	2.2	1.1	1.2						12.5	806			
APR	95.9	3.2	.2	.1		.4	.1							.9	810			
MAY	99.9	.1													858			
JUN	100.0														832			
JUL	100.0														868			
AUG	100.0														898			
SEP	100.0														856			
OCT	99.4	.2	.3											.3	899			
NOV	89.5	4.9	1.9	1.9	1.0	.6	.2							5.6	835			
DEC	67.4	12.3	7.4	5.3	3.9	7.7	2.9	.1						27.3	836			
ANNUAL	85.6	4.7	2.2	1.7	1.3	2.8	1.4	.3						9.7	10055			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

1 [illegible]16. HAHN AB DL 53-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						*	0	0	0	0	0	2	
54	7	1	1	0	0	0	0	0	0	0	0	1	7
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	5	6	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	* [illegible]				0	0	0	0	0	0	0		
65	[illegible]			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
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	12
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	2	TRACE	0	0	0	0	0	0	1	2	9
79	14	8	TRACE	0	0	0	0	0	0	0	0	4	14
80	4	TRACE	TRACE	0	0	0	0	0	0	0	7*	11	* 11
81	8	3	TRACE	7	0	0	0*	0	0	0	2	14	14
MEAN	4.7	4.7	2.7	.5	TRACE	.0	.0	.0	.0	.1	1.4	3.4	8.7
S. D.	3.553	5.712	4.748	1.626	.000	.000	.000	.000	.000	.258	2.024	3.556	4.487
TOTAL OBS	827	730	806	810	858	832	868	898	856	899	835	836	10055

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OLI)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

1 -160 HAHN AB DL 59-81

STATION STATION NAME 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	37SE	28WSW	46	
60	W	35WSW	34W	30W	43ESE	32SW	24WSW	28W	24SW	24NW	31W	39W	53	W 53
61	SW	37NW	33W	32S	27W	29SSW	26W	30SW	32W	29SSW	38WSW	*45SW	45	WSW*45
62	SW	43W	44SE	37WSW	36WSW	31W	26W	29SW	33WSW	32SSW	24SE	24W	39	W 44
63	SE	*34ESE	20W	31S	25SW	22W	68E	25W	*42W	32SE	25WSW	46ESE	29	W 68
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	*47SSW	53	
66	W	40W	37SW	51SW	31WSW	*50NNW	33SW	32W	*28SW	*30SW	32SW	50WSW	39	SW 51
67	WSW	34W	56NW	40WNW	30W	46W	63WSW	40SW	29WSW	24WSW	51S	31SW	41	W 63
68	WSW	42SSW	25WSW	*44SW	33S	33SW	26 23/	40 24/	29 29/	33 22/	31 10/	32 28/	31	WSW*44
69	26/	32 27/	36 25/	31 31*	39 25*	39 20/	26 24/	52 36/	30 27/	30 28/	22 27/	51 26/	31	24/ 52
70	14*	41 27/	48 28/	38 32/	35 33*	16		22/	33 26/	35 25/	36 26/	47 24/	38	
71	21/	49 26/	40 17/	32 27/	32 24/	32 28/	34 23/	35 22/	53 13/	27 24/	40 26/	40 23/	41	22/ 53
72	6/	31 25/	25 27/	44 26/	34 24/	40 25/	32 22/	31 23/	29 27/	30 13/	29 24/	56 23/	34	24/ 56
73	26/	27 23/	49 34/	26 24/	43 11/	35 22/	30 25/	27 26/	31 31/	38 32/	36 27/	38 32/	39	23/ 49
74	23/	47 26/	44 23/	36 4/	28 24/	36 30/	30 28/	36 26/	32 21/	35 21/	37 21/	41 26/	42	23/ 47
75	25/	34 13/	33 5/	32 23/	35 7/	38 26/	31 18/	36 25/	25 25/	41 26/	32 24/	46 22/	42	24/ 46
76	25/	65 12/	30 28/	27 8/	23 22/	30 26/	27 28/	32 10/	28 26/	26 22/	22 21/	46 24/	39	25/ 65
77	24/	34 24/	38 32/	30 31/	39 22/	33 27/	31 28/	27 22/	23 27/	24 24/	32 29/	52 23/	39	29/ 52
78	28/	45 12/	29 22/	39 27/	27 22/	28 25/	32 23/	29 24/	27 25/	36 27/	24 25/	24 25/	54	25/ 54
79	34/	42 22/	34 23/	45 26/	36 26/	41 24/	24 26/	25 27/	26 27/	22 11/	37 22*	35 21*	48	21* 48
80	24*	45 25/	39 30/	37 26/	53 10/	31 24/	32 24/	35 28/	30 23/	29 23/	40 25/	39 26/	38	26/ 53
81	25/	42 26/	35 26/	37 28/	26 29/	26 30/	24 22/	21 25/	25 21/	34 28/	38 35/	37 25/	50	25/ 50
MEAN	39.6	35.9	34.6	33.0	32.3	32.7	32.0	30.1	30.7	33.0	40.6	40.9	52.7	
S. D.	9.191	8.598	6.448	7.041	5.930	11.568	6.823	6.240	5.112	7.187	9.191	7.059	6.358	
TOTAL OBS.	666	611	703	675	662	651	658	678	646	670	673	689	7982	

NOTES * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0.88-5 (OLI)

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.2	.4	.7	.2								1.6	7.7
NNE	.2	.7	.4	.4								1.7	6.9
NE	.4	1.2	.1	.4								2.0	6.4
ENE	.1	.6	.8	.5								2.0	7.7
E	.4	1.7	1.8	.4								4.2	7.1
ESE	1.2	2.1	.7	1.0	.2							5.1	6.9
SE	1.7	3.3	3.9	4.1								13.0	8.0
SSE	1.0	1.9	1.8	.7	.1							5.5	6.8
S	.6	1.0	1.1	.5								3.1	6.6
SSW	.4	1.6	1.0	1.7								4.5	8.5
SW	.2	1.3	2.2	1.6								5.3	8.7
WSW	.5	2.2	3.3	2.8	.8	.4	.2					10.2	10.6
W	.7	5.3	9.2	3.3	.4		.1					19.0	8.5
WNW	.5	3.2	2.8	.6								7.1	7.0
NW	.1	.2	.8	.1								1.3	7.5
NNW	.4	.1	.1	.2								.8	6.7
VARBL		.2	4.2	3.0	.4	.1	.1					8.0	11.4
CALM												5.5	
	8.5	26.9	34.9	21.3	1.9	.5	.5					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1 6160	HAHN AB DL	73-81	JAN

CLASS: ALL WEATHER

HOURS (L S T): 0300-0500

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2		.7									1.0	6.9
NNE	.4	.6	.7	.2								1.9	6.4
NE		1.0	.6	.5								2.0	7.8
ENE	.1	.6	.4	.2								1.3	7.2
E	.2	1.8	1.7	.2								3.9	7.2
ESE	2.3	1.9	1.8	.7	.4							7.0	6.5
SE	2.0	3.0	4.7	2.5	.2							12.4	7.7
SSE	1.6	1.3	2.2	.7								5.7	6.3
S	.5	1.2	.6	.2								2.5	6.1
SSW	.1	.4	1.1	1.7								3.2	10.6
SW	.2	1.6	2.4	1.8	.2							6.2	8.9
WSW	.6	1.9	3.1	2.6	.5		.1					8.8	9.6
W	1.4	5.6	9.0	3.1	.8	.2	.2					20.4	8.6
WNW	1.1	2.2	2.0	1.0								6.2	6.6
NW	.2	1.1	.7	.7	.4							3.1	9.3
NNW	.2		.1									.4	4.7
VARBL		.1	4.1	3.5	.1	.1						7.9	11.2
CALM												5.9	
	11.2	24.1	35.7	19.7	2.6	.4	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1 C160	HAHN AB DL	73-81	JAN

CLASS: ALL WEATHER

HOURS (L S T): 0600-0800

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.5	.8	.1								2.2	6.1
NNE		.5	.6	.1								1.2	7.4
NE	.1	.7	1.3	.1								2.3	7.2
ENE	.1		.2	.4								.7	9.8
E	.2	.6	1.3	.2								2.4	7.2
ESE	1.2	2.6	1.9	1.4								7.2	7.3
SE	1.4	2.0	5.6	2.2	1.0							12.2	8.6
SSE	1.7	2.2	2.2	1.1								7.0	6.3
S	.1	1.4	.7	.6								2.9	7.4
SSW	.6	.1	1.1	1.2	.2							3.2	9.7
SW	.7	1.6	2.2	2.6	.2	.1						7.4	9.4
WSW	1.3	1.9	4.8	1.4	.5							9.9	8.4
W	1.6	4.7	8.1	4.2	1.0	.1						19.6	8.9
WNW	1.0	1.9	2.5	.2								5.6	6.4
NW	.5	1.2	1.3	.7	.1							3.8	7.9
NNW			.5									.5	6.5
VARBL		.1	3.7	3.3	.4							7.5	11.3
CALM												4.4	
	11.1	22.1	38.8	20.0	3.3	.2						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1 C160	HAHN AB DL	73-81	JAN

CLASS: ALL WEATHER

HOURS (L S T.): 0900-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	.6									1.9	5.7
NNE	.1	.6	.1	.1								1.0	6.1
NE	.6	.5	.1	1.0								2.2	8.1
ENE	.4	.7	.2	.2								1.6	6.3
E	1.0	1.3	1.7	1.3								5.3	7.6
ESE	.7	2.5	1.0	1.0								5.1	6.9
SE	1.4	2.9	5.4	3.6								13.3	8.2
SSE	1.4	2.3	2.2	1.3	.1							7.3	7.0
S	.6	.7	1.1	.6								3.0	7.6
SSW	.6	.4	.5	1.9								3.3	9.9
SW	.6	.7	2.0	1.8	.6							5.7	10.5
WSW	.8	1.9	4.1	1.4	.8							9.1	8.9
W	1.9	3.9	9.3	5.5	.1							20.8	8.6
WNW	1.3	1.7	2.6	.6								6.2	6.5
NW	.2	1.[illegible]	.8	.6								2.6	7.6
NNW	.1	.2		.4	.1							.8	11.4
VARBL			3.6	3.0	.4	.1						7.0	11.7
CALM												3.8	
	12.3	22.1	35.2	24.3	2.2	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.5	.7	.7	.2								2.2	6.4
NNE	.1	.5	.2									.8	5.0
NE	.1	.2	.4	.6	.1							1.4	10.3
ENE	.4	.4	.4	.4								1.4	6.4
E	.8	.8	1.2	1.6								4.4	8.1
ESE	.5	2.3	2.4	.8								6.0	7.4
SE	1.2	1.8	5.1	3.0								11.1	8.5
SSE	1.0	1.7	2.5	1.1								6.2	7.4
S	.5	1.2	.6	.5								2.7	6.8
SSW	.2	.6	1.1	1.3	.1							3.3	10.3
SW	.5	.7	2.7	2.2	.6							6.7	10.2
WSW	.7	.7	3.5	2.7	.5	.5						8.6	10.5
W	2.2	3.3	9.8	3.8	.2							19.4	8.4
WNW	.5	2.6	2.7	.1								6.0	6.7
NW	.5	1.1	2.2	.8								4.5	7.9
NNW	.1	.5	.6	.5								1.7	8.4
VARBL			5.1	2.7	.7	.7						9.3	12.1
CALM												4.2	
	9.7	19.1	41.2	22.3	2.3	1.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	JAN

CLASS: ALL WEATHER

HOURS (L S T): 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	.8	.7								3.0	7.2
NNE	.4	.6	.5	.2								1.7	6.4
NE	.4		.5	.7								1.6	9.5
ENE	.4	.4	.8	.4								1.9	7.2
E	.2	1.0	1.4	1.3								4.0	8.2
ESE	1.0	1.8	2.5	.8	.4							6.5	7.7
SE	.8	3.5	3.4	2.8	.1							10.5	8.0
SSE	.8	1.6	2.0	.4								4.8	6.8
S	1.0	1.2	1.4	.6								4.2	6.6
SSW	.1	.5	1.1	2.3								4.0	10.8
SW	.2	1.4	3.1	2.2	.1							7.1	9.5
WSW	.8	2.4	3.6	2.6	.5							9.9	9.0
W	1.7	4.4	7.2	4.0	.2							17.5	8.3
WNW	1.0	1.8	2.9	.4		.2						6.2	7.5
NW	.2	1.0	1.3	.4								2.9	7.4
NNW	.2	.4	.6	.2								1.4	7.0
VARBL		.2	3.1	4.1	1.0	.4	.1					8.9	12.7
CALM												4.1	
	9.7	23.0	36.3	24.0	2.3	.6	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 835

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.1	.5	.5	.5								1.6	8.2
NNE	.4	.4		.2								1.0	6.8
NE	.6	1.2	.8	.4								3.0	6.1
ENE	.2	.4	1.4	.1								2.2	7.7
E	.4	1.3	1.6	.6								3.8	6.9
ESE	.6	1.7	2.2	1.2	.4							6.0	8.6
SE	.5	2.6	4.3	2.4	.1							9.9	8.2
SSE	2.2	1.3	2.3	.7								6.5	6.0
S	.6	1.7	1.6	.7								3.8	7.4
SSW	.5	1.3	1.6	1.4	.5	.1						5.4	9.5
SW	.4	1.7	2.6	1.7	.4	.2						6.9	9.4
WSW	.7	2.3	3.0	2.7	.5		.1					9.3	9.5
W	1.0	4.7	7.0	3.2	.4							16.2	8.2
WNW	1.0	2.5	4.4	.6	.1	.1						8.7	7.4
NW	.1	.5	.6	.1								1.3	7.0
NNW	.4	.1	.1	.1								.7	5.7
VARBL			3.7	3.0	.7	.1						7.5	11.5
CALM												6.2	
	9.4	23.3	37.6	19.7	3.0	.6	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	JAN

CLASS: ALL WEATHER

HOURS (LST): 2100-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.4	.6	.2								1.7	6.7
NNE	.5	.8	.4									1.7	4.8
NE	.4	.4	.6	.4								1.7	7.1
ENE	.4	.8	1.2									2.4	6.6
E	.2	1.0	2.2	.7								4.1	8.1
ESE	1.4	1.6	1.8	.6	.1							5.5	6.6
SE	2.0	2.5	5.4	2.4	.1							12.4	7.8
SSE	1.3	1.6	2.6	.6								6.1	6.7
S	.7	.8	1.0	1.2								3.7	7.7
SSW	.4	1.3	1.7	.8	.1							4.3	8.0
SW	.5	1.4	2.3	1.9	.5	.2	.2					7.0	10.6
WSW	.7	2.9	3.2	1.9	.7	.5						9.9	9.7
W	1.6	6.2	8.7	2.7	.4							19.6	7.7
WNW	.4	2.6	1.8	.7	.2							5.7	7.6
NW	.1	.2	.7	.4								1.4	9.1
NNW		.1										.1	4.0
VARBL			3.6	4.1	.1							7.8	11.3
CALM												4.9	
	11.0	24.6	37.6	18.6	2.3	.7	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-91 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	.7	.3								1.9	6.8
NNE	.3	.6	.4	.2								1.4	6.2
NE	.3	.6	.6	.5	.0							2.0	7.6
ENE	.3	.5	.7	.3								1.7	7.2
E	.4	1.2	1.6	.8								4.0	7.6
ESE	1.1	2.0	1.8	.9	.2							6.1	7.2
SE	1.4	2.7	4.7	2.9	.2							11.9	8.1
SSE	1.4	1.7	2.2	.8	.0							6.1	6.7
S	.6	1.1	1.0	.6								3.2	7.1
SSW	.4	.8	1.1	1.5	.1	.0						3.9	9.6
SW	.4	1.3	2.4	2.0	.3	.1	.0					6.5	9.7
WSW	.8	2.0	3.6	2.3	.6	.2	.1					9.5	9.5
W	1.5	4.8	8.5	3.7	.4	.0	.0					19.1	8.4
WNW	.8	2.3	2.7	.5	.0	.0						6.5	7.0
NW	.3	.8	1.1	.5	.1							2.6	8.0
NNW	.2	.2	.3	.2	.0							.8	7.7
VARBL		.1	3.9	3.3	.5	.2	.0					8.0	11.7
CALM												4.9	
	10.4	23.2	37.2	21.2	2.5	.5	.2					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 6693

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 E16^ (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KTS) / DIR.	1 - 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	.4	.3								2.8	5.4
NNE	.3	.9	1.3									2.5	6.5
NE	.1	1.4	2.4									3.9	6.9
ENE	.3	1.4	2.6	.4								4.7	7.4
E	.8	1.3	1.8	1.3	.3							5.5	8.6
ESE	2.8	2.5	2.5	2.2	.4							10.4	7.4
SE	.7	5.1	6.0	2.8	.1							14.7	8.0
SSE	.9	3.4	1.7	.3								6.3	6.0
S	.4	.7	.5	.4	.1							2.1	7.9
SSW		.7	1.0	.7								2.4	8.8
SW	.1	.8	1.7	.9	.5	.1						4.2	10.4
WSW	.9	1.3	1.4	2.0	.3		.1					6.0	9.6
W	1.3	4.9	6.0	3.1	.5							15.9	8.1
WNW	.4	2.9	1.6	.[illegible]								5.0	6.1
NW	.8	.8	.4	.1								2.1	5.4
NNW	.4	.1										.5	2.5
VARBL			.8	1.8	.5							3.1	12.6
CALM												7.9	
	10.8	29.7	32.3	16.4	2.8	.1	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
106160	HAHN AB DL	73-81	FEB

CLASS: ALL WEATHER

HOURS (L S T): 0300-0500

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.7	.9	.3								2.6	6.2
NNE	.4	.8	1.3	.7								3.1	7.5
NE		2.0	1.2	.4								3.5	7.2
ENE	.5	.5	1.8	.4								3.3	7.4
E	.7	1.3	2.2	.8	.3							5.2	7.9
ESE	2.4	2.6	2.4	3.7	.3							11.3	8.1
SE	1.0	3.4	8.4	1.7	.4							15.0	7.9
SSE	.4	1.4	2.4	.7								4.9	7.2
S	.1	.5	.8	.4								1.8	7.9
SSW	.1	.1	1.2	.5								2.0	9.9
SW	.3	.3	1.6	1.0	.7							3.8	11.0
WSW	1.0	1.3	3.9	1.7	.3							8.3	8.7
W	2.2	4.5	6.2	3.5	.1	.1						16.7	7.7
WNW	.7	1.7	1.4	.4	.1							4.3	6.8
NW	.8	.5		.1								1.4	4.2
NNW	.4		.3	.3								.9	7.0
VARBL			1.6	1.8	.3	.1						3.8	12.3
CALM												8.0	
	11.8	21.7	37.5	18.4	2.4	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (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	1.2	.8	.3	.1								2.4	4.1
NNE	.3	.7	2.4	.5	.1							3.9	8.4
NE	.3	.7	1.7	.4								3.0	7.8
ENE	.5	.8	1.4	.4								3.1	7.3
E	.9	1.7	2.4	1.0	.3							6.3	7.7
ESE	.9	3.4	1.7	2.9	.1							9.1	7.9
SE	1.7	3.9	6.8	3.3	.1							15.9	8.0
SSE	.5	1.7	2.9	1.0								6.2	7.5
S	.3	.4	.3	.4	.1							1.4	8.5
SSW	.5	.4	1.2	.3								2.4	7.4
SW	.1	1.7	1.2	.9								3.9	8.0
WSW	.8	1.6	2.6	1.0	.5							6.6	8.5
W	2.4	4.3	5.5	2.4	.5	.1						15.2	7.6
WNW	1.2	1.3	2.0	.4								4.9	6.5
NW	.4	.5	.7	.4								2.0	7.4
NNW		.1	.1	.7								.9	10.9
VARBL			3.0	2.4	.4	.1						5.9	11.5
CALM												7.0	
	11.9	24.0	36.1	18.5	2.2	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.8	1.6	1.0	.1								3.5	5.6
NNE	.5	.8	2.0	.4								3.7	7.4
NE		.4	1.7	.4								2.5	8.7
ENE	.3	.8	2.0	.8								3.8	8.2
E	.7	1.6	2.8	1.6	.4							7.0	8.7
ESE	1.4	2.9	1.4	3.1	.8							9.7	8.9
SE	1.8	4.3	6.4	5.5	.1	.1						18.4	8.5
SSE	.7	1.7	2.5	.4								5.2	6.8
S	.7	.9	1.0	.4	.1							3.1	7.4
SSW	.1	.4	.8	.8		.1						2.2	10.1
SW		.5	1.6	1.4	.3							3.8	10.8
WSW	.5	1.3	2.2	.7	.4							5.1	8.8
W	.9	3.8	6.8	1.8	.5							13.9	8.2
WNW	.5	1.7	2.2	.1								4.6	6.4
NW	.4	.9	1.2	.4								2.9	7.4
NNW	.1	.4	.4	.4								1.3	8.4
VARBL			3.0	1.8	.7							5.5	11.6
CALM												3.7	
	9.4	24.0	39.1	20.2	3.3	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

156160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.8	2.[illegible]	1.6	.1								4.5	5.9
NNE	.1	2.0	2.1	.3								4.5	7.1
NE	.1	.3	1.8	.8								3.0	8.6
ENE		.5	2.0	.8								3.3	9.0
E	.5	1.4	1.8	1.8	.3							5.9	9.2
ESE	1.0	2.9	2.9	3.5	.7	.3						11.3	9.5
SE	.7	4.1	7.6	3.1	.1							15.6	8.5
SSE	.3	1.2	3.8	.5								5.8	7.8
S	.3	.3	.3	.5								1.3	8.6
SSW	.1	.5	.1	.3	.1							1.2	9.0
SW		.1	1.8	1.4	.3	.1						3.8	11.2
WSW	.3	1.0	2.4	2.2	1.0							7.0	10.8
W	.9	4.3	7.3	2.2	.3							15.1	8.2
WNW	.3	1.2	1.3	.3								3.0	7.0
NW	.9	.9	1.4	.1								3.4	6.0
NNW	.4	.5	1.3	.5								2.8	8.0
VARBL		.1	4.1	2.9	.5							7.6	11.0
CALM												1.0	
	6.7	23.4	43.7	21.5	3.3	.4						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (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	2.4	1.8	.9								5.5	7.0
NNE	.3	1.7	2.4	.5								4.9	7.4
NE	.1	1.0	2.8									3.9	7.3
ENE	.3	.7	2.1	1.3								4.3	8.9
E	.4	.4	1.3	2.1								4.2	10.1
ESE	.7	3.0	3.8	2.0	.9							10.4	8.8
SE	.9	3.5	7.9	2.2	.3							14.8	7.9
SSE	.3	2.0	2.5	.4								5.1	6.8
S	.5	1.0	.3	.5								2.4	6.8
SSW	.4	1.2	.5	1.2								3.3	8.0
SW		.7	1.3	1.2	.3	.3						3.7	11.7
WSW	.1	.8	2.6	2.1		.1						5.8	10.0
W	1.6	4.2	5.5	3.1	.4							14.8	8.0
WNW	.8	1.3	.5	.5								3.1	6.1
NW	.1	1.0	1.7	.4								3.3	7.6
NNW	.1	.5	.5	.1								1.3	6.9
VARBL			3.1	2.6	.1							5.9	10.7
CALM												3.3	
	7.0	25.5	40.7	21.3	2.0	.4						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (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	1.2	2.4	1.6	.1								5.2	5.5
NNE	.1	1.6	1.6									3.3	6.4
NE	.3	2.0	1.3	.3								3.8	6.4
ENE	.3	.9	2.4	.3								3.8	7.8
E	.5	1.8	1.6	1.3	.1							5.4	8.0
ESE	2.0	2.4	3.1	2.0	.3							9.7	7.4
SE	2.2	3.8	6.7	1.8	.1							14.7	7.1
SSE	1.4	3.0	2.4	.1								7.0	5.8
S	.9	1.4	1.3	.3								3.9	5.7
SSW		1.0	.8	.9	.3	.1						3.1	9.9
SW	.3	.9	.7	.7	.4	.3						3.1	10.7
WSW	.7	1.3	1.6	1.8	.1	.4						5.9	9.5
W	1.4	3.3	5.1	3.3	.3							13.4	8.2
WNW	.5	1.7	1.3	.3								3.8	5.9
NW	.4	1.0	.7	.1								2.2	6.0
NNW	.1	.1	.3									.5	6.0
VARBL			2.1	1.3	.4							3.8	11.1
CALM												7.2	
	12.3	28.7	34.4	14.6	2.0	.8						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
16C	HAHN AB DL	73-81	FEB

CLASS: ALL WEATHER

HOURS (L S T): 2100-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.[illegible]	.9	.1								2.8	5.8
NNE		1.3	1.3									2.6	6.5
NE	.8	1.4	1.7	.5								4.5	6.6
ENE	.1	.9	2.5	.4								3.9	8.0
E	1.2	2.0	1.6	1.0	.7							6.4	8.0
ESE	1.3	3.4	2.0	1.6	.7	.1						9.1	8.0
SE	.9	4.5	7.1	3.3	.1							15.9	7.9
SSE	1.6	3.0	1.8	.5								7.0	5.8
S	.8	1.2	.4	.5								2.9	5.9
SSW	.4	.8	1.2	.4	.3	.1						3.1	9.3
SW	.5	1.2	.9	.9	.5	.4						4.5	10.4
WSW		1.2	1.6	1.6	.3							4.6	9.6
W	1.6	3.8	6.3	2.9	.5							15.1	8.2
WNW	.5	2.4	.5	.1								3.5	5.1
NW	.5	.7	.4	.1								1.7	5.8
NNW	.3	.5	.1									.9	4.1
VARBL			2.1	1.4		.1						3.7	11.4
CALM												7.9	
	11.2	29.3	32.4	15.5	3.0	.8						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	FEB

CLASS: ALL WEATHER

HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.5	1.1	.3								3.7	5.8
NNE	.2	1.2	1.8	.3	.0							3.6	7.2
NE	.2	1.1	1.8	.3								3.5	7.3
ENE	.3	.8	2.1	.6								3.8	8.0
E	.7	1.4	1.9	1.4	.3							5.7	8.5
ESE	1.6	2.9	2.5	2.6	.5	.0						10.1	8.3
SE	1.2	4.1	7.1	3.0	.2	.0						15.6	8.0
SSE	.8	2.2	2.5	.5								5.9	6.7
S	.5	.8	.6	.4	.0							2.4	7.0
SSW	.2	.6	.9	.6	.1	.0						2.5	9.0
SW	.2	.8	1.3	1.1	.4	.1						3.9	10.5
WSW	.5	1.2	2.3	1.6	.4	.1	.0					6.2	9.4
W	1.5	4.1	6.1	2.8	.4	.0						15.0	8.0
WNW	.6	1.8	1.4	.3	.0							4.0	6.2
NW	.5	.8	.8	.2								2.4	6.4
NNW	.2	.3	.4	.2								1.1	7.3
VARBL		.0	2.5	2.0	.4	.0						4.9	11.4
CALM												5.7	
	10.1	25.8	37.0	18.3	2.6	.4	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 6096

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.4	1.0	.6								4.1	6.2
NNE	.6	.7	1.2									2.5	5.6
NE	.1	.8	2.0	.4	.1							3.5	7.9
ENE	.4	1.0	1.3									2.6	6.4
E	.6	2.6	.6	.8								4.7	6.6
ESE	1.8	1.8	1.6	.2								5.4	5.4
SE	2.9	3.6	2.5	.7								9.7	5.7
SSE	1.4	1.4	2.0	.4								5.3	6.2
S	.5	.4	.8	1.1								2.7	8.4
SSW	.5	.7	2.6	1.3	.1							5.3	8.8
SW	.7	2.3	2.3	.8								6.1	7.1
WSW	.8	3.0	3.6	1.8	.6	.1	.1					10.0	8.8
W	2.2	6.0	6.5	2.9	.1							17.6	7.3
WNW	1.1	1.6	.8	.4								3.8	5.7
NW	.8	1.2	.5	.4								2.9	5.8
NNW	.5	1.0	.5									1.9	5.3
VARBL			1.7	1.1	.4							3.1	11.3
CALM												9.0	
	15.9	29.4	31.4	12.8	1.3	.1	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — 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	1.1	1.2	1.0	.4								3.6	5.9
NNE	.2	1.0	.8	.1								2.2	6.7
NE	.7	1.3	1.7		.2							3.9	6.8
ENE	.1	.8	1.7		.1							2.7	7.6
E	1.2	1.3	.6	.6								3.7	5.5
ESE	1.8	3.0	1.3	.6								6.7	5.4
SE	2.6	3.8	3.1	.8								10.4	5.8
SSE	1.0	1.9	1.4	.5								4.8	6.2
S	.5	.6	.8	.7								2.6	7.8
SSW	.5	.8	1.0	1.8	.2							4.3	9.7
SW	.4	2.3	2.9	.8	.2							6.6	7.9
WSW	1.7	2.3	2.9	2.2	.5	.2						9.7	8.5
W	1.4	7.3	4.9	2.0	.5							16.1	7.1
WNW	1.0	1.4	1.7	.1								4.2	5.8
NW	.8	1.7	1.0	.1								3.6	5.4
NNW	.6	.5	.7	.2								2.0	6.5
VARBL			2.5	1.3	.6	.1						4.5	11.8
CALM												8.4	
	15.5	31.2	29.9	12.3	2.4	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.8	1.1	.7	.1							4.1	7.4
NNE	.2	1.1	1.0									2.3	5.6
NE	.6	1.2	1.7	.2	.1							3.8	7.2
ENE	.7	.7	1.6	.1	.2							3.3	7.4
E	.4	.6	.8	.7								2.5	7.8
ESE	2.2	3.3	1.6	.6								7.7	5.3
SE	2.2	4.4	3.3	.5								10.4	5.8
SSE	1.2	1.2	2.9	1.0								6.2	7.3
S	.8	.4	.1	.5								1.8	5.8
SSW	.4	1.3	1.2	.6								3.5	7.4
SW	.6	1.4	1.7	2.2	.2	.2						6.3	9.8
WSW	1.3	4.3	1.9	1.7	.5							9.7	7.6
W	2.3	5.9	5.1	2.3	.8							16.4	7.5
WNW	1.9	1.8	1.0	.5								5.1	5.6
NW	.5	.7	1.0	.4								2.5	6.9
NNW	.4	.5	.7	.2								1.8	7.3
VARBL		.1	2.8	2.3		.1						5.3	10.8
CALM												7.3	
	15.9	30.7	29.3	14.4	2.0	.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 616C — STATION
HAHN AB DL — STATION NAME
73-81 — 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	.6	.7	1.2	.5								3.0	6.8
NNE	.6	1.2	1.7	.5								3.9	7.1
NE	.8	.5	1.4	.8	.1							3.7	8.1
ENE	.6	1.0	1.7	.7								3.9	7.6
E	.5	.7	2.0	.7								3.9	7.5
ESE	1.3	2.2	2.0	1.3	.1							6.9	7.4
SE	1.4	3.0	4.4	1.7								10.5	7.4
SSE	1.7	2.2	2.3	.4								6.5	6.0
S	.2	.8	.8	.7	.1							2.7	8.7
SSW	.1	.2	.8	.7	.5							2.4	11.2
SW	.1	1.2	2.4	2.7	.2	.1						7.0	10.1
WSW	.6	2.3	2.6	2.5	.4	.4	.2					9.0	10.3
W	1.6	3.9	5.6	3.9	.6							15.7	8.5
WNW	1.8	2.0	1.8	.1								5.7	5.3
NW	.4	1.7	1.7	.1								3.8	6.4
NNW	.7	.6	.5	.4								2.2	6.5
VARBL		.1	2.9	3.5	.8							7.3	11.9
CALM												1.8	
	13.3	24.3	35.8	21.3	2.9	.5	.2					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	1.6	.1								5.0	5.7
NNE	.4	.8	1.2	.5								2.9	7.6
NE	.2	1.0	.6	1.4	.1							3.3	9.5
ENE	.1	.6	1.7	.4								2.7	8.3
E	.5	1.2	2.4	.1								4.2	7.2
ESE	.6	1.6	1.1	1.3								4.5	7.7
SE	.7	1.9	3.2	1.4	.1							7.4	8.1
SSE	.5	1.0	2.2	.2	.1							3.9	7.5
S	.1	1.7	2.4	.4	.4							4.9	8.1
SSW	.4	.5	1.1	1.3	.5							3.7	11.0
SW	.2	1.4	1.3	2.3	.6	.1						6.0	10.9
WSW	.4	1.8	2.6	3.8	.6		.1					9.3	10.5
W	1.2	4.1	4.3	4.1	.2		.1					14.0	8.7
WNW	.8	2.6	1.9	.2								5.6	5.9
NW	.7	1.6	1.6	.2								4.1	6.1
NNW	.2	1.3	.8	.1								2.5	5.9
VARBL		.5	8.1	4.1	.5	.2	.1					13.5	10.8
CALM												2.4	
	8.0	25.8	38.0	22.0	3.1	.4	.4					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — 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	.7	2.2	2.3	.1								5.3	6.3
NNE		1.9	2.4	.2	.1							4.7	7.6
NE	.1	.4	1.0	1.1	.1							2.6	10.1
ENE	.2	.6	1.8	.5								3.1	8.0
E	.6	.7	1.9	.6								3.8	7.7
ESE	.2	1.7	2.2	.7								4.8	7.5
SE	.8	2.9	2.0	.6								6.3	6.5
SSE	.6	1.4	1.9	.4								4.3	6.7
S	.6	1.7	1.8	.2	.1							4.4	7.1
SSW	.4	.7	1.2	1.8	.2	.2						4.5	10.7
SW	.2	1.2	3.5	1.8	.2	.1						7.0	9.9
WSW	.7	1.9	3.1	1.9	1.1							8.7	9.4
W	1.0	5.4	4.3	3.2	.6	.2		.1				14.8	8.6
WNW	.6	2.2	.7	.2								3.7	5.6
NW	1.2	1.7	1.7	.7								5.3	6.7
NNW	.6	1.0	1.3	.4								3.2	6.9
VARBL		.2	5.5	4.9	.8							11.5	11.2
CALM												1.9	
	8.6	27.6	38.5	19.4	3.3	.6		.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAR (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	1.2	2.[illegible]	2.3	.2								5.7	5.8
NNE	.1	2.2	1.1	.2	.1							3.7	6.6
NE	.5	1.2	.8	.1								2.6	6.0
ENE	1.0	1.3	2.4	1.3								6.0	7.4
E	.8	2.3	1.7									4.8	5.7
ESE	1.1	1.9	1.9									4.9	6.0
SE	1.4	3.2	1.8	.8								7.3	6.2
SSE	1.1	2.4	1.4									4.9	5.5
S	1.2	2.0	2.4	.7								6.3	6.6
SSW	1.0	2.5	1.8	1.2	.1							6.6	7.2
SW	.6	1.6	2.5	1.2	.5	.2						6.6	9.5
WSW	.5	2.6	2.5	1.3								6.9	7.7
W	1.9	4.3	3.0	2.0	.2	.2						11.7	7.4
WNW	1.1	1.8	.7	.2								3.8	5.3
NW	.8	1.9	.7	.7								4.2	6.3
NNW	.8	.6	.5	.1								2.0	5.1
VARBL	.1		1.9	1.9		.1						4.1	11.1
CALM												7.9	
	15.2	33.8	29.4	12.2	1.0	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.4	1.9	2.2	.1								5.6	5.6
NNE	.5	1.0	1.2	.4								3.0	6.7
NE	.7	.8	.8	.4								2.7	6.4
ENE	.4	.7	2.0	.6								3.7	7.7
E	1.0	1.9	1.3	.5								4.7	6.3
ESE	1.4	1.7	1.3	.2								4.7	5.3
SE	3.2	2.3	3.0	.7								9.2	5.8
SSE	1.3	2.6	1.7	.5								6.1	5.8
S	1.2	1.4	2.2	1.2								6.0	7.4
SSW	.6	.6	1.7	.7	.1							3.7	8.0
SW	1.3	1.7	1.8	.8	.2							5.9	7.4
WSW	.6	1.1	4.5	3.1								9.3	9.3
W	2.0	7.3	4.1	1.6	.4							15.3	6.7
WNW	.8	1.3	1.4	.4	.2							4.2	6.9
NW	.8	.6	.4	.2								2.0	5.2
NNW	.2	.5	.2	.1								1.1	6.1
VARBL		.4	1.4	1.2	.4							3.3	11.1
CALM												9.6	
	17.6	27.7	31.2	12.7	1.3							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.9	1.7	1.6	.3	.0							4.5	6.1
NNE	.3	1.2	1.3	.2	.0							3.1	6.8
NE	.5	.9	1.3	.6	1							3.3	7.7
ENE	.4	.8	1.8	.4	.0							3.5	7.5
E	.7	1.4	1.4	.5								4.0	6.7
ESE	1.3	2.1	1.6	.6	.0							5.7	6.2
SE	1.9	3.1	2.9	.9	.0							8.9	6.4
SSE	1.1	1.8	2.0	.4	.0							5.2	6.3
S	.6	1.1	1.4	.7	.1							3.9	7.5
SSW	.5	.9	1.4	1.2	.2	.0						4.2	9.0
SW	.6	1.6	2.3	1.6	.3	.1						6.4	9.1
WSW	.8	2.4	3.0	2.3	.4	.1	.1					9.1	9.0
W	1.7	5.5	4.7	2.7	.4	.1	.0	.0				15.2	7.7
WNW	1.1	1.8	1.3	.3	.0							4.5	5.7
NW	.8	1.4	1.0	.4								3.5	6.2
NNW	.5	.7	.7	.2								2.1	6.2
VARBL	.0	.2	3.3	2.5	.4	.1	.0					6.6	11.2
CALM												6.0	
	13.7	28.8	32.9	15.9	2.2	.4	.1	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 6695

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	APR

CLASS: ALL WEATHER

HOURS (LST): 0000-0200

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	4.1	2.3	.6								9.9	5.5
NNE	1.0	3.0	1.6									5.6	5.2
NE	1.1	1.1	.7	.1								3.1	5.0
ENE	.7	1.2	2.0	.1								4.1	6.3
E	3.3	3.1	1.1	.1								7.7	4.3
ESE	3.6	1.2		.1								4.9	3.1
SE	3.1	2.6	1.7	.5								7.9	5.0
SSE	1.0	.9	.5									2.3	4.4
S	.1	.7	.1	.1								1.1	5.8
SSW	.1	.7	1.0	.1								2.0	6.9
SW	.1	.6	.7	.9	.1							2.5	9.2
WSW	1.4	2.7	1.7	.6	.1							6.6	6.4
W	2.5	5.7	1.0	.2	.2	.1						12.7	5.9
WNW	1.5	3.6	1.7	.4								7.2	5.5
NW	1.6	1.7	1.4	.2	.1							5.1	5.8
NNW	1.5	2.1	.2	.2								4.1	4.6
VARBL		.1	1.1	.4								1.6	9.7
CALM												11.7	
	25.5	35.2	22.0	4.8	.6	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6167 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (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	2.5	4.7	3.1	.4								10.6	5.6
NNE	.6	2.2	1.7	.2								4.8	6.2
NE	.1	2.0	1.4	.4								3.8	6.6
ENE	.2	1.6	1.2	.4								3.5	6.5
E	2.1	2.5	.5									6.0	3.8
ESE	4.8	1.7										6.5	2.9
SE	1.9	3.7	2.2	.4								8.1	5.7
SSE	1.4	1.5	1.2									4.1	4.6
S	.2	.5	.6									1.4	5.7
SSW	.2	.4	.4	.1								1.1	6.6
SW	.1	.5	1.4	.9								2.8	9.1
WSW	.7	2.5	1.2	.7								5.2	6.6
W	2.5	7.7	5.6	1.1	.1							16.9	6.4
WNW	1.5	2.6	2.0	.5		.1						6.7	6.4
NW	1.1	2.1	.9	.2								4.3	5.2
NNW	.9	1.5	.2									2.6	4.6
VARBL		.1	.7	.2								1.1	9.3
CALM												10.4	
	21.9	37.7	24.3	5.6	.1	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	4.4	3.1	.6								10.4	5.9
NNE	.5	2.7	2.6	.1								5.9	6.2
NE	.6	1.2	1.4	.5								3.7	6.9
ENE	.2	2.3	1.6	.4								4.6	6.9
E	.7	2.5	1.0	.1								4.3	5.5
ESE	3.7	4.7	1.4	.1								9.9	4.3
SE	1.6	3.3	2.8	.6								8.4	6.0
SSE	.6	1.6	1.4									3.6	6.0
S	.7	.4	.2									1.4	4.1
SSW		.1	.2	.4								.7	9.0
SW	.1	.2	1.0	.5	.2							2.1	9.8
WSW	.1	1.6	2.1	.9								4.7	7.7
W	1.6	5.1	6.4	1.5	.4							14.9	7.4
WNW	1.2	3.8	2.1	.1	.1							7.4	5.9
NW	1.0	2.1	1.6									4.7	5.6
NNW	1.4	1.4	.7									3.5	4.6
VARBL			1.0	.9								1.9	10.7
CALM												8.0	
	16.4	37.5	30.6	6.7	.7							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.5	4.1	3.3	.5	.1							9.5	6.2
NNE	.7	2.1	3.3	1.1								7.3	7.5
NE	.2	.9	3.0	.7								4.8	8.0
ENE	.2	.5	1.7	1.0								3.5	9.0
E	.7	2.0	2.8	.6								6.2	6.9
ESE	1.4	4.4	2.1	.6								8.5	6.1
SE	.6	1.6	3.6	.6								6.4	7.4
SSE	.1	.9	1.4	.5								2.8	7.5
S	.4	.4	.4	.2								1.4	6.4
SSW	.2	.2	.1	.1								.7	6.0
SW		.4	1.2	.7	.4							2.7	10.5
WSW	.2	.4	1.1	1.1	.2	.1						3.2	10.5
W	.6	4.8	6.5	3.1	.1	.1						15.3	8.3
WNW	.7	3.0	1.6	.6	.1							6.0	6.6
NW	.6	2.8	2.0									5.4	5.9
NNW	1.4	1.9	1.2	.5								4.9	5.8
VARBL			6.0	2.6	.2							8.9	10.2
CALM												2.3	
	9.8	30.2	41.5	14.7	1.2	.2						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
106160	HAHN AB DL	73-81	APR

CLASS: ALL WEATHER

HOURS (L S T): 1200-1400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.5	3.7	.9	.1							8.3	7.2
NNE	.1	2.5	2.8	.7								6.2	7.5
NE	.5	.7	1.6	.9								3.7	8.1
ENE	.4	.6	1.9	1.0								3.8	8.5
E	.2	1.9	2.5	.5								5.1	7.5
ESE	.7	2.0	1.6	.9								5.2	6.7
SE	.7	1.6	2.2	.4								4.9	6.8
SSE	.6	.6	1.2	.1								2.6	6.3
S	.4	.6	.6	.1								1.7	6.3
SSW	.6	.9		.7								2.2	6.9
SW		.5	.6	.4	.2	.2						2.0	12.0
WSW	.1	.9	1.6	1.7								4.3	9.3
W	.7	3.1	5.9	2.0	.5							12.2	8.7
WNW	.7	2.2	1.9	.4								5.2	6.3
NW	.2	2.1	2.0	.6	.4							5.3	7.9
NNW	.7	2.5	2.3	.6	.1							6.3	7.1
VARBL		.2	14.0	5.3	.2							19.8	9.7
CALM												1.2	
	8.0	25.3	46.4	17.2	1.6	.2						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (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	.6	3.2	4.2	2.0								10.0	7.8
NNE	.5	3.0	3.8	.6								7.9	7.3
NE	.1	1.2	2.6	1.6								5.6	8.8
ENE	.1	1.0	1.6	1.9								4.6	8.9
E	.7	2.5	1.4	.4								4.9	6.2
ESE	1.0	2.3	2.0	.2								5.6	6.2
SE	.6	.7	1.4	.1								2.8	6.3
SSE	.9	1.2	.7	.1								3.0	4.9
S		.9	1.2	.1								2.2	7.2
SSW		.4	1.0	.1	.1							1.6	8.8
SW	.2	.9	.1	.7								2.0	7.8
WSW	.2	2.3	2.2	.5		.1						5.4	7.4
W	.5	4.0	4.9	2.1								11.5	7.9
WNW	.4	1.6	1.2	.1								3.3	6.3
NW	.4	1.2	2.1	1.1	.5							5.3	9.2
NNW	.6	1.7	1.5	1.1	.2							5.2	8.0
VARBL		.2	11.4	4.2	.1	.1	.1					16.2	9.9
CALM												3.0	
	6.9	28.4	43.3	17.0	1.0	.2	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	2.8	5.1	4.4	.9								13.2	6.0
NNE	1.6	3.5	1.2	.2								6.6	5.4
NE	.5	1.5	1.6	.7								4.3	7.3
ENE	.5	2.1	4.1	1.1								7.8	7.8
E	2.1	3.5	1.4	.1								7.0	4.6
ESE	1.4	2.1	1.0	.4								4.8	5.3
SE	1.2	2.3	.7	.1								4.4	5.0
SSE	.5	1.1	.5									2.1	5.2
S	.5	.7	.4	.4								2.0	6.6
SSW	.4	.9	.5									1.7	5.2
SW	.2	1.6	.9	.1	.2							3.1	7.5
WSW	1.0	2.0	.9	.4	.1							4.3	6.0
W	2.2	4.9	4.9	.7								12.9	6.2
WNW	.4	2.8	1.7	.1								5.1	6.3
NW	1.1	2.2	1.9	.5								5.7	6.5
NNW	.7	1.1	1.9	1.0		.1						4.8	7.9
VARBL			2.1	1.0	.2	.1						3.5	11.2
CALM												6.7	
	17.2	37.5	30.0	7.8	.6	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	2.8	6.7	2.6	.6								12.7	5.5
NNE	.7	3.6	.5	.2								5.1	5.2
NE	1.0	1.7	1.1									3.8	5.1
ENE	.4	1.0	4.3	.5								6.2	7.9
E	2.1	2.1	1.6									5.8	4.8
ESE	3.3	.9	.2									4.4	3.0
SE	1.5	1.6	.6	.6								4.3	5.5
SSE	1.6	.6	.6									2.8	3.9
S	1.1	1.0	.2	.1								2.5	4.6
SSW	.1	.2	.7									1.1	6.9
SW	1.1	1.0	.9	.6		.1						3.7	6.9
WSW	.6	2.3	1.2	.7	.2							5.2	7.2
W	1.1	5.8	3.5	1.0		.1						11.5	6.5
WNW	2.3	2.2	1.6	.4								6.5	5.4
NW	.9	2.0	1.5	.7								5.1	6.8
NNW	1.1	1.7	1.7	.1								4.7	5.6
VARBL		.1	.6	.5								1.2	9.8
CALM												13.3	
	21.9	34.6	23.6	6.2	.2	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10616D — STATION
HAHN AB DL — STATION NAME
73-81 — 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	2.1	4.3	3.3	.8	.0							10.6	6.2
NNE	.7	2.8	2.2	.4								6.2	6.4
NE	.5	1.3	1.7	.6								4.1	7.2
ENE	.4	1.3	2.3	.8								4.7	7.8
E	1.6	2.5	1.5	.2								5.9	5.3
ESE	2.5	2.4	1.0	.3								6.2	4.8
SE	1.4	2.2	1.9	.4								5.9	5.9
SSE	.8	1.0	.9	.1								2.9	5.3
S	.4	.6	.5	.1								1.7	5.9
SSW	.2	.5	.5	.2	.0							1.4	7.0
SW	.2	.7	.8	.6	.2	.0						2.6	8.9
WSW	.6	1.8	1.5	.8	.1	.0						4.9	7.4
W	1.5	5.1	5.2	1.5	.2	.0						13.5	7.1
WNW	1.1	2.7	1.7	.3	.0	.0						5.9	6.0
NW	.9	2.0	1.7	.4	.1							5.1	6.7
NNW	1.0	1.7	1.2	.4	.0	.0						4.5	6.3
VARBL		.1	4.6	1.9	.1	.0	.0					6.8	10.0
CALM												7.1	
	15.9	33.3	32.7	10.0	.8	.2	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 6878

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (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	2.4	2.3	.1								6.0	5.6
NNE	.5	2.5	.6									3.6	5.1
NE	.2	1.6	.1	.5								2.4	6.2
ENE	.4	1.4	1.7	.5								3.9	7.2
E	3.5	3.8	2.5	1.3								11.1	5.9
ESE	1.9	3.3	1.1	.6								6.9	5.2
SE	1.2	5.4	1.3	.1								8.0	5.1
SSE	1.7	2.9	1.1	.1								5.7	4.9
S	.7	.6	.7	.1	.1							2.3	5.6
SSW	.4	.7	1.3	.7		.1						3.2	9.0
SW	1.1	1.6	1.4	.2	.1							4.4	6.2
WSW	1.7	4.5	1.3	.1								7.6	5.0
W	2.5	6.5	4.1	.4								13.4	5.7
WNW	.7	1.9	1.2									3.8	5.5
NW	1.0	1.6	.2	.1								2.9	4.4
NNW	.7	1.0	.8									2.5	5.6
VARBL			.6	.1								.7	9.3
CALM												11.5	
	19.2	41.6	22.3	5.0	.2	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (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	2.7	1.8	.4								6.3	5.4
NNE	.7	2.0	.5									3.2	4.6
NE	.4	1.0	.2	.2	.1							1.9	6.9
ENE	.5	2.2	2.0	.1								4.8	6.5
E	1.4	3.7	1.6	1.1	.5							8.2	6.7
ESE	3.8	4.8	1.0	.2								9.8	4.4
SE	2.7	5.3	1.6	.4								9.[illegible]	5.0
SSE	1.8	2.4	1.0	.1								5.[illegible]	4.8
S	1.2	1.8	.8	.1								3.9	5.0
SSW	.4	.7	.6	.4								2.0	7.0
SW	.5	2.2	1.3	.4								4.3	6.2
WSW	1.2	3.6	2.0		.2							7.0	6.0
W	2.4	5.3	4.7	.1	.1							12.5	5.9
WNW	1.2	1.[illegible]	.6	.1								3.8	4.9
NW	.1	.6	.6	.2								1.6	7.4
NNW	.5	1.1	.7									2.3	5.8
VARBL			.7	.4								1.1	9.4
CALM												11.9	
	20.2	41.1	21.6	4.2	1.0							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.2	2.2	2.4	.2								6.0	6.2
NNE	.6	2.0	1.2	.1								3.9	5.9
NE	.1	.7	1.0									1.8	5.9
ENE	.6	1.2	2.2	.5	.1							4.5	7.6
E	1.2	4.2	2.6	1.4	.2							9.7	7.2
ESE	1.8	3.0	3.1	.1								8.0	6.0
SE	2.3	5.5	3.6									11.4	5.5
SSE	1.4	1.8	2.2	.2								5.6	5.8
S	.2	.8	.5	.1								1.7	6.5
SSW	.2	1.0	1.1	.7	.1							3.1	8.6
SW	.5	1.1	.8	.1								2.5	5.8
WSW	1.2	2.6	2.2	.7								6.7	6.5
W	1.1	6.1	5.0	.4	.2							12.8	6.6
WNW	1.2	3.0	.8	.2	.1							5.4	5.5
NW	.4	1.9	.7	.2								3.2	5.9
NNW	.4	.8	.2									1.4	4.7
VARBL		.1	.8	.7	.2							1.9	10.6
CALM												10.4	
	14.3	38.0	30.3	5.9	1.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-25 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (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	1.6	2.4	2.3	.5								6.7	5.9
NNE	.1	2.2	1.6	.5								4.3	7.1
NE	.1	.8	1.0	.1								2.0	6.8
ENE	.2	.5	2.2	1.2	.1	.1						4.3	9.6
E	.4	1.6	3.3	1.8	.4	.1						7.5	9.2
ESE	1.7	3.2	2.0	1.0	.2	.2						8.4	7.1
SE	.7	2.4	3.0	.8								6.9	7.3
SSE	.1	1.4	2.2	.2								3.9	7.0
S	.2	1.3	1.4	.2								3.2	7.1
SSW		.4	1.2	.8	.2							2.6	10.7
SW	.1	.7	1.2	1.1	.2							3.3	9.6
WSW	.2	1.3	2.4	1.3								5.3	8.2
W	1.6	4.8	4.5	2.0	.1							13.0	7.2
WNW	1.3	2.5	1.6									5.4	5.1
NW	1.3	2.0	.7	.1								4.2	5.0
NNW	.6	1.7	.8	.1								3.2	5.4
VARBL		.2	9.7	3.2	.5							13.6	9.9
CALM												1.9	
	10.3	29.4	41.0	15.1	1.8	.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.7	2.3	2.2	.8								6.0	7.1
NNE	.5	1.8	2.3	.4								4.9	6.9
NE	.1	1.1	1.0	.2								2.4	7.0
ENE	1.1	1.7	1.0	1.6	.2	.1	.1					5.7	9.0
E	.1	2.5	2.0	1.9	.5							7.0	9.1
ESE	.2	1.4	1.9	.5	.4							4.4	8.4
SE	.6	1.8	2.5	.6								5.5	7.0
SSE	.4	1.1	1.6	.4								3.3	7.2
S	.2	1.9	1.7	.4	.1							4.3	7.3
SSW	.5	.5	1.1	1.0	.1							3.1	8.8
SW	.4	.4	1.1	1.4	.1							3.3	10.0
WSW	.6	1.8	1.8	1.8	.1							6.1	8.3
W	.7	4.5	4.2	1.3	.1							10.9	7.3
WNW	.6	2.5	1.4	.1								4.7	5.6
NW	.7	1.3	1.0									3.0	4.9
NNW	.8	1.2	.8	.2								3.1	5.7
VARBL		.1	15.1	4.9	.4							20.4	9.8
CALM												1.8	
	8.2	27.8	42.4	17.4	2.0	.1	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10165 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (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	.5	2.6	3.8	.5								7.4	7.2
NNE	1.3	2.4	1.9	.7	.1							6.5	6.4
NE	.4	.8	1.4	1.1	.1							3.8	9.2
ENE	.2	1.7	1.6	1.4	.1	.1						5.1	9.2
E	.6	2.4	3.0	1.1	.2							7.3	7.9
ESE	.7	2.7	2.7	.7	.1							7.0	7.0
SE	.5	1.2	1.4	.4								3.5	6.8
SSE	.4	1.1	1.7	.4								3.5	7.1
S	.5	1.6	1.2	.2								3.5	6.2
SSW	.7	.8	1.1	.4								3.0	6.4
SW	.1	.4	1.4	1.0								2.9	9.3
WSW	.2	1.9	3.2	2.5								7.9	8.9
W	1.7	2.7	4.3	2.0								10.8	7.5
WNW	.7	2.4	1.2									4.3	5.5
NW		1.2	1.7	.1								3.0	7.0
NNW	.2	1.7	1.0	.1								3.0	6.2
VARBL		.2	10.9	4.1	.6							15.8	9.7
CALM												1.9	
	8.7	27.8	43.5	16.6	1.3	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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.[illegible]	4.2	3.9	.4								9.4	6.3
NNE	.7	3.6	2.2	.1								6.6	5.9
NE	.7	1.3	1.9	1.0	.1							5.0	7.9
ENE	.5	2.4	3.1	1.3	.1							7.4	7.7
E	2.3	4.3	3.5	.4	.2							10.6	6.3
ESE	1.7	2.5	.8	.4								5.4	5.1
SE	1.1	2.0	1.2	.1								4.4	5.3
SSE	.6	1.1	.4									2.0	4.6
S	.6	1.8	.8	.1	.1							3.5	6.0
SSW	.5	1.4	.8	.1								2.9	5.7
SW	.8	1.6	1.8	.4	.1							4.7	6.8
WSW	.7	2.2	2.5	.7	.1							6.2	7.2
W	1.4	5.9	3.5	1.2	.1							12.1	6.6
WNW	.8	2.7	1.6									5.1	5.7
NW	.7	.8	1.1	.4								3.0	6.3
NNW	.7	1.6	.8									3.1	4.8
VARBL			2.9	.4	.1							3.3	9.5
CALM												5.3	
	14.8	39.3	32.7	6.8	1.1							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6162 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (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	1.8	3.8	1.6	.2								7.4	5.3
NNE	1.2	1.8	1.4	.1								4.5	5.[illegible]
NE	.5	1.2	.6	.2								2.5	[illegible].2
ENE	.2	1.6	3.6	1.6								6.9	8.6
E	3.1	2.6	2.3	1.1								9.1	5.9
ESE	2.4	2.3	1.0	.2								5.9	4.7
SE	1.9	4.1	1.0									6.9	4.4
SSE	1.3	1.8	.1	.1								3.3	3.9
S	1.4	1.6	1.0	.2								4.2	5.0
SSW	.8	1.2	1.6	.4								3.9	6.3
SW	.5	3.5	1.6	.7								6.2	6.3
WSW	2.4	2.6	1.4	.2								6.7	5.1
W	3.0	3.7	2.9	.5								10.0	5.6
WNW	1.0	2.0	1.6	.1								4.7	5.6
NW	1.0	1.4	.6									3.0	4.7
NNW	.8	1.2	.6									2.6	4.8
VARBL			.4	.5								.8	10.7
CALM												11.2	
	23.3	36.3	22.9	6.2								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	MAY

CLASS: ALL WEATHER

HOURS (L S T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.8	2.5	.4								6.9	6.1
NNE	.7	2.3	1.4	.2	.0							4.7	6.0
NE	.3	1.1	.9	.4	.0							2.7	7.3
ENE	.5	1.6	2.2	1.0	.1	.0	.0					5.3	8.2
E	1.6	3.1	2.6	1.3	.3	.0						8.8	7.1
ESE	1.8	2.9	1.7	.5	.1	.0						7.0	5.9
SE	1.4	3.5	1.9	.3								7.1	5.7
SSE	1.0	1.7	1.3	.2								4.1	5.6
S	.6	1.4	1.0	.2	.0							3.3	6.1
SSW	.4	.8	1.1	.6	.1	.0						3.0	7.8
SW	.5	1.4	1.3	.7	.1							4.0	7.3
WSW	1.0	2.6	2.1	.9	.1							6.7	6.8
W	1.8	4.9	4.1	1.0	.1							11.9	6.5
WNW	.9	2.4	1.2	.1	.0							4.6	5.4
NW	.6	1.4	.8	.1								3.0	5.6
NNW	.6	1.3	.7	.1								2.7	5.4
VARBL		.1	5.1	1.8	.2							7.2	9.8
CALM												7.0	
	14.9	35.2	32.1	9.6	1.1	.1	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 6695

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (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	3.3	2.7	.4								8.3	5.7
NNE	1.6	3.2	1.6	.2								6.7	5.3
NE	.2	1.0	1.0									2.2	5.9
ENE	1.0	.7	.9									2.6	4.9
E	1.6	2.0	.7									4.3	4.3
ESE	1.7	1.1	.4									3.2	3.4
SE	2.2	3.1	1.6	.1								7.0	4.8
SSE	.5	1.0	1.2									2.7	5.9
S	.7	1.1	.2									2.1	4.1
SSW	.9	1.7	1.5									4.1	5.6
SW	1.1	1.6	1.6	.7								5.1	6.4
WSW	3.1	3.8	2.3	.5								9.8	5.3
W	3.3	6.4	3.8	.6								14.2	5.3
WNW	2.2	4.1	1.1	.1								7.5	4.6
NW	1.2	1.9	.7	.1								4.0	5.2
NNW	.9	1.1										2.0	3.7
VARBL			.7	.2								1.0	9.1
CALM												13.2	
	24.2	37.2	22.2	3.1								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (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	1.7	3.7	2.0	.2								7.7	5.4
NNE	.9	2.1	1.7	.1								4.8	5.8
NE	1.0	1.7	.5									3.2	4.6
ENE	.4	.7	1.0									2.1	6.2
E	1.7	2.0	.1									3.8	3.6
ESE	2.6	2.1	.1									4.8	3.2
SE	2.6	2.3	1.7	.2								6.9	4.8
SSE	1.5	.7	.9									3.1	4.7
S	.7	.6	.6									2.0	4.8
SSW	.6	.6	1.2	.2								2.7	6.8
SW	1.4	2.3	2.1	.5								6.3	6.4
WSW	1.5	2.2	2.1	.9								6.7	6.6
W	3.6	6.9	4.3	1.2								16.0	6.0
WNW	2.1	3.3	2.2	.1								7.8	5.2
NW	.9	1.6	.6	.1								3.2	4.8
NNW	1.1	1.2	.2									2.6	4.2
VARBL			.2									.2	8.0
CALM												16.0	
	24.2	34.3	21.7	3.7								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10616D (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (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	4.1	2.3	.5								8.5	5.8
NNE	.4	2.7	1.5	.4								4.9	6.4
NE	.5	.5	.7	.2								2.0	6.6
ENE	.5	1.9	.5	.2								3.1	5.6
E	1.9	2.0	1.1	.1								5.1	4.8
ESE	2.1	3.1	.7									5.9	4.4
SE	2.0	3.7	1.9	.1								7.7	5.1
SSE	1.6	1.2	1.0									3.8	4.7
S	.6	1.4										2.0	4.0
SSW	.2	.6	.9	.5								2.2	7.8
SW	.4	1.6	1.6	.9								4.4	7.6
WSW	.6	3.5	2.5	.5	.2							7.3	6.8
W	2.1	8.2	5.4	.9								16.6	6.1
WNW	1.1	3.0	2.7	.4								7.2	6.1
NW	1.0	1.4	1.6	.1								4.1	5.7
NNW	1.0	1.5	.9	.1								3.5	5.0
VARBL			1.5	.9								2.3	10.1
CALM												9.4	
	17.6	40.2	26.8	5.8	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

L 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (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	.5	3.3	3.8	.2								7.9	6.7
NNE	.9	2.8	3.5	.1								7.3	6.5
NE	.5	1.4	.7	.1								2.7	5.5
ENE	.9	1.7	.9	.2								3.7	5.7
E	1.1	1.7	2.1	.1								5.1	6.0
ESE	.7	2.0	.5	.5								3.7	5.6
SE	1.0	2.2	.5	.5								4.2	5.6
SSE	.6	1.2	.7	.1								2.7	5.6
S	.6	.4	.6									1.6	5.5
SSW	.4	.2	.5	.9								2.0	9.1
SW	.1	.4	1.6	1.7	.1							4.0	10.3
WSW	.4	2.0	3.2	2.2								7.8	8.5
W	1.7	5.9	5.3	2.0								15.0	7.0
WNW	1.5	2.6	2.2	.1								6.4	5.8
NW	.5	2.0	2.6	.1								5.2	6.4
NNW	1.1	3.0	.4	.1								4.6	4.6
VARBL		.5	9.5	3.0	.1							13.1	9.3
CALM												3.0	
	12.5	33.4	38.7	12.1	.2							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 808

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16160	HAHN AB DL	73-81	JUN
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	.7	3.2	3.1									7.0	6.0
NNE	.2	2.2	2.5	.6								5.6	7.2
NE	.2	1.5	1.2	.1								3.1	6.4
ENE	.4	1.4	1.2	.1								3.1	6.4
E	1.1	1.2	1.9	.5								4.7	6.7
ESE	.2	1.5	1.1	.1								3.0	6.5
SE	.2	2.1	.5	.2								3.1	5.6
SSE	.9	1.5	.6	.4								3.3	5.3
S	.4	.6	.2		.1							1.4	5.9
SSW	.5	.1	.1	1.4								2.1	10.2
SW	.1	.6	1.4	1.4	.2							3.7	10.4
WSW	.1	1.6	3.7	2.3	.4							8.1	9.4
W	1.5	4.4	5.1	2.3	.1							13.5	7.5
WNW	1.5	3.1	2.2	.2								7.0	5.9
NW	.6	2.2	1.4	.1								4.3	5.8
NNW	1.1	2.0	.6	.1								3.8	4.9
VARBL		.4	15.7	5.1	.1							21.2	9.4
CALM												2.0	
	9.9	29.6	42.5	15.1	1.0							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (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	1.5	4.3	3.1	.5								9.4	6.1
NNE	.5	3.5	3.6	.2	.1							7.9	6.7
NE		1.5	1.0	.4								2.8	7.4
ENE	.1	1.5	.4	.4	.1							2.5	7.2
E	.9	1.4	1.2	.2								3.7	6.4
ESE	.4	1.5	1.6	.2								3.7	6.6
SE		1.5	.5									2.0	6.1
SSE	.6	1.0	.6									2.2	4.9
S	.4	.9	.5	.2								2.0	6.4
SSW	.5	.6	.6	.9								2.6	8.3
SW	.1	.4	2.1	1.0								3.6	9.6
WSW	.6	1.1	3.2	1.9	.1							6.9	8.8
W	1.2	3.8	5.8	2.1								12.0	7.5
WNW	1.0	3.3	2.2	.5								7.0	6.0
NW	.5	.9	2.6									4.0	6.9
NNW	.9	2.1	1.4									4.3	5.6
VARBL		.5	15.6	4.3	.1							20.5	9.4
CALM												2.0	
	9.1	29.6	45.9	12.8	.5							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (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	1.6	5.3	4.2	.1								11.3	5.8
NNE	.9	5.2	4.5	.6								11.1	6.6
NE	.2	1.0	.9	.4								2.5	6.6
ENE	.9	1.7	1.0	.7								4.3	6.3
E	.6	1.4	1.1									3.1	5.4
ESE	.4	2.0	1.1									3.5	5.5
SE	.7	2.2	1.0									4.0	5.3
SSE	1.1	.9	.1									2.1	3.8
S	.2	1.2	.7	.2								2.5	6.7
SSW	.1	.6	.6	.4								1.7	7.7
SW	.4	1.4	2.0	1.4								5.1	8.6
WSW	1.2	2.6	2.6	.9	.1							7.4	7.0
W	2.5	8.4	5.2	1.2								17.3	6.1
WNW	1.6	2.6	1.4		.1							5.7	5.1
NW	1.1	3.0	1.1									5.2	4.8
NNW	1.7	1.6	1.1	.5								5.0	5.4
VARBL			2.8	.7								3.6	9.4
CALM												4.7	
	15.3	41.1	31.4	7.2	.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 808

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (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	2.1	5.9	1.7									9.8	4.8
NNE	.9	5.1	2.7									8.6	5.6
NE	.6	2.2	.6	.1								3.6	5.4
ENE	.9	1.5	2.0									4.3	6.3
E	.9	1.9	.7									3.5	4.6
ESE	2.1	1.2	.7									4.1	4.0
SE	1.5	1.9	.7									4.1	4.3
SSE	1.1	1.2	.1									2.5	3.6
S	.7	1.5	.1	.1								2.5	4.4
SSW	1.0	1.6	1.1	.1								3.8	5.6
SW	.5	1.9	1.5	.6								4.4	6.5
WSW	1.5	3.1	2.5	.7								7.8	6.1
W	3.5	6.0	4.0	1.2								14.7	6.1
WNW	2.5	2.8	.2	.1								5.7	4.2
NW	1.2	2.0	.4	.5								4.1	5.5
NNW	1.2	2.5	.1	.1								4.0	4.1
VARBL		.1	.9	.6								1.6	10.1
CALM												11.1	
	22.1	42.3	20.1	4.3								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (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	4.2	2.9	.2								8.7	5.8
NNE	.8	3.4	2.7	.3	.0							7.1	6.3
NE	.4	1.3	.8	.2								2.8	6.0
ENE	.6	1.4	1.0	.2	.0							3.2	6.1
E	1.2	1.7	1.1	.1								4.2	5.2
ESE	1.3	1.8	.8	.1								4.0	4.8
SE	1.3	2.4	1.1	.2								4.9	5.1
SSE	1.0	1.1	.7	.1								2.8	4.8
S	.6	1.0	.4	.1	.0							2.0	5.2
SSW	.5	.8	.8	.5								2.7	7.3
SW	.5	1.3	1.7	1.0	.0							4.6	8.0
WSW	1.1	2.5	2.8	1.2	.1							7.7	7.2
W	2.4	6.3	4.9	1.5	.0							15.0	6.4
WNW	1.7	3.1	1.8	.2	.0							6.8	5.4
NW	.9	1.9	1.4	.1								4.2	5.7
NNW	1.1	1.9	.6	.1								3.7	4.8
VARBL		.2	5.9	1.9	.0							8.0	9.4
CALM												7.7	
	16.9	36.0	31.2	8.0	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 6474

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.9	2.3	1.2									5.4	4.6
NNE	1.1	1.3	.1									2.5	3.6
NE	1.0	.2										1.2	2.9
ENE	.4	.1	.1									.6	3.6
E	1.6	1.2	.5									3.2	4.1
ESE	1.9	2.4	.5									4.8	4.2
SE	2.2	2.2	.4									4.7	3.8
SSE	2.6	1.0	.1	.1								3.8	3.4
S	.7	1.1	.6	.1								2.5	5.3
SSW	.7	.6	.1									1.4	4.1
SW	1.4	2.2	.6	.6								4.8	5.4
WSW	2.8	3.2	1.8	.5								8.3	4.9
W	5.1	11.9	4.9	2.4								24.3	5.8
WNW	3.8	4.4	1.3	.4								9.9	4.8
NW	1.4	2.4	.6	.1								4.6	4.5
NNW	1.2	1.3	.2	.4								3.1	4.9
VARBL			.7	.6								1.3	11.1
CALM												13.5	
	29.8	37.7	13.8	5.1								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 835

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.7	3.0	1.4	.2								6.3	5.2
NNE	.7	.6	.1									1.4	3.9
NE	.8	.2										1.1	2.8
ENE	.2	.1										.4	2.3
E	.6	1.2	.2									2.0	4.5
ESE	3.6	1.7	.8	.1								6.2	4.0
SE	1.2	3.2	1.0									5.4	4.6
SSE	1.9	1.1	.2									3.2	3.5
S	1.1	.8	.1									2.0	3.6
SSW	.7	1.0	.7	.1								2.5	5.3
SW	1.4	1.8	1.3	.5								5.0	5.4
WSW	2.4	4.8	3.0	.2								10.4	5.5
W	4.8	10.6	7.5	1.3								24.3	5.9
WNW	3.0	4.5	1.9	.6								10.0	5.3
NW	1.8	1.7	.8									4.3	4.3
NNW	.7	1.1	.4									2.2	4.1
VARBL			1.3	.6	.1							2.0	10.6
CALM												11.2	
	26.6	37.4	20.9	3.7	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

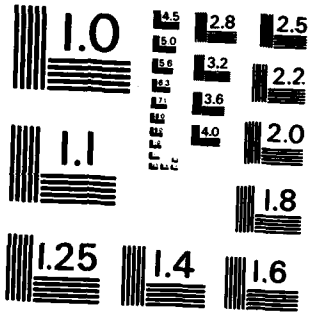
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.1	2.5	.4								7.6	5.9
NNE	.2	.8	.1									1.2	4.8
NE	.5	.6	.1									1.2	4.3
ENE	.2	.1										.4	3.0
E	1.0	1.8	.5									3.2	4.6
ESE	1.9	3.0	1.3	.4								6.6	5.2
SE	.8	2.2	2.4	.1								5.5	5.9
SSE	1.6	1.7	1.1									4.3	4.7
S	.7	.5	.6									1.8	4.9
SSW	.7	.2	.7	.1								1.8	5.6
SW	.8	2.0	1.6	.2								4.7	6.2
WSW	1.3	3.5	3.5	.8								9.1	6.8
W	2.4	11.5	9.4	1.6	.1							25.0	6.6
WNW	1.9	4.5	1.9	.5								8.8	5.6
NW	1.3	3.8	1.7	.1								6.9	5.2
NNW	.5	1.1	.7	.1								2.4	5.2
VARBL			2.2	1.0	.1							3.2	9.9
CALM												6.3	
	17.6	40.4	30.2	5.3	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 837

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

AD-A122 715 HAHN AB GERMANY (WEST) REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 09 AUG 82 2/5

UNCLASSIFIED USAFETAC/DS-82/049 SBI-AD-E850 208 F/G 4/2 NL



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	2.2	3.6	2.8	.4								8.9	5.7
NNE	.4	3.1	1.1									4.5	5.7
NE	.1	1.0										1.1	4.3
ENE	.5	1.0	.2									1.7	4.9
E	.5	1.1	.5	.1								2.2	5.8
ESE	.6	1.6	1.2	.7								4.1	7.1
SE	.8	1.3	1.8	.4								4.3	6.3
SSE	.5	1.1	1.2									2.8	6.0
S	.7	.7	.1									1.6	4.2
SSW	.1	.7	.4	.2								1.4	6.7
SW		.7	2.0	.6								3.3	8.7
WSW	.8	1.2	4.1	1.8								7.9	8.3
W	1.6	6.3	10.8	3.8	.1							22.6	7.9
WNW	.8	4.3	3.5	.6								9.2	6.7
NW	.5	3.3	1.7	.5								6.0	6.3
NNW	1.4	2.9	.7	.1								5.1	4.8
VARBL			8.4	2.3								10.6	9.1
CALM												2.8	
	11.5	33.9	40.3	11.5	.1							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
L 6160	HAHN AB DL	73-81	JUL

CLASS: ALL WEATHER

HOURS (L S T.): 1200-1400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	4.2	3.1	.2								9.0	6.1
NNE	.6	2.4	1.7	.1								4.8	6.0
NE	.2	1.3	.2									1.8	4.9
ENE	.5	.6	.1									1.2	4.2
E	.7	.5	.5	.2								1.9	5.8
ESE	.6	.8	1.7	.1								3.2	6.9
SE		.8	.7	.4								1.9	8.1
SSE	.6	.6	.6									1.8	5.1
S	.4	.8	.2									1.4	4.7
SSW	.4	.2	.6	.2		.1						1.6	8.7
SW	.1	.5	1.1	1.1								2.7	9.3
WSW	.5	1.4	4.2	1.9	.1							8.1	9.2
W	.5	5.9	10.0	4.5	.4							21.3	8.4
WNW	1.1	5.1	3.6	.5								10.3	6.2
NW	.6	3.0	1.9	.8								6.3	6.6
NNW	1.0	3.6	.6	.2								5.4	5.5
VARBL			12.4	3.1								15.5	9.2
CALM												1.8	
	9.1	31.8	43.2	13.5	.5	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — 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	2.7	.4								8.5	6.1
NNE	1.1	3.2	1.4	.1								5.9	5.6
NE	.2	1.3	.2									1.8	4.8
ENE	.6	.6	.7									1.9	5.2
E	.2	1.1	.8	.1								2.3	6.3
ESE	.2	.5	1.3	.2								2.3	7.2
SE	.6	1.3	.5	.1								2.5	5.0
SSE	.5	.7	.5	.2								1.9	6.0
S	.2	.8	.6	.2								1.9	6.8
SSW	.4		.2	.2								.8	7.6
SW		.7	.5	1.2	.1							2.5	10.2
WSW	.6	1.4	5.3	1.4	.2							9.0	8.5
W	1.7	5.6	11.9	3.7	.2							23.2	8.1
WNW	1.1	4.5	2.6	.5	.1							8.8	6.3
NW	1.0	2.6	2.2	.4								6.1	6.3
NNW	.8	3.0	.8	.2								4.9	5.3
VARBL		.2	11.1	2.9								14.2	9.3
CALM												1.6	
	10.2	32.1	43.5	11.9	.7							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.4	4.4	3.3	.1								9.3	5.7
NNE	.7	5.1	1.4									7.3	5.1
NE	.6	2.2	.6									3.3	5.0
ENE	.7	1.1	.6	.2								2.6	5.5
E	.8	1.6	1.1									3.5	5.2
ESE	1.0	2.0	.6	.1								3.7	5.0
SE	.6	.8	.4									1.8	4.5
SSE	.7	.5	.2									1.4	3.8
S	.4	.2	.2									.8	4.7
SSW	.4	.5	.5	.1								1.4	6.3
SW	.2	1.7	1.4	.8								4.2	7.7
WSW	1.1	2.4	2.9	.5								6.8	6.5
W	3.3	12.1	10.4	1.8	.1							27.7	6.4
WNW	3.1	3.9	1.8	.6	.2							9.7	5.6
NW	1.2	2.2	1.6	.7								5.6	6.1
NNW	1.2	1.0	.7	.4								3.2	5.3
VARBL		.1	1.6	.6								2.3	9.2
CALM												5.3	
	17.4	41.7	29.3	6.0	.4							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
106160	HAHN AB DL	73-81	JUL

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	5.0	1.0									8.5	4.5
NNE	1.6	2.7	.4									4.7	4.2
NE	.8	1.3										2.2	3.7
ENE	1.1	.8	.5									2.4	4.3
E	2.3	1.0	.1									3.3	3.0
ESE	1.9	1.3	.5									3.7	3.7
SE	1.8	.8	.1									2.7	3.2
SSE	1.6	.5	.4									2.4	3.4
S	1.0	1.1	.5									2.5	4.8
SSW	1.2	1.1	.2	.1								2.6	4.3
SW	1.3	1.8	1.2	.4								4.7	5.6
WSW	1.7	2.9	2.2	1.2								7.9	6.2
W	4.9	9.9	4.7	1.3								20.8	5.5
WNW	2.6	4.4	1.8	.4								9.2	5.2
NW	1.8	1.8	1.2	.2								5.0	5.0
NNW	1.1	1.9	.7									3.7	4.5
VARBL			.2	.2								.5	12.5
CALM												13.3	
	29.0	38.4	15.5	3.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.7	3.8	2.3	.2								7.9	5.5
NNE	.8	2.4	.8	.0								4.0	5.1
NE	.5	1.0	.1									1.7	4.3
ENE	.5	.6	.3	.0								1.4	4.7
E	1.0	1.2	.5	.1								2.7	4.8
ESE	1.5	1.7	1.0	.2								4.3	5.2
SE	1.0	1.6	.9	.1								3.6	5.1
SSE	1.2	.9	.5	.0								2.7	4.4
S	.6	.8	.4	.0								1.8	4.9
SSW	.6	.5	.4	.1		.0						1.7	5.8
SW	.7	1.4	1.2	.7	.0							4.0	6.9
WSW	1.4	2.6	3.3	1.0	.0							8.4	7.0
W	3.0	9.2	8.7	2.6	.1							23.6	6.8
WNW	2.2	4.5	2.3	.5	.0							9.5	5.7
NW	1.2	2.6	1.4	.4								5.6	5.6
NNW	1.0	2.0	.6	.2								3.8	5.0
VARBL		.0	4.7	1.4	.0							6.2	9.4
CALM												7.0	
	18.9	36.7	29.6	7.6	.3	.0						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 6693

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB OL (STATION NAME) 73-81 (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	2.4	1.3									5.6	4.7
NNE	.5	1.9	.5									2.9	5.0
NE	.7	.7	.7									2.2	5.3
ENE	.8	.8	.5									2.2	4.7
E	2.9	1.9	.6									5.4	4.0
ESE	2.4	2.9	1.6	.1								6.9	4.7
SE	2.4	2.4	1.7	.4								6.8	5.0
SSE	2.4	2.0	.7									5.1	4.3
S	.8	1.7	.2	.1								2.9	4.6
SSW	.5	.8	.2									1.6	4.5
SW	1.1	1.4	1.2	.2								3.9	5.6
WSW	1.3	2.7	1.7	.2								6.0	5.5
W	2.7	9.2	4.2	1.3	.1							17.6	5.7
WNW	1.6	3.5	1.0									6.0	4.7
NW	1.3	1.6	.7									3.6	4.4
NNW	1.3	2.6	.5									4.4	4.4
VARBL			.5									.5	8.8
CALM												16.6	
	24.6	38.6	17.7	2.4	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.4	.7									4.9	4.4
NNE	.7	1.7										2.4	4.2
NE	.5	1.7	.1									2.3	4.6
ENE	.7	1.0	.6									2.3	4.8
E	2.2	2.6	.7									5.5	4.4
ESE	3.2	2.7	.7									6.7	4.0
SE	3.5	2.4	2.0	.2								8.1	4.7
SSE	1.8	1.7	.5	.1								4.1	4.5
S	1.4	.7	.1									2.3	3.1
SSW	.4	.6	.5									1.4	5.3
SW	.4	1.3	1.2	.2								3.1	6.5
WSW	2.0	3.0	1.6	.6								7.2	5.4
W	3.3	7.4	3.7	1.8								16.2	5.9
WNW	2.3	2.6	1.6	.2								6.7	5.0
NW	1.8	1.9	1.4									5.1	4.8
NNW	1.3	1.6	.4									3.2	4.3
VARBL		.2	.4	.2								.8	9.1
CALM												17.7	
	27.2	35.5	16.1	3.5								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.4	3.3	1.4	.1	.1							6.5	5.3
NNE	.7	1.2	.6									2.5	4.9
NE	.7	1.2	1.0									2.9	5.3
ENE	.4	1.1	.4									1.8	5.3
E	1.0	1.9	1.1	.1								4.1	5.5
ESE	2.6	3.9	2.0	.2								8.8	5.1
SE	2.0	5.0	2.7									9.8	5.3
SSE	1.6	3.1	1.0	.6								6.2	5.4
S	1.2	.4	.4									1.9	3.8
SSW	.4	.6	.7									1.7	6.0
SW	.2	1.7	1.8	.2								3.9	7.0
WSW	2.0	1.4	1.9	.5								5.9	5.9
W	2.4	8.0	4.1	.7								15.2	5.8
WNW	2.5	3.8	1.4	.1								7.9	4.9
NW	1.0	1.7	1.2	.1								3.9	5.2
NNW	.5	1.2	.5									2.2	4.5
VARBL			1.6	.5	.1							2.2	10.2
CALM												12.8	
	20.5	39.5	23.7	3.2	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.6	3.9	2.9	.1								8.5	5.6
NNE	.6	1.7	2.0	.6								4.9	7.0
NE	.2	1.2	.8	.2								2.5	6.4
ENE	.7	.7	.5	.4								2.3	6.3
E	1.2	2.0	2.2	.7								6.1	6.6
ESE	1.1	2.0	2.6	1.0								6.7	7.1
SE	1.2	3.7	2.6	1.9								9.4	7.2
SSE	1.4	1.3	1.0	.4								4.1	5.5
S	.6	.6	.6	.4								2.2	6.2
SSW	.4	.4	.6	.5								1.8	7.5
SW	.5	.5	.7	1.0								2.6	8.8
WSW	.4	2.3	1.3	1.8	.1							5.9	8.2
W	1.2	5.0	5.0	1.3	.1							12.7	7.0
WNW	1.7	4.8	1.0	.1								7.5	5.3
NW	.5	3.0	1.0									4.4	5.5
NNW	1.4	3.0	1.7	.2								6.3	5.4
VARBL		.5	5.9	3.0	.1							9.4	9.8
CALM												2.7	
	14.6	36.6	32.3	13.5	.4							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.2	2.6	.4								7.6	6.1
NNE	1.6	2.6	.8	.4								5.4	5.3
NE	.6	1.2	1.0	.4								3.1	6.5
ENE	.1	1.2	1.2	.5								3.0	7.6
E	.8	1.2	.8	.4								3.2	6.3
ESE	.5	.8	1.1	.8								3.2	7.7
SE	.2	.4	1.6	1.2								3.3	9.4
SSE	.5	1.1	.6	.2								2.4	5.8
S	.2	1.1	.6	.1	.1							2.2	7.0
SSW	.2	.2	.6	.7								1.8	9.4
SW	.5	.4	.7	1.0	.1							2.6	8.5
WSW	.8	1.9	1.8	2.2								6.7	8.1
W	.7	5.5	5.6	2.3	.1							14.2	7.6
WNW	1.0	3.3	2.2	.1								6.6	5.8
NW	1.0	2.4	1.8									5.1	5.9
NNW	1.8	3.3	2.2	.1								7.4	5.5
VARBL		.6	12.7	5.9	.4							19.5	9.8
CALM												2.6	
	11.9	30.5	37.8	16.5	.7							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.7	3.6	4.1	.8								10.2	6.6
NNE	.6	2.0	2.6	.5								5.7	7.1
NE	.8	1.1	1.1	.6								3.6	6.6
ENE	.7	1.4	1.0	.5								3.6	6.2
E	.5	1.3	2.0	.4								4.2	7.0
ESE	.4	1.2	1.9	.5								3.9	7.5
SE	.1	1.4	1.8	.4								3.7	7.3
SSE	.2	1.7	.6	.1								2.6	6.1
S		.5	.6	.4								1.4	8.6
SSW	.6	.2	.7	.4	.1							2.0	7.6
SW	.1	.2	2.0	.8								3.2	9.5
WSW	.7	1.4	2.3	1.1								5.5	7.5
W	1.7	5.5	7.4	1.2	.1							15.9	7.0
WNW	1.8	3.0	1.0									5.7	4.7
NW	1.2	3.2	2.2	.7								7.3	6.4
NNW	.7	2.5	1.2	.1								4.5	5.4
VARBL	.1	.8	9.2	3.6	.4							14.1	9.8
CALM												2.7	
	11.9	31.2	41.6	11.9	.6							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.7	4.5	3.1	.2								9.6	5.5
NNE	1.2	3.9	2.3	.2								7.6	5.7
NE	.8	2.4	.7									3.9	5.2
ENE	.7	1.4	.8	.1								3.1	5.4
E	1.6	3.0	3.0	.1								7.6	5.8
ESE	1.3	2.6	1.2	.1								5.3	5.2
SE	.6	1.9	1.1									3.6	5.3
SSE	.8	1.2	.5									2.5	4.6
S	1.0	1.1	.4	.4								2.7	5.3
SSW	.6	.7	.5	.1								1.9	5.3
SW	.6	1.2	1.0	.2								3.0	6.5
WSW	1.4	1.9	1.6									4.9	5.5
W	3.1	7.5	3.8	.7								15.2	5.5
WNW	2.6	4.7	1.3	.1								8.7	4.5
NW	.8	2.5	1.3	.5								5.1	6.1
NNW	.8	1.7	.6	.2								3.3	5.2
VARBL			3.2	1.0								4.2	9.6
CALM												7.6	
	19.7	42.3	26.3	4.1								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	2.7	4.3	1.6									8.6	4.5
NNE	.7	2.7	.8									4.3	4.9
NE	1.0	1.8	.6									3.3	5.0
ENE	1.3	2.2	1.4									4.9	5.0
E	2.0	2.7	1.2									6.0	4.5
ESE	2.6	2.9	.2									5.7	3.8
SE	2.0	2.7	1.4	.1								6.3	4.8
SSE	1.6	1.9	.7									4.2	4.4
S	1.2	1.4										2.6	3.7
SSW	.2	.7	.1									1.1	5.3
SW	.7	2.3	1.1		.1							4.2	5.5
WSW	1.8	2.2	2.5	.4								6.8	5.9
W	5.0	5.7	2.6	.7								14.1	5.0
WNW	2.5	2.6	.7									5.9	4.3
NW	1.1	2.4	1.0	.1								4.5	5.1
NNW	1.4	1.9	.5									3.8	4.3
VARBL			1.2	.1								1.3	9.4
CALM												12.3	
	28.0	40.5	17.7	1.4	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
AUG — 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	1.8	3.5	2.2	.2	.0							7.7	5.4
NNE	.8	2.2	1.2	.2								4.5	5.7
NE	.7	1.4	.7	.1								3.0	5.7
ENE	.7	1.2	.8	.2								2.9	5.7
E	1.5	2.1	1.4	.2								5.3	5.5
ESE	1.8	2.4	1.4	.3								5.9	5.4
SE	1.5	2.5	1.9	.5								6.4	5.9
SSE	1.3	1.7	.7	.2								3.9	5.0
S	.8	.9	.4	.2	.0							2.3	5.1
SSW	.4	.5	.5	.2	.0							1.7	6.5
SW	.5	1.1	1.2	.5	.0							3.3	7.1
WSW	1.3	2.1	1.8	.8	.0							6.1	6.5
W	2.5	6.7	4.6	1.3	.1							15.1	6.2
WNW	2.0	3.5	1.3	.1								6.9	4.9
NW	1.1	2.3	1.3	.2								4.9	5.5
NNW	1.2	2.2	.9	.1								4.4	5.0
VARBL	.0	.3	4.3	1.8	.1							6.5	9.8
CALM												9.4	
	19.8	36.8	26.6	7.1	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 6696

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB OL (STATION NAME) 73-81 (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	.9	1.9	.7									3.5	4.9
NNE	.4	1.1	.4									1.9	4.9
NE		.4	.2									.6	6.0
ENE	.4	.6	.1									1.1	4.2
E	1.0	1.2	.5									2.7	4.5
ESE	1.1	2.6	.4	.1								4.2	4.7
SE	4.4	3.7	2.5									10.6	4.6
SSE	2.6	2.7	1.6									6.9	4.6
S	1.0	2.2	1.2	.1								4.6	5.6
SSW	.2	1.5	.5	.5	.2							3.0	7.9
SW	.1	2.5	1.4	1.1	.5							5.6	8.7
WSW	1.4	3.3	1.9	.4	.4							7.3	6.4
W	3.0	9.8	5.8	3.1	.1							21.7	6.7
WNW	2.0	2.6	1.2	.2								6.0	4.9
NW	.9	.9	.7	.1								2.6	5.2
NNW	.5	.2	.1									.9	4.6
VARBL			1.1	.4								1.5	10.2
CALM												15.4	
	19.8	37.2	20.4	6.0	1.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10616C (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.0	1.9	.7									3.6	4.9
NNE	.2	1.0	.4									1.6	5.5
NE	.4	.6										1.0	4.5
ENE		.2	.2									.5	6.5
E	1.2	1.1	.4									2.7	4.0
ESE	2.8	2.5	.5	.1								5.9	4.0
SE	4.3	3.6	2.7	.1								10.7	4.7
SSE	1.9	2.3	2.5	.1								6.8	5.4
S	.9	1.7	.5	.2								3.3	5.5
SSW	.2	1.6	.7	.6	.4	.1						3.7	9.0
SW	.4	2.0	2.3	.6	.1	.2						5.7	8.3
WSW	2.0	3.3	2.5	.5								8.3	5.6
W	3.5	9.0	5.3	1.9	.2							19.9	6.2
WNW	1.1	2.7	1.4	.5								5.7	5.8
NW	1.4	.2	.6	.2								2.5	5.0
NNW	.4	.1	.1									.6	3.6
VARBL			1.7	.5								2.2	10.2
CALM												15.3	
	21.6	34.0	22.6	5.4	.7	.4						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.5	.9	.6									3.0	4.0
NNE	.9	1.0	.6									2.5	4.8
NE	.1	.2	.4									.7	5.5
ENE	.6	.6										1.2	3.3
E	.4	1.6	.1									2.1	4.5
ESE	2.1	2.3	.9	.1								5.4	4.5
SE	4.2	3.8	3.5	.9								12.3	5.6
SSE	2.2	3.0	2.3	.5								8.0	5.4
S	1.1	1.7	.5	.2								3.6	5.1
SSW	.9	.4	.6	.7	.2							2.8	8.9
SW	.2	1.9	2.5	1.7	.1	.1						6.5	8.9
WSW	1.6	3.2	2.8	.9								8.5	6.3
W	2.6	6.9	6.4	3.1								19.0	6.9
WNW	1.7	1.5	1.5	.1	.1							4.9	5.5
NW	.9	.4	.4	.1								1.7	4.7
NNW	.4											.4	2.7
VARBL		.1	1.2	1.1								2.5	10.5
CALM												14.7	
	21.4	29.5	24.3	9.5	.5	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) SEP (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	.6	1.7	1.2	.1								3.7	6.0
NNE	.9	2.2	1.0									4.1	5.1
NE	.1	.6	.1									.9	5.4
ENE	.6	.2	.4	.2								1.5	5.7
E	.7	.5	1.1	.1								2.5	6.2
ESE	1.0	1.9	1.5	.6								4.9	6.5
SE	1.5	3.6	4.1	1.2								10.4	7.0
SSE	1.6	3.3	2.7	.7								8.4	6.3
S	.9	.9	1.1	.2								3.1	5.7
SSW	.9	.2	1.1	1.5	.2							4.0	9.3
SW	.4	.9	1.4	3.0	.5							6.0	11.2
WSW	1.1	2.5	4.1	1.7	.2							9.6	8.0
W	2.0	6.3	7.3	4.1	.1							19.8	7.7
WNW	1.9	2.6	2.0	.1								6.5	5.3
NW	.4	1.4	.1									1.9	4.3
NNW	1.0	1.0	.4									2.3	4.4
VARBL		.2	3.5	2.0	.1							5.8	10.0
CALM												4.7	
	15.4	30.0	33.0	15.7	1.2							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.5	2.5	2.5									6.4	5.6
NNE	.7	1.6	.9									3.2	5.6
NE	.1	.7	.2	.1								1.2	5.7
ENE	.2	1.0	.5									1.7	5.6
E	.5	.7	1.7	.2								3.2	7.0
ESE	.4	.7	1.5	.4								3.0	7.8
SE	.2	1.9	2.7	1.0								5.8	7.8
SSE	.6	2.3	2.8	.6								6.4	6.9
S	.1	1.0	1.9	.9	.1							4.0	8.5
SSW	.1	.5	1.0	1.9	.4							3.8	11.2
SW	.2	1.1	1.7	2.2	.6							5.9	10.4
WSW	.5	.9	3.2	2.7	.2							7.5	10.1
W	2.0	6.9	6.4	4.0								19.3	7.6
WNW	1.7	3.2	1.2	.4								6.5	5.4
NW	.6	2.1	.7		.4							3.8	6.4
NNW	1.0	1.0										2.0	3.4
VARBL		1.0	9.5	2.6	.1							13.2	9.3
CALM												3.0	
	10.6	29.1	38.5	16.9	1.9							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
106160	HAHN AB DL	73-61	SEP

CLASS: ALL WEATHER

HOURS (L S T.): 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	1.2	.1								5.3	5.2
NNE		2.2	1.6	.2								4.1	6.9
NE	.2	.4	.6	.1								1.4	6.6
ENE	.6	.6	.1	.2								1.6	4.9
E	1.2	.9	2.2	.1								4.4	6.2
ESE	.1	1.4	1.2	.1								2.8	6.5
SE	.9	2.2	1.9	.4								5.3	6.4
SSE	.7	2.7	1.7	.6								5.8	6.2
S	.5	1.1	1.6	1.1	.2							4.6	8.4
SSW	.4	.9	1.7	1.4	.2							4.6	9.5
SW	.5	1.5	1.4	1.6	.2							5.2	8.9
WSW	1.1	1.5	4.0	1.9	.2							8.6	8.3
W	3.0	7.2	7.4	2.8	.2							20.6	7.2
WNW	1.9	3.3	1.5	.2								6.9	5.3
NW	1.2	2.1	1.2	.2	.1							4.9	5.8
NNW	.6	1.2	.6	.1								2.6	5.4
VARBL		.2	5.7	2.1	.2	.1						8.4	10.0
CALM												2.8	
	14.2	32.1	35.7	13.5	1.6	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.5	2.2	1.6	.1								5.4	5.0
NNE	.7	2.0	1.2									4.0	5.6
NE	.2	.7	.5									1.5	5.7
ENE	.4	.5	.9									1.7	6.0
E	.6	1.9	.5									3.0	5.0
ESE	1.7	2.3	.5									4.6	3.9
SE	2.7	4.1	1.9	.4								9.0	4.9
SSE	.9	1.4	.7	.4								3.3	5.7
S	1.5	1.4	1.4	.6	.1							4.9	6.2
SSW	.4	1.4	1.0	1.2	.4							4.3	8.9
SW	.5	3.0	1.5	.9	.4							6.2	7.6
WSW	2.0	3.0	2.8	.4	.1							8.3	6.0
W	5.1	7.7	6.3	1.0	.4							20.4	6.0
WNW	2.6	2.6	.6	.1								5.9	4.1
NW	.9	1.2	.7	.2								3.1	5.6
NNW	.6	1.4	.4	.1								2.5	4.8
VARBL			1.9	1.0								2.8	10.6
CALM												9.0	
	22.2	36.6	24.4	6.4	1.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.5	2.6	1.4	.2								4.7	6.0
NNE	1.0	1.5	1.1	.1								3.7	5.6
NE	.4	1.0	.4									1.7	4.9
ENE	.2	.4	.6									1.2	6.4
E	.9	1.4	.6									2.8	4.7
ESE	1.9	1.7	.5									4.1	4.1
SE	2.5	6.7	.9	.1								10.1	4.5
SSE	2.7	2.0	1.4	.1								6.2	4.5
S	1.4	2.2	1.1	.9								5.6	6.0
SSW	1.0	1.4	.9	.9	.1	.1						4.3	7.3
SW	.5	1.6	1.9	.9	.1							4.9	7.7
WSW	1.4	3.5	2.7	1.0	.2							8.8	6.9
W	4.1	7.8	6.0	1.7								19.6	6.2
WNW	2.1	2.5	.9	.1								5.6	4.7
NW	.9	.6	.5	.1								2.1	4.8
NNW	.2	.5	.4	.1								1.2	6.1
VARBL		.1	1.0	1.5								2.6	10.9
CALM												10.7	
	21.5	37.3	22.1	7.8	.5	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.1	2.0	1.3	.1								4.4	5.3
NNE	.6	1.6	.9	.0								3.1	5.6
NE	.2	.6	.3	.0								1.1	5.5
ENE	.4	.5	.4	.1								1.3	5.3
E	.8	1.2	.9	.1								2.9	5.4
ESE	1.4	1.9	.9	.2								4.4	5.1
SE	2.6	3.7	2.5	.5								9.3	5.5
SSE	1.7	2.5	2.0	.4								6.5	5.6
S	.9	1.5	1.2	.5	.1							4.2	6.4
SSW	.5	1.0	.9	1.1	.3	.0						3.8	9.0
SW	.4	1.8	1.7	1.5	.3	.0						5.8	9.0
WSW	1.4	2.6	3.0	1.2	.2							8.4	7.2
W	3.1	7.7	6.4	2.7	.1							20.0	6.8
WNW	1.9	2.6	1.3	.2	.0							6.0	5.1
NW	.9	1.1	.6	.1	.1							2.8	5.4
NNW	.6	.7	.2	.0								1.6	4.6
VARBL		.2	3.2	1.4	.1	.0						4.9	9.9
CALM												9.5	
	18.3	33.2	27.6	10.2	1.1	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 6479

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	OCT

CLASS: ALL WEATHER

HOURS (LST): 0000-0200

CONDITION:

SPEED (KNTS) DIR.	1 - 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	.8	1.4									3.0	5.9
NNE	.7	.5	.8									2.0	5.0
NE	.1	.5	.8									1.4	6.2
ENE		.4	.5	.5								1.3	8.5
E	.5	.8	.8	.4	.2							2.7	7.9
ESE	1.4	2.5	1.3	.7	.2							6.2	6.6
SE	2.9	5.4	6.9	1.9								17.1	6.6
SSE	2.2	3.6	2.6									8.4	5.2
S	.8	1.2	1.6	.5								4.1	6.5
SSW	.1	1.1	.8	.8	.2							3.1	9.3
SW	.6	1.3	1.3	2.4	.4							6.0	9.5
WSW	.4	1.3	1.9	2.6								6.2	9.5
W	2.0	7.0	6.0	1.8	.1							17.0	6.9
WNW	1.1	3.8	1.8	.2								6.9	5.5
NW	.8	1.3	.5									2.6	4.4
NNW	.7	.5	.2									1.4	3.7
VARBL			.8	1.1								1.9	11.8
CALM												8.6	
	15.1	32.0	30.2	12.9	1.2							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6167 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
OCT — 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	1.3	1.0	1.2									3.5	5.3
NNE	.5	.7	.4									1.6	4.8
NE	.2	.6	.7									1.6	6.2
ENE		.8	.1	.6								1.6	8.1
E	.6	1.1	.7	.1								2.5	5.6
ESE	1.2	2.2	1.4	.6	.1	.2						5.7	7.0
SE	3.1	5.1	6.9	2.9								17.9	7.0
SSE	1.0	3.0	2.6	.5								7.0	6.2
S	.6	1.0	1.2	1.0								3.7	7.5
SSW	.4	1.0	1.3	1.2	.2							4.1	8.9
SW	.1	1.3	1.4	1.0	.1							3.9	8.8
WSW	.7	2.3	3.0	1.4	.2							7.6	8.1
W	1.8	6.2	6.2	1.4								15.7	6.7
WNW	1.4	3.7	1.1	.2								6.5	5.2
NW	1.1	1.8	.1	.2								3.2	4.9
NNW	.5	.7	.2									1.4	4.4
VARBL			1.0	1.6	.2							2.7	13.0
CALM												9.8	
	14.5	32.3	29.6	12.7	1.0	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.0	1.6	.1								3.7	6.2
NNE	.1	.4	.6									1.1	6.1
NE	.1	.5	.5									1.1	5.8
ENE	.4	.4	1.1	.4								2.2	7.3
E	.5	1.0	.8	.4								2.6	7.0
ESE	1.2	2.9	1.4	.8		.4						6.7	7.4
SE	2.3	5.4	6.8	3.5								17.9	7.4
SSE	1.6	3.9	3.8	.6								9.9	6.3
S	1.1	1.1	1.6	.7								4.4	6.9
SSW	.4	.5	1.2	.5	.1							2.6	8.2
SW	1.0	1.3	1.1	1.2	.4	.1						5.0	8.7
WSW	.7	2.4	2.4	1.2	.2							6.9	7.9
W	2.3	5.9	4.8	2.2	.4							15.4	7.2
WNW	1.7	3.3	1.1									6.1	4.7
NW	1.1	1.4	.7	.1								3.3	5.2
NNW	.5	.2	.2	.1	.1							1.2	7.0
VARBL			.7	1.4	.1							2.3	12.6
CALM												7.5	
	15.8	31.4	30.3	13.1	1.3	.5						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 c160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) OCT (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	1.4	1.7	1.1	.1								4.3	4.9
NNE	.4	.8	1.2									2.4	6.6
NE	.4	.1	.4									.8	5.0
ENE	.2	.2	.4	.7								1.6	8.9
E	.8	.7	1.2	.7	.2	.2						3.9	8.8
ESE	.6	1.6	2.5	1.6		.2						6.5	8.6
SE	2.2	3.3	6.1	4.5	.2							16.4	8.3
SSE	.8	3.1	4.4	.6								9.0	6.8
S	.7	1.0	1.3	.7								3.7	7.1
SSW	.5	1.0	1.4	.8								3.7	7.7
SW		.8	2.4	1.0	.4	.5						5.0	11.1
WSW	.5	1.7	2.9	1.0	.1							6.1	8.3
W	1.4	4.7	6.1	2.0	.2							14.5	7.5
WNW	1.1	3.0	1.3	.5	.1							6.0	5.9
NW	.2	1.9	1.1	.1								3.3	6.1
NNW	.7	.7	1.1	.1								2.6	6.0
VARBL			2.4	2.3	.4							5.0	11.5
CALM												5.3	
	11.9	26.3	37.2	16.7	1.7	1.0						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	1.7									4.4	5.6
NNE	.6	1.4	.6	.4								3.0	6.0
NE		.8	.2	.2								1.3	7.0
ENE		.2	.4	.5								1.1	9.7
E	.5	1.0	1.8	1.3	.2							4.8	9.0
ESE	.6	2.0	2.0	1.4	.2	.1						6.5	8.3
SE	1.1	2.7	6.6	2.0	.1							12.5	8.1
SSE	1.2	3.1	3.1	1.0								8.4	6.6
S	.5	1.4	1.6	.6								4.1	7.4
SSW	.1	.7	1.0	.4								2.2	7.8
SW	.2	1.3	1.9	1.7	.7							5.9	10.3
WSW	.5	2.3	2.4	1.1	.2							6.5	8.0
W	.8	6.2	6.7	2.5	.5	.2						17.0	8.2
WNW	1.3	2.4	2.3	.4	.1							6.5	6.2
NW	.8	1.2	1.0	.2								3.2	6.0
NNW	.8	1.3	.6	.2								3.0	5.6
VARBL			3.5	3.6	.2	.1						7.4	11.5
CALM												2.5	
	10.0	30.0	37.2	17.4	2.4	.5						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB OL (STATION NAME) 73-81 (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	1.0	1.4	1.8	.1								4.3	5.9
NNE	.5	1.3	1.3									3.1	6.0
NE	.1	1.0	.5	.4								1.9	6.9
ENE	.1	.1	.5	.5								1.2	8.9
E	.6	.8	.4	1.6								3.3	8.4
ESE	1.0	3.7	1.6	1.9	.1							8.2	7.2
SE	.7	3.9	6.0	2.0								12.7	7.6
SSE	1.2	2.9	2.6	.2								6.9	5.9
S	.2	1.3	1.1	.6								3.2	7.0
SSW	.4	.7	1.4	.2	.2							3.0	8.1
SW	.4	1.4	1.9	1.1	.1							4.9	8.1
WSW	.6	1.6	3.3	1.7	.5							7.6	8.9
W	1.4	7.4	6.1	2.4	.2							17.6	7.3
WNW	1.6	2.9	1.6	.2								6.2	5.3
NW	1.0	1.3	1.2	.2		.1						3.8	6.3
NNW	1.0	.7	.5	.1								2.3	4.7
VARBL		.1	3.6	1.7								5.4	9.9
CALM												4.3	
	11.6	32.6	35.2	14.9	1.2	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — 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	1.2	.8	1.3									3.3	5.5
NNE	.1	1.2	.7	.1								2.2	6.4
NE	.5	.5	.5									1.4	5.2
ENE		.1	.7	.7								1.6	9.9
E	.5	1.1	.7	.4								2.6	6.4
ESE	1.6	1.8	2.4	1.4	.1							7.3	7.4
SE	2.0	4.4	6.6	2.2								15.2	7.3
SSE	1.2	5.7	2.5	.5								9.9	5.9
S	1.2	1.7	.5									3.3	4.4
SSW	.7	1.3	1.1	.2								3.3	6.1
SW	.7	2.7	1.6	.8								5.9	6.8
WSW	.8	2.7	3.1	.7	.1							7.5	7.0
W	1.3	5.4	5.1	1.9	.1							13.9	7.4
WNW	.8	2.5	1.2	.2								4.8	6.1
NW	1.3	.8	.6	.6								3.3	5.6
NNW	.6	.7	.6	.1								2.0	5.8
VARBL			2.3	1.0								3.2	10.3
CALM												9.2	
	14.6	33.6	31.4	10.9	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 616 (STATION) HAHN AB OL (STATION NAME) 73-81 (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	.4	.7	1.9									3.0	7.0
NNE	.1	1.4	.5									2.0	5.6
NE		.4	.5	.1								1.0	7.8
ENE	.2	.4	1.2	.5								2.3	8.2
E	.5	.6	.2	.2	.1							1.7	6.9
ESE	1.7	2.0	.8	1.2	.2							6.0	6.8
SE	2.8	4.7	7.1	2.4	.1							17.0	7.1
SSE	2.5	3.5	3.0	.4								9.3	5.4
S	.4	1.9	1.3	.1								3.7	5.8
SSW	.5	.7	1.1	.4								2.6	6.7
SW	.2	1.2	2.6	1.6								5.6	9.0
WSW	.4	1.9	1.8	1.2								5.3	7.9
W	1.7	6.7	5.0	1.3	.4							15.1	6.8
WNW	2.4	2.9	1.8	.4								7.4	5.3
NW	1.1	1.1	1.2									3.3	5.4
NNW	.2	.4	.5	.1								1.2	6.6
VARBL			2.2	1.0	.1							3.2	10.0
CALM												10.3	
	15.0	30.4	32.7	10.8	1.0							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 E160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.0	1.2	1.5	.0								3.7	5.8
NNE	.4	1.0	.8	.1								2.2	5.9
NE	.2	.5	.5	.1								1.3	6.3
ENE	.1	.3	.6	.5								1.6	8.5
E	.6	.9	.8	.6	.1	.0						3.0	7.8
ESE	1.2	2.3	1.7	1.2	.1	.1						6.6	7.4
SE	2.1	4.4	6.6	2.7	.1							15.8	7.4
SSE	1.4	3.6	3.1	.5								8.6	6.0
S	.7	1.3	1.3	.5								3.8	6.6
SSW	.4	.9	1.2	.6	.1							3.1	7.9
SW	.4	1.4	1.8	1.3	.3	.1						5.3	9.[illegible]
WSW	.6	2.0	2.6	1.4	.2							6.7	8.2
W	1.6	6.2	5.8	1.9	.2	.0						15.7	7.3
WNW	1.4	3.1	1.5	.3	.0							6.3	5.5
NW	.9	1.4	.8	.2		.0						3.3	5.5
NNW	.6	.7	.5	.1	.0							1.9	5.4
VARBL		.0	2.0	1.7	.1	.0						3.9	11.2
CALM												7.2	
	13.5	31.1	33.0	13.7	1.3	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 6695

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 516C — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
NOV — 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		1.7	.6	.7								3.1	7.5
NNE	.1	1.5	.6									2.2	5.6
NE	.2	.6	.4	.2								1.5	6.7
ENE	.1	.7	.1	.7								1.7	8.6
E		.5	.6	.6								1.7	9.4
ESE	.7	.9	.2	.4								2.2	5.7
SE	1.0	3.3	3.0	1.4	.4							9.0	7.4
SSE	1.4	3.0	2.6	.9								7.8	6.5
S	.4	.7	.4	.6	.1							2.2	8.6
SSW	.4	.9	1.2	1.0								3.5	8.2
SW	.7	2.2	2.8	1.1	.5	.2						7.7	8.9
WSW	.4	2.0	3.1	1.6	1.2	.2						8.5	10.3
W	2.8	6.9	10.6	5.6	.4	.4						26.7	8.3
WNW	.4	2.6	1.7	.6								5.3	6.9
NW	.1	1.2	.4	.5								2.2	7.6
NNW	.5	.1	.7	.4								1.7	7.2
VARBL		.1	3.1	2.8	.6	.4						7.0	12.3
CALM												5.9	
	9.3	29.0	32.2	19.1	3.2	1.2						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	1.1	1.9	.5								3.8	7.6
NNE	.2	1.1	.6									2.0	5.6
NE	.5	.6	.1	.2								1.5	5.8
ENE	.4	.1	.1	.7								1.4	8.5
E	.4	.2	.7	.5								1.9	8.5
ESE	.9	1.1	.4	.1								2.5	4.6
SE	1.2	4.9	2.0	1.5	.1							9.8	6.5
SSE	1.2	2.3	2.7	.6								6.9	6.6
S	.4	.7	.6	.5	.4							2.6	9.0
SSW	.2	.7	1.6	.4	.1							3.1	8.4
SW	.7	1.2	3.1	1.5	.2							6.8	8.7
WSW	.5	1.1	3.3	1.6	1.1	.2						7.9	10.4
W	2.0	8.9	11.5	4.2	1.1	.1						27.8	8.1
WNW	.7	2.5	3.2	.2								6.7	6.8
NW	.2	.6	.7	.1								1.7	7.0
NNW	.5	.4	.1									1.0	3.6
VARBL			3.0	3.1	.2	.4						6.7	12.0
CALM												6.2	
	10.5	27.8	35.7	15.8	3.3	.7						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10616D (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) NOV (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		.7	1.4	.5	.2							2.7	9.0
NNE	.2	1.1	1.0									2.3	5.7
NE		1.0										1.0	5.3
ENE	.1	.9	.6	.5								2.1	7.8
E	.6	.1	.9	.4								2.0	7.4
ESE	.6	.4		.2								1.2	5.5
SE	1.6	2.8	3.5	1.1	.4							9.4	7.1
SSE	1.9	2.3	2.5	1.0								7.7	6.4
S	.2	.6	1.1	.5	.2	.1						2.8	8.8
SSW	.4	.7	.7		.4	.1						2.3	9.4
SW	.5	1.5	2.7	1.7								6.4	8.3
WSW	1.0	2.6	3.3	3.3	.6	.1						11.0	9.2
W	1.5	7.0	11.0	4.7	.7	.1						25.1	8.5
WNW	1.0	3.7	2.0	.1								6.8	5.8
NW	.5	.7	.9	.4								2.5	7.1
NNW	.9	.7	.2	.1								2.0	4.6
VARBL			2.7	2.7	.7	.1						6.3	12.3
CALM												6.4	
	11.0	27.0	34.4	17.3	3.2	.6						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1C616C	HAHN AB DL	73-81	NOV

CLASS: ALL WEATHER

HOURS (L S T): 0900-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	.6	.7	.1							3.5	7.4
NNE	.1	.6	.9	.4								2.0	7.5
NE	.1	.6	.9	.1								1.7	6.7
ENE	.1	.5	.2	.7								1.6	9.1
E	.2	.5	.4	1.0								2.1	8.9
ESE	.6	1.0	.1	.2								2.0	5.1
SE	1.0	3.3	3.2	1.1								8.6	7.2
SSE	1.1	2.6	2.7	1.2								7.7	7.2
S	.5	.7	.6	.6	.2	.1						2.8	8.7
SSW	.2	1.0	1.5	.6								3.3	7.6
SW	.2	1.4	3.5	1.4	.9							7.3	9.7
WSW	.5	1.7	3.8	2.8	.9	.1						9.9	10.3
W	1.7	7.4	10.1	4.1	.9	.1						24.3	8.3
WNW	.9	3.2	3.6	.2								7.9	6.5
NW	.4	.7	.6	.5								2.2	7.6
NNW	.2	.6	.2	.2								1.4	6.2
VARBL			5.2	2.1	.4							7.7	10.3
CALM												4.1	
	8.4	27.5	38.1	18.1	3.3	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10c160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.6	1.7	1.7	1.1								4.4	8.1
NNE	.4	.2	1.6	.1								2.3	7.2
NE	.1	.9	.5	.1								1.6	6.4
ENE	.1	.4	.7	.7								2.0	8.9
E	.4	.7	.5	.2								1.9	6.5
ESE	.9	.7	.1	.2								2.0	4.9
SE	.5	3.6	1.7	1.2								7.0	7.0
SSE	1.7	2.6	2.1	.9								7.3	6.3
S	.1	.7	.9		.1							1.9	7.0
SSW	.1	.2	1.0	1.4	.6	.1						3.5	12.6
SW	.1	.9	3.3	3.6	.1							8.0	10.5
WSW	.6	1.5	3.0	2.6	1.0							8.6	10.2
W	1.4	5.8	9.8	4.8	.6							22.3	8.6
WNW	.6	3.7	2.6	.7								7.7	6.8
NW	.4	1.4	1.6	.2								3.6	6.8
NNW	.4	.6	.4									1.4	5.2
VARBL			7.7	3.8	1.0							12.5	10.9
CALM												2.1	
	8.4	24.9	39.1	21.9	3.5	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

10E16D (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.1	1.4	2.6	1.1		.1						5.3	8.4
NNE	.2	1.4	.7	.1								2.5	5.7
NE	.1	1.2	.4	.2								2.0	6.4
ENE	.1	.4	.9	.1								1.5	7.4
E	.6	.2	.5	.4								1.7	7.4
ESE	.6	1.1	.4									2.1	4.5
SE	1.1	2.8	2.2	1.2								7.4	6.7
SSE	.7	2.1	3.5	.2								6.5	6.7
S	.1	1.1	1.0	.1								2.3	6.6
SSW	.5	.9	.7	1.9	.5	.2						4.7	11.1
SW	.9	1.5	2.6	3.0	.5							8.4	9.6
WSW	.7	2.3	3.1	3.3	.5							10.0	9.3
W	1.9	7.4	8.5	4.7	.4	.1						23.0	8.2
WNW	1.5	2.8	3.5	.2								8.0	6.4
NW	.6	.9	.6	.6	.1							2.8	7.3
NNW		.1	.5	.1	.1	.1						1.0	11.9
VARBL		.1	4.0	3.0	.9	.1						8.0	11.6
CALM												2.7	
	9.9	27.8	35.6	20.4	3.0	.7						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.2	1.1	2.1	1.0								4.4	8.4
NNE	.1	1.4	.5	.2								2.2	6.3
NE	.5	.9	.1	.1								1.6	4.9
ENE	.5	1.5	.6	.7								3.3	7.2
E		.5	.6	.2								1.4	8.5
ESE	.4	.9	.5	.1								1.9	5.5
SE	1.5	2.8	2.5	2.2								9.0	7.2
SSE	1.5	2.2	2.5	.6								6.8	6.1
	1.1	1.1	1.4	.6	.2							4.4	7.0
SSW	.5	1.4	1.2	1.6	.4	.2						5.3	10.1
SW	.5	1.6	1.5	2.0	.6							6.2	9.7
WSW	1.0	2.6	4.3	3.5	.6	.1						12.1	9.3
W	1.6	6.9	6.7	4.3	.5	.2						20.2	8.3
WNW	.6	2.6	3.1	.4	.1							6.8	7.0
NW	.5	1.0	.7	.5								2.7	7.2
NNW		.1	.6			.1						.9	10.3
VARBL		.2	3.2	2.8	.5	.2						7.0	11.9
CALM												3.7	
	10.5	28.8	32.1	21.0	3.0	1.0						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
106160	HAHN AB DL	73-81	NOV

CLASS: ALL WEATHER

HOURS (L S T): 2100-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.7	.6								3.8	7.5
NNE	.2	.9	1.0	.1								2.2	6.2
NE	.4	.2	.1	.1								.9	5.1
ENE	.1	1.2	1.2	.2								2.8	7.2
E		.2	.9	.9								2.0	9.9
ESE	.6	1.0	.2									1.9	4.8
SE	.9	3.6	2.3	2.0								8.8	7.3
SSE	1.1	2.1	2.7	.1								6.0	6.3
S	.4	1.2	.9	.5								3.0	6.8
SSW	.2	1.1	1.1	.6	.5	.2						3.8	10.3
SW	.2	1.1	2.5	1.2	.2	.2						5.6	10.1
WSW	1.2	3.0	3.3	4.3	.5							12.3	9.2
W	2.6	7.3	7.5	5.7	1.0							24.1	8.5
WNW	.6	2.6	2.6	1.4								7.2	7.6
NW	.1	1.4	1.5	.4								3.3	7.9
NNW	.1	.6	.5		.1							1.4	7.2
VARBL		.1	2.5	2.1	1.1	.4						6.2	13.0
CALM												4.8	
	9.4	28.6	32.6	20.2	3.5	.9						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
10160	HAHN AB OL	73-81	NOV

CLASS: ALL WEATHER

HOURS (L S T): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	1.6	.8	.0	.0						3.9	8.0
NNE	.2	1.0	.9	.1								2.2	6.2
NE	.2	.8	.3	.2								1.5	6.0
ENE	.2	.7	.6	.6								2.1	7.9
E	.3	.4	.6	.5								1.8	8.3
ESE	.7	.9	.2	.2								2.0	5.0
SE	1.1	3.4	2.5	1.5	.1							8.6	7.1
SSE	1.3	2.4	2.7	.7								7.1	6.5
S	.4	.9	.8	.4	.2	.0						2.8	7.8
SSW	.3	.9	1.1	.9	.3	.1						3.7	9.8
SW	.5	1.4	2.7	1.9	.4	.1						7.0	9.4
WSW	.7	2.1	3.4	2.9	.8	.1						10.0	9.7
W	1.9	7.2	9.5	4.8	.7	.1						24.2	8.3
WNW	.8	3.0	2.8	.5	.0							7.0	6.7
NW	.4	1.0	.9	.4	.0							2.6	7.3
NNW	.3	.4	.4	.1	.0	.0						1.3	6.7
VARBL		.1	3.9	2.8	.7	.2						7.7	11.7
CALM												4.5	
	9.7	27.7	35.0	19.2	3.2	.7						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 6482

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — 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	.7	1.2	1.2	.5	.1							3.7	7.1
NNE	.2	.8	.4	.1								1.6	6.2
NE	.1	.5	.4	.1								1.1	6.7
ENE		.2	.4	.4								1.0	8.8
E	.4	1.6	.8	.4								3.1	6.6
ESE	.5	1.0	2.3	.6								4.3	7.6
SE	1.0	1.7	5.1	3.8	.8							12.4	9.7
SSE	.5	1.8	2.5	2.2								6.9	8.5
S	.1	.6	.7	.4								1.8	7.8
SSW	.2	.4	.8	.7		.1						2.3	9.6
SW	.1	1.7	1.3	2.3	.4							5.7	10.1
WSW	.1	2.4	4.1	3.5	1.6	.1						11.7	10.8
W	.5	5.1	11.2	5.1	.6	.1						22.7	9.3
WNW	1.1	1.4	2.5	1.3	.1							6.5	8.2
NW	.5	.5	1.0	.8								2.7	8.3
NNW	.2	.4	.1	.4								1.1	7.3
VARBL			3.8	2.2	.1							6.1	10.6
CALM												5.4	
	6.2	21.1	38.6	24.6	3.7	.4						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6167 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.6	.8	1.3	.2								3.0	6.4
NNE	.5	.7	.4	.2								1.8	5.8
NE	.2	.1	.5									.8	6.4
ENE		.5	.2	.5								1.2	9.4
E		.7	1.3	.5								2.5	8.3
ESE	.8	2.0	1.9	.6								5.4	6.9
SE	.7	2.9	4.2	3.9	.7							12.4	9.6
SSE	1.1	1.1	2.2	2.2								6.5	8.4
S	.4	.2	.2	.4	.2							1.4	9.7
SSW	.6	.6	1.0	1.7								3.8	9.6
SW	.2	1.4	1.2	1.9	.8	.2						5.9	11.2
WSW	.6	1.8	4.1	3.5	1.1	.1						11.1	10.5
W	.7	6.1	11.1	4.8	.4	.1						23.2	8.8
WNW	1.0	1.2	2.3	.7								5.1	7.2
NW	.8	.4	.4	1.2	.1							2.9	8.3
NNW	.4	.4	.1	1.3	.1							2.3	10.3
VARBL			3.3	1.9	.4	.1						5.7	11.2
CALM												5.0	
	8.6	20.9	35.6	25.4	3.8	.6						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.7	1.1	.2	.7								2.7	6.4
NNE		.7	.8	.4								1.9	7.8
NE	.4	.2	.5									1.1	5.7
ENE		.4	.4	.5								1.2	9.4
E	.1	.8	.8	.2								2.0	7.3
ESE	.6	1.3	2.3	1.2								5.4	8.2
SE	1.7	2.6	4.3	3.5	.2							12.3	8.4
SSE	.8	2.2	2.5	1.7	.1							7.3	7.9
S	.2	.4	.4	.6	.2							1.8	9.8
SSW	.6	.2	.2	1.6	.6							3.2	11.2
SW	.1	1.1	2.2	2.5	.5	.1						6.5	10.8
WSW	1.4	2.6	2.9	3.3	1.6	.1						11.9	9.9
W	1.2	6.1	10.3	5.4	.6	.2						23.8	8.8
WNW	.8	1.7	2.3	.6								5.4	6.9
NW	.2	.4	.6	1.4								2.6	10.0
NNW		.1	.2	.2	.1							.7	11.2
VARBL		.1	2.5	2.7	.2	.2	.1					6.0	12.1
CALM												4.2	
	9.0	22.0	33.3	26.5	4.2	.7	.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.2	1.2	.6									2.0	5.4
NNE		.5	.8	.1								1.4	8.4
NE	.2	.5	.7									1.4	6.8
ENE	.2		.8	.4								1.4	9.3
E	.6	1.1	1.0	.1	.1							2.9	6.9
ESE	.5	1.9	1.8	1.7								5.9	8.3
SE	.7	2.6	4.7	2.9	.4							11.2	9.2
SSE	.8	1.3	1.9	3.5								7.5	9.4
S		.2	.4	.6	.2	.1						1.6	12.5
SSW	.1	.2	.1	1.1	.4	.4						2.3	14.8
SW	.4	.7	1.3	1.9	.4	.2						4.9	10.8
WSW	.2	2.5	3.0	3.1	.5	.1						9.4	9.9
W	.7	5.5	13.7	6.1	1.7	.4						28.1	9.6
WNW	.5	1.1	2.0	.1	.1							3.8	7.3
NW	.4	.7	1.1	.7								2.9	7.9
NNW	.1	.2	.5									.8	6.3
VARBL			3.2	3.5	.8	.1						7.6	12.2
CALM												4.8	
	5.7	20.3	37.6	25.7	4.5	1.3						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.5	.7	1.2	.2								2.6	6.8
NNE		1.0	1.2		.1							2.3	7.6
NE	.1	.6	.2	.1								1.1	6.3
ENE	.1	.2	.8	.4								1.6	8.7
E	.1	.6	1.6	.5								2.7	8.7
ESE	.5	2.0	1.3	1.2	.1							5.1	7.7
SE	.6	3.2	5.0	3.7	.6							13.1	9.0
SSE	1.0	.5	2.0	1.9								5.4	8.7
S	.5	.4	1.0	.4								2.2	7.6
SSW	.2	.1	.5	.8		.5						2.2	13.4
SW	.2	.5	.8	1.4	.5	.1						3.6	11.4
WSW	.5	1.9	3.5	5.0	.5	.1						11.5	10.6
W	1.3	5.5	9.3	6.5	2.0	.4						25.0	9.8
WNW	.5	2.3	2.9	.5		.1						6.2	7.3
NW	.5	.8	1.4	.7								3.5	7.9
NNW	.1	.4	.6	.1	.1							1.3	8.0
VARBL			3.1	4.8	.7	.1						8.7	12.4
CALM												2.0	
	6.7	20.7	36.4	28.2	4.7	1.3						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 -162 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	.7	.7	1.6	.4	.2							3.6	7.8
NNE	.2	1.6		.4								2.2	6.1
NE	.4	.8	.8	.4								2.4	6.9
ENE	.1	.6	.4									1.1	6.1
E	.1	.7	1.7	.1								2.6	7.2
ESE	1.0	.8	1.8	1.1	.1							4.8	7.9
SE	1.2	2.9	3.1	4.7								11.8	8.7
SSE	.2	1.2	1.8	1.6	.1							4.9	8.6
S	.4	1.0		.5								1.8	6.4
SSW	.2	.5	.5	.7	.4							2.3	10.0
SW	.5	.5	1.7	2.7	.6							6.0	11.0
WSW	.4	1.7	4.1	4.7	1.0							11.7	10.4
W	2.0	6.2	8.4	5.7	.7	.2						23.3	8.7
WNW	1.1	3.0	1.9	.7	.2							6.9	6.8
NW	.4	.7	1.2	.2	.2							2.7	8.5
NNW	.1	.7	.2	.1								1.2	5.9
VARBL			2.9	4.2	.8	.1						8.0	12.5
CALM												2.7	
	9.0	23.5	31.9	28.1	4.4	.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 66 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	DEC

CLASS: ALL WEATHER

HOURS (LST): 1800-2000

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.2	.8								3.5	7.9
NNE	.4	.4	.8	.4								1.9	7.8
NE	1.0	.7	.5									2.2	4.3
ENE	.7	.7	.8	.1								2.4	6.2
E	.4	.8	1.8									3.0	6.7
ESE	.4	.6	1.8	1.2	.1							4.1	9.2
SE	.8	2.0	4.8	4.1	.4							12.1	9.3
SSE	.2	1.2	1.9	2.5								5.9	9.5
S	.5	.7	.4	.7								2.3	7.9
SSW	.2	.2	.6	1.0	.2	.2						2.5	12.0
SW	.5	.5	1.4	2.9	.7	.2						6.2	12.1
WSW	.7	2.0	4.1	4.4	.2							11.5	9.7
W	2.6	5.4	10.3	4.3	.8	.1						23.5	8.5
WNW	1.4	2.0	1.6	.7								5.7	6.4
NW		.4	.7	.6								1.7	9.6
NNW			.4	.5		.1						1.0	13.4
VARBL			1.7	3.7	1.0	.1						6.5	13.5
CALM												4.3	
	10.3	18.6	34.6	27.8	3.5	.8						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 c16C — STATION
HAHN AB DL — STATION NAME
73-81 — 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	.2	.7	1.1	.8								2.9	8.5
NNE	.7	.6	.5	.1								1.9	5.4
NE	.1	.1	.1	.4								.7	8.7
ENE	.1	1.0	.1	.2								1.4	6.3
E	.4	1.7	.6	.5								3.1	6.8
ESE	.4	1.2	1.4	.6	.1							3.7	8.3
SE	1.9	2.3	4.7	5.1	.4							14.3	9.1
SSE	.5	2.0	1.6	2.0								6.1	8.8
S	.1	.5	.8	.4								1.8	8.6
SSW	.4	.2	.6	1.0	.2							2.4	10.2
SW	.1	2.0	1.9	2.2	.7							6.9	10.1
WSW	.8	2.2	2.0	4.2	.7							9.9	10.0
W	1.0	6.1	9.2	7.8	.7							24.7	9.1
WNW	.6	1.2	2.0	1.0								4.8	8.2
NW	.1	.5	.8	.8								2.3	8.8
NNW	.2	.6	.4	.4								1.6	7.2
VARBL		.1	2.6	2.3	.6							5.6	11.7
CALM												5.9	
	7.6	22.9	30.5	29.6	3.5							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — 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	.9	1.0	.5	.0							3.0	7.1
NNE	.3	.8	.6	.2	.0							1.9	6.8
NE	.3	.4	.5	.1								1.3	6.2
ENE	.2	.4	.5	.3								1.4	7.8
E	.3	1.0	1.2	.3	.0							2.7	7.3
ESE	.6	1.4	1.8	1.0	.1							4.8	8.0
SE	1.1	2.5	4.5	4.0	.4							12.5	9.1
SSE	.6	1.4	2.0	2.2	.0							6.3	8.7
S	.3	.5	.5	.5	.1	.0						1.8	8.6
SSW	.3	.3	.5	1.1	.2	.1						2.6	11.2
SW	.3	1.0	1.5	2.2	.6	.1						5.7	10.9
WSW	.6	2.1	3.4	4.0	.9	.1						11.1	10.2
W	1.3	5.7	10.4	5.7	.9	.2						24.3	9.1
WNW	.9	1.7	2.2	.7	.1	.0						5.6	7.3
NW	.4	.5	.9	.8	.0							2.7	8.6
NNW	.1	.3	.3	.4	.0	.0						1.2	8.7
VARBL		.7	2.9	3.2	.6	.1	.0					6.8	12.1
CALM												4.3	
	7.9	21.3	34.8	27.0	4.0	.7	.0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 6696

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	1.8	.3	.0	.0						5.6	6.0
NNE	.5	1.7	1.2	.2	.0							3.6	6.2
NE	.4	.9	.8	.3	.0							2.4	6.6
ENE	.4	.8	1.1	.4	.0	.0	.0					2.7	7.3
E	.9	1.5	1.3	.5	.1	.0						4.3	6.6
ESE	1.4	2.1	1.4	.7	.1	.0						5.6	6.3
SE	1.5	3.0	3.2	1.4	.1	.0						9.2	7.0
SSE	1.1	1.8	1.7	.5	.0							5.2	6.2
S	.6	1.0	.8	.4	.0	.0						2.8	6.6
SSW	.4	.7	.9	.7	.1	.0						2.9	8.6
SW	.4	1.3	1.7	1.3	.2	.1	.0					4.9	9.0
WSW	.9	2.2	2.7	1.7	.3	.0	.0					7.9	8.4
W	2.0	6.1	6.6	2.7	.3	.0	.0	.0				17.7	7.5
WNW	1.3	2.7	1.8	.3	.0	.0						6.2	5.9
NW	.7	1.4	1.1	.3	.0	.0						3.6	6.2
NNW	.6	1.0	.6	.2	.0	.0						2.4	5.7
VARBL	.0	.1	3.9	2.1	.3	.1	.0					6.5	10.6
CALM												6.7	
	14.2	30.8	32.5	14.0	1.6	.3	.0	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 78870

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 616C (STATION) HAHN AB OL (STATION NAME) 73-81 (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	.9	2.2	2.3	.7	.0	.0						6.2	6.7
NNE	.3	1.3	1.4	.2	.0							3.3	6.7
NE	.3	.8	1.1	.4	.0							2.7	7.4
ENE	.3	.6	1.1	.4	.0							2.3	7.6
E	.5	.8	.8	.3	.0							2.4	6.6
ESE	.7	1.3	.9	.6	.1	.0						3.5	7.0
SE	1.0	2.2	2.8	1.6	.1							7.8	7.8
SSE	.8	1.3	1.5	.5	.0							4.2	6.8
S	.4	.5	.5	.3	.0	.0						1.7	7.3
SSW	.2	.4	.6	.7	.1	.0						2.1	9.8
SW	.3	1.0	1.7	1.7	.3	.1						5.1	10.2
WSW	.6	1.9	3.5	2.8	.6	.1	.0					9.5	9.7
W	1.5	6.4	9.8	5.0	.7	.1	.0					23.5	8.6
WNW	1.2	2.9	2.8	.5	.1	.0						7.5	6.6
NW	.7	1.5	1.4	.5	.0	.0						4.2	6.7
NNW	.5	.9	.7	.3	.0	.0						2.4	6.5
VARBL		.0	3.6	2.8	.5	.1	.0					7.1	11.5
CALM												4.5	
	10.1	26.0	36.7	19.4	2.7	.5	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 20920

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 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 ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	5.9	9.0	9.1	9.5	11.0	11.0	12.1	12.5	12.9	13.8	14.1	14.3	14.7	15.3	15.9	16.3
≥ 20000	6.7	10.2	10.4	10.8	12.6	12.6	13.8	14.3	14.7	15.6	15.9	16.0	16.5	17.2	17.8	18.2
≥ 18000	6.7	10.2	10.4	10.8	12.6	12.6	13.8	14.3	14.7	15.6	15.9	16.0	16.5	17.2	17.8	18.2
≥ 16000	6.7	10.2	10.4	10.8	12.6	12.6	13.8	14.3	14.7	15.6	15.9	16.0	16.5	17.2	17.8	18.2
≥ 14000	6.7	10.2	10.4	10.8	12.6	12.6	13.8	14.3	14.7	15.6	15.9	16.0	16.5	17.2	17.8	18.2
≥ 12000	6.8	10.3	10.5	10.9	12.7	12.7	13.9	14.4	14.9	15.7	16.0	16.2	16.6	17.4	18.0	18.3
≥ 10000	6.8	10.3	10.5	11.0	12.9	12.9	14.1	14.6	15.1	15.9	16.3	16.4	16.9	17.6	18.2	18.6
≥ 9000	6.9	10.4	10.7	11.1	13.1	13.1	14.3	14.7	15.2	16.0	16.4	16.5	17.0	17.7	18.3	18.7
≥ 8000	7.7	11.7	12.0	12.6	14.6	14.7	16.2	16.6	17.2	18.1	18.4	18.6	19.0	19.8	20.4	20.7
≥ 7000	7.8	11.9	12.1	12.7	15.0	15.1	16.5	17.0	17.6	18.4	18.8	18.9	19.4	20.1	20.7	21.1
≥ 6000	7.9	12.0	12.2	12.8	15.3	15.4	16.9	17.4	18.0	18.8	19.2	19.3	19.8	20.5	21.1	21.4
≥ 5000	8.5	12.6	12.8	13.4	16.2	16.3	17.7	18.2	18.8	19.6	20.0	20.1	20.6	21.3	22.2	22.5
≥ 4500	9.[illegible]	13.1	13.3	13.9	16.6	16.8	18.2	18.7	19.3	20.1	20.5	20.6	21.1	21.8	22.6	23.0
≥ 4000	9.8	14.0	14.3	15.2	18.0	18.1	19.5	20.0	20.6	21.4	21.8	21.9	22.4	23.1	24.0	24.3
≥ 3500	10.5	14.9	15.1	16.0	18.9	19.0	20.6	21.4	22.2	23.2	23.6	23.7	24.2	24.9	25.7	26.1
≥ 3000	12.2	16.9	17.2	18.7	21.6	21.7	23.4	24.2	24.9	26.2	26.6	26.7	27.2	27.9	28.7	29.1
≥ 2500	14.4	20.0	20.7	22.2	25.4	25.5	27.2	28.0	28.7	30.1	30.4	30.5	31.0	31.7	32.6	32.9
≥ 2000	16.3	23.7	24.8	26.6	30.1	30.2	31.9	32.8	33.5	34.9	35.2	35.3	35.8	36.5	37.4	37.7
≥ 1800	18.0	25.0	26.1	27.9	31.4	31.5	33.2	34.1	34.9	36.2	36.5	36.6	37.1	37.8	38.7	39.0
≥ 1500	20.8	28.9	30.1	32.7	37.0	37.1	38.8	39.9	40.6	41.9	42.3	42.4	42.9	43.6	44.4	44.8
≥ 1200	23.8	32.5	33.9	37.0	41.7	41.8	43.8	45.0	45.7	47.1	47.4	47.5	48.0	48.7	49.6	49.9
≥ 1000	25.6	36.0	37.6	41.6	47.1	47.3	49.3	50.5	51.4	52.9	53.3	53.4	54.0	54.7	55.6	55.9
≥ 900	25.6	36.3	37.8	41.9	48.4	48.6	50.7	51.9	52.7	54.3	54.6	54.7	55.3	56.2	57.0	57.4
≥ 800	26.3	37.2	39.2	44.2	51.3	51.5	53.5	55.2	56.0	58.0	58.3	58.4	59.0	59.9	60.7	61.1
≥ 700	26.7	37.8	40.7	46.2	53.9	54.3	56.6	58.4	59.3	61.2	61.6	61.7	62.3	63.1	64.0	64.3
≥ 600	26.7	38.7	41.9	48.1	56.5	56.9	59.5	61.6	62.4	64.4	64.8	64.9	65.5	66.3	67.2	67.5
≥ 500	26.8	39.4	42.8	49.3	58.9	59.3	62.8	65.1	66.1	68.1	68.5	68.6	69.2	70.1	70.9	71.3
≥ 400	27.3	40.2	43.6	50.5	61.2	61.6	65.4	68.6	69.6	72.1	72.5	72.9	73.5	74.4	75.2	75.6
≥ 300	27.4	40.4	43.7	50.8	62.9	63.2	68.3	72.8	74.0	77.7	78.2	78.8	80.1	81.0	81.8	82.2
≥ 200	27.5	40.6	44.0	51.1	63.6	64.0	69.1	74.7	76.5	80.8	81.6	82.5	84.4	86.2	87.3	88.0
≥ 100	27.5	40.6	44.0	51.4	64.1	64.4	69.9	75.9	78.2	83.0	83.7	84.8	87.2	90.2	94.4	98.1
≥ 0	27.5	40.6	44.0	51.4	64.1	64.4	69.9	75.9	78.2	83.0	83.7	84.9	87.3	90.3	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 835

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 [illegible] HAHN AB DL 73-81 JAN

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	4.7	6.9	7.6	8.0	9.2	9.2	10.3	10.5	11.0	11.7	11.9	11.9	12.0	12.3	12.8	12.9
≥ 20000	5.3	7.5	8.3	8.7	10.3	10.3	11.5	11.9	12.3	13.1	13.2	13.2	13.3	13.7	14.1	14.4
≥ 18000	5.3	7.6	8.5	8.9	10.5	10.5	11.7	12.1	12.6	13.3	13.4	13.4	13.5	13.9	14.4	14.6
≥ 16000	5.3	7.7	8.6	9.1	10.6	10.6	11.9	12.2	12.7	13.4	13.5	13.5	13.7	14.0	14.5	14.8
≥ 14000	5.3	7.7	8.6	9.1	10.6	10.6	11.9	12.2	12.7	13.4	13.5	13.5	13.7	14.0	14.5	14.8
≥ 12000	5.3	7.7	8.6	9.1	10.6	10.6	11.9	12.2	12.7	13.4	13.5	13.5	13.7	14.0	14.5	14.8
≥ 10000	5.6	8.0	8.8	9.3	11.1	11.1	12.3	12.7	13.2	13.9	14.0	14.0	14.1	14.5	15.0	15.4
≥ 9000	5.7	8.1	8.9	9.4	11.2	11.2	12.5	12.8	13.3	14.0	14.1	14.1	14.5	14.9	15.4	15.7
≥ 8000	6.4	8.9	10.0	10.5	12.6	12.6	13.8	14.1	14.6	15.4	15.5	15.5	16.0	16.3	16.8	17.2
≥ 7000	6.8	9.3	10.4	10.9	13.3	13.3	14.5	14.9	15.4	16.1	16.2	16.2	16.7	17.0	17.5	17.9
≥ 6000	6.8	9.3	10.4	10.9	13.3	13.3	14.5	14.9	15.4	16.1	16.2	16.2	16.7	17.0	17.5	17.9
≥ 5000	7.5	10.3	11.4	11.9	14.3	14.3	15.6	16.0	16.4	17.2	17.3	17.4	17.9	18.3	18.7	19.1
≥ 4500	8.2	11.0	12.1	12.6	15.0	15.0	16.3	16.7	17.2	17.9	18.0	18.1	18.6	19.1	19.6	20.0
≥ 4000	9.8	12.9	14.1	15.1	17.5	17.5	19.1	19.5	20.0	20.7	20.9	21.0	21.5	22.0	22.5	22.9
≥ 3500	10.3	13.5	14.8	16.0	19.0	19.0	20.6	21.3	21.8	22.6	22.9	23.0	23.5	23.9	24.4	24.8
≥ 3000	11.4	14.9	16.2	17.9	21.2	21.2	23.0	23.7	24.2	25.0	25.3	25.4	25.9	26.4	26.8	27.2
≥ 2500	12.9	16.9	18.9	20.6	23.9	23.9	25.9	26.6	27.1	28.1	28.3	28.4	28.9	29.6	30.1	30.5
≥ 2000	14.5	18.7	20.7	22.6	26.2	26.2	28.3	29.3	29.7	30.7	31.0	31.1	31.6	32.3	32.8	33.1
≥ 1800	15.5	20.1	22.0	24.1	27.8	27.8	29.9	30.8	31.3	32.3	32.5	32.6	33.1	33.9	34.3	34.7
≥ 1500	17.7	23.0	25.0	27.7	32.2	32.3	34.3	35.4	35.9	37.0	37.2	37.4	37.8	38.6	39.1	39.4
≥ 1200	20.4	26.7	28.8	32.0	37.7	37.8	39.9	41.0	41.5	42.6	42.9	43.0	43.5	44.3	44.7	45.1
≥ 1000	22.2	29.4	31.4	35.6	41.7	41.8	43.9	45.0	45.5	46.8	47.2	47.3	47.8	48.5	49.0	49.3
≥ 900	22.9	30.4	32.4	36.5	43.5	43.7	45.9	47.0	47.5	48.9	49.2	49.3	49.8	50.5	51.0	51.4
≥ 800	23.6	31.7	34.3	38.7	46.1	46.3	48.9	49.9	50.4	51.8	52.1	52.2	52.7	53.6	54.1	54.4
≥ 700	24.2	32.8	36.0	40.9	49.6	49.8	52.8	54.1	54.5	55.9	56.2	56.3	56.8	57.7	58.2	58.5
≥ 600	25.4	34.1	37.4	42.3	52.5	52.7	56.3	57.8	58.3	59.7	60.1	60.2	60.7	61.5	62.0	62.4
≥ 500	25.9	35.3	38.7	44.1	57.0	57.3	61.4	63.2	63.7	65.4	65.9	66.0	66.6	67.5	68.0	68.3
≥ 400	26.4	36.0	39.5	45.1	59.5	60.0	64.4	66.6	67.4	69.5	70.3	70.4	71.3	72.2	72.7	73.0
≥ 300	26.4	36.0	39.5	45.2	60.3	60.9	67.6	70.6	71.6	74.0	74.7	75.1	76.1	77.0	77.5	77.9
≥ 200	26.4	36.0	39.5	45.5	61.3	62.0	69.3	73.2	74.2	78.0	79.3	79.9	81.3	83.2	84.4	85.0
≥ 100	26.4	36.0	39.5	45.5	61.8	62.5	70.6	74.7	76.1	80.9	82.3	83.2	84.9	89.1	94.1	97.6
≥ 0	26.4	36.0	39.5	45.5	61.8	62.5	70.6	74.7	76.1	80.9	82.5	83.3	85.1	89.4	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 827

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6167 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥¾	≥½	≥⅜	≥¼	≥	≥5/16	≥⅛	≥0
NO CEILING	5.4	6.0	6.6	8.3	10.1	10.2	11.0	11.3	11.7	12.2	12.2	12.2	12.2	12.7	13.0	13.0
≥ 20000	5.8	6.8	7.4	9.1	11.1	11.2	11.9	12.3	12.7	13.2	13.2	13.2	13.2	13.6	14.0	14.0
≥ 18000	5.8	6.8	7.4	9.4	11.4	11.6	12.3	12.7	13.0	13.5	13.5	13.5	13.5	14.0	14.4	14.4
≥ 16000	5.8	6.8	7.4	9.6	11.7	11.8	12.5	12.9	13.3	13.8	13.8	13.8	13.8	14.3	14.6	14.6
≥ 14000	6.0	6.9	7.6	9.7	11.8	11.9	12.7	13.0	13.5	14.0	14.0	14.0	14.0	14.5	14.9	14.9
≥ 12000	6.0	6.9	7.6	9.7	11.8	11.9	12.7	13.0	13.5	14.0	14.0	14.0	14.0	14.5	14.9	14.9
≥ 10000	6.3	7.3	7.9	10.1	12.3	12.4	13.2	13.5	14.0	14.5	14.5	14.5	14.5	15.0	15.3	15.3
≥ 9000	6.6	7.6	8.2	10.4	12.5	12.7	13.4	13.8	14.3	14.7	14.7	14.7	15.0	15.5	15.8	15.8
≥ 8000	6.6	7.7	8.4	10.6	12.9	13.0	13.8	14.3	14.7	15.2	15.2	15.2	15.5	16.0	16.3	16.3
≥ 7000	7.3	8.5	9.3	11.4	13.9	14.0	14.7	15.2	15.7	16.2	16.2	16.2	16.4	16.9	17.5	17.5
≥ 6000	7.3	8.5	9.3	11.6	14.0	14.1	14.9	15.3	15.8	16.3	16.3	16.3	16.6	17.1	17.7	17.7
≥ 5000	7.8	9.1	9.9	12.2	14.6	14.7	15.5	16.0	16.4	16.9	16.9	16.9	17.2	17.7	18.3	18.3
≥ 4500	8.[illegible]	9.4	10.1	12.4	14.9	15.0	15.7	16.2	16.7	17.2	17.2	17.2	17.4	17.9	18.5	18.5
≥ 4000	9.3	11.0	11.7	14.1	16.6	16.7	17.4	17.9	18.4	19.0	19.0	19.0	19.2	19.7	20.3	20.3
≥ 3500	9.9	11.8	12.5	15.0	17.8	17.9	18.6	19.4	19.9	20.5	20.5	20.5	20.7	21.3	21.9	21.9
≥ 3000	10.5	12.7	13.4	16.1	19.4	19.5	20.3	21.1	21.6	22.2	22.2	22.2	22.4	23.0	23.6	23.6
≥ 2500	12.1	14.4	15.8	18.5	22.0	22.2	23.0	23.8	24.2	24.8	24.8	25.0	25.2	25.9	26.7	26.7
≥ 2000	14.4	16.8	18.6	21.3	25.0	25.1	26.1	26.8	27.3	27.9	27.9	28.0	28.3	29.0	29.7	29.7
≥ 1800	15.5	17.9	20.0	22.7	26.3	26.4	27.8	28.5	29.0	29.6	29.6	29.7	30.0	30.7	31.4	31.4
≥ 1500	18.5	23.0	25.3	28.5	32.4	32.6	34.1	35.1	35.7	36.3	36.3	36.5	36.9	37.6	38.4	38.4
≥ 1200	19.7	24.8	27.5	31.2	35.9	36.3	38.2	39.2	39.8	40.4	40.4	40.7	41.0	41.8	42.5	42.5
≥ 1000	21.2	26.6	29.6	33.5	38.7	39.1	41.0	42.0	42.6	43.6	43.6	43.8	44.2	44.9	45.7	45.7
≥ 900	22.2	27.5	30.6	34.6	40.8	41.2	43.4	44.3	44.9	45.9	45.9	46.3	46.7	47.4	48.1	48.1
≥ 800	23.6	29.4	32.8	37.3	44.5	44.8	47.4	48.4	49.0	50.1	50.2	50.5	50.9	51.6	52.4	52.4
≥ 700	24.6	30.6	34.0	38.7	46.7	47.0	49.9	51.0	51.6	52.9	53.0	53.3	54.0	54.7	55.4	55.4
≥ 600	25.8	32.0	35.6	40.4	49.9	50.3	54.0	55.2	55.9	57.2	57.4	57.7	58.5	59.2	59.9	60.0
≥ 500	26.8	33.3	37.4	43.0	53.8	54.2	58.7	60.0	60.8	62.5	62.9	63.2	63.9	64.7	65.4	65.5
≥ 400	26.8	33.9	38.2	44.1	56.5	56.9	62.7	64.4	65.2	67.5	68.1	68.5	69.4	70.2	70.9	71.0
≥ 300	27.3	34.3	39.1	45.2	59.8	60.4	66.7	69.2	70.0	72.8	73.4	73.8	75.2	76.1	76.9	77.0
≥ 200	27.4	34.8	39.7	45.9	61.1	61.8	68.9	71.9	73.2	77.2	78.2	78.8	80.8	83.8	85.9	86.2
≥ 100	27.4	34.8	39.7	46.0	61.3	61.9	69.2	72.6	74.4	78.9	80.1	81.5	83.8	88.3	93.9	97.9
≥ 0	27.4	34.8	39.7	46.0	61.3	61.9	69.2	72.6	74.4	78.9	80.1	81.5	83.9	88.9	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 821

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 0160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	3.7	5.8	6.7	7.6	8.7	8.7	8.9	9.5	10.0	10.5	10.8	10.8	11.1	11.3	11.8	11.9
≥ 20000	5.5	7.8	9.0	10.0	11.2	11.2	11.4	12.0	12.5	13.2	13.7	13.8	14.3	14.9	15.4	15.5
≥ 18000	5.5	7.8	9.0	10.0	11.2	11.2	11.4	12.0	12.5	13.2	13.8	14.0	14.4	15.0	15.5	15.6
≥ 16000	5.7	7.9	9.1	10.1	11.3	11.3	11.6	12.2	12.6	13.4	14.0	14.1	14.6	15.2	15.6	15.8
≥ 14000	5.8	8.1	9.3	10.2	11.4	11.4	11.7	12.4	12.9	13.6	14.2	14.3	14.8	15.4	15.9	16.0
≥ 12000	6.1	8.4	9.7	10.7	11.9	11.9	12.2	12.9	13.4	14.1	14.7	14.8	15.3	15.9	16.4	16.5
≥ 10000	6.1	8.8	10.1	11.1	12.4	12.4	12.6	13.4	13.8	14.6	15.2	15.3	15.8	16.4	16.8	17.1
≥ 9000	6.1	8.8	10.1	11.1	12.4	12.4	12.6	13.4	13.8	14.6	15.2	15.3	15.8	16.4	16.8	17.1
≥ 8000	6.6	9.4	10.7	11.7	13.1	13.1	13.4	14.1	14.6	15.3	15.9	16.0	16.6	17.3	17.8	18.1
≥ 7000	6.9	9.6	11.0	11.9	13.4	13.4	13.6	14.3	14.8	15.5	16.1	16.2	16.8	17.6	18.3	18.5
≥ 6000	6.9	9.6	11.0	11.9	13.4	13.4	13.6	14.4	14.9	15.6	16.2	16.4	17.0	17.7	18.4	18.7
≥ 5000	7.3	10.1	11.4	12.4	13.8	13.8	14.1	14.9	15.4	16.1	16.7	16.8	17.4	18.2	18.9	19.1
≥ 4500	7.5	10.2	11.6	12.5	14.0	14.0	14.2	15.0	15.5	16.2	16.8	17.0	17.6	18.3	19.0	19.3
≥ 4000	8.5	11.7	13.2	14.3	16.2	16.2	16.7	17.7	18.2	18.9	19.5	19.6	20.2	20.9	21.7	21.9
≥ 3500	9.6	13.1	14.7	15.8	18.3	18.3	18.8	20.1	20.6	21.3	21.9	22.0	22.6	23.3	24.1	24.3
≥ 3000	10.6	14.3	16.2	17.4	20.6	20.6	21.2	22.5	23.0	23.9	24.5	24.7	25.4	26.1	26.8	27.1
≥ 2500	12.0	16.1	18.3	19.5	23.2	23.2	24.1	25.4	25.9	26.8	27.4	27.6	28.3	29.0	29.7	30.0
≥ 2000	15.4	20.1	22.5	23.8	27.8	27.8	28.8	30.3	30.8	31.8	32.4	32.6	33.3	34.1	34.8	35.0
≥ 1800	16.6	21.5	24.1	25.5	29.7	29.7	30.7	32.3	32.7	33.8	34.4	34.7	35.4	36.1	36.8	37.1
≥ 1500	19.3	24.9	27.9	29.6	33.9	33.9	35.0	36.6	37.2	38.4	39.0	39.4	40.1	40.8	41.5	41.9
≥ 1200	21.7	28.6	32.0	33.9	38.3	38.3	39.6	41.2	41.9	43.2	43.8	44.2	44.9	45.6	46.3	46.7
≥ 1000	23.1	30.1	33.8	36.2	40.9	40.9	42.7	44.3	45.0	46.3	46.9	47.3	48.1	48.9	49.6	50.1
≥ 900	23.6	30.7	34.7	37.3	42.0	42.0	44.0	45.8	46.6	47.9	48.5	48.9	49.7	50.4	51.1	51.6
≥ 800	24.7	32.5	36.7	39.7	45.1	45.1	47.4	49.6	50.3	51.6	52.3	52.7	53.5	54.3	55.0	55.5
≥ 700	24.9	33.0	37.4	40.4	46.2	46.2	48.6	50.8	51.5	53.7	54.4	54.8	55.6	56.3	57.0	57.5
≥ 600	25.5	33.9	38.7	42.1	49.0	49.1	51.6	54.2	55.0	57.3	58.0	58.5	59.3	60.0	60.8	61.3
≥ 500	25.9	34.7	39.6	43.4	50.7	50.8	53.5	56.7	57.5	60.6	61.4	62.0	62.9	63.8	64.5	65.1
≥ 400	26.2	35.1	40.3	44.4	52.3	52.5	56.6	60.2	61.0	64.6	65.6	66.2	67.3	68.2	69.2	70.0
≥ 300	26.4	35.5	40.7	44.8	54.0	54.2	59.6	64.0	65.2	69.7	70.9	71.5	73.3	74.4	75.3	76.3
≥ 200	26.4	35.5	40.8	44.9	54.4	54.5	60.3	65.8	68.0	73.2	74.7	75.6	77.9	81.1	83.6	85.3
≥ 100	26.4	35.5	40.8	44.9	54.4	54.5	60.5	66.2	68.8	74.7	76.4	77.5	80.1	86.5	92.3	97.7
≥ 0	26.4	35.5	40.8	44.9	54.4	54.5	60.5	66.2	68.8	74.7	76.4	77.5	80.3	87.4	93.4	100.0

TOTAL NUMBER OF OBSERVATIONS 831

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6163 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	4.8	7.4	8.8	10.0	10.8	10.9	11.8	12.0	12.2	12.5	12.6	13.0	13.0	13.0	13.2	13.2
≥ 20000	8.4	11.5	12.8	14.4	15.5	15.6	16.4	16.9	17.2	17.5	17.8	18.1	18.1	18.2	18.6	18.6
≥ 18000	8.5	11.6	13.0	14.5	15.6	15.7	16.7	17.2	17.5	17.9	18.1	18.5	18.5	18.6	19.0	19.0
≥ 16000	8.5	11.6	13.0	14.5	15.6	15.7	16.7	17.2	17.5	17.9	18.1	18.5	18.5	18.6	19.0	19.0
≥ 14000	8.8	11.9	13.2	14.8	15.8	16.0	16.9	17.4	17.8	18.1	18.4	18.7	18.7	18.8	19.2	19.2
≥ 12000	9.0	12.1	13.4	15.0	16.1	16.2	17.2	17.6	18.0	18.4	18.6	19.0	19.0	19.1	19.4	19.4
≥ 10000	9.2	12.4	13.7	15.2	16.3	16.4	17.4	17.9	18.2	18.6	18.8	19.2	19.2	19.3	19.7	19.7
≥ 9000	9.7	12.8	14.2	15.7	16.8	16.9	17.9	18.4	18.7	19.1	19.3	19.7	19.7	19.8	20.2	20.2
≥ 8000	10.3	13.6	15.0	16.6	18.1	18.4	19.3	19.8	20.2	20.6	20.9	21.2	21.2	21.4	21.7	21.7
≥ 7000	10.3	13.6	15.0	16.6	18.4	18.6	19.8	20.3	20.6	21.1	21.4	21.7	21.7	21.8	22.2	22.2
≥ 6000	10.3	13.6	15.0	16.6	18.4	18.6	19.8	20.3	20.6	21.1	21.4	21.7	21.7	21.8	22.2	22.2
≥ 5000	11.0	14.3	15.8	17.4	19.2	19.4	20.6	21.1	21.5	22.0	22.2	22.6	22.6	22.7	23.0	23.0
≥ 4500	11.3	14.5	16.1	17.6	19.4	19.7	20.9	21.4	21.7	22.2	22.4	22.8	22.8	22.9	23.3	23.3
≥ 4000	12.2	15.5	17.3	19.0	20.9	21.1	22.7	23.2	23.5	24.0	24.2	24.6	24.6	24.7	25.1	25.1
≥ 3500	12.6	16.1	18.0	19.7	22.1	22.3	23.9	24.5	24.8	25.3	25.6	25.9	25.9	26.1	26.4	26.4
≥ 3000	13.8	17.5	19.9	21.7	24.4	24.6	26.2	27.0	27.4	27.9	28.1	28.5	28.5	28.6	28.9	28.9
≥ 2500	15.5	19.7	22.3	24.1	26.8	27.0	28.9	29.8	30.1	30.6	30.9	31.2	31.2	31.3	31.7	31.7
≥ 2000	18.2	23.2	26.1	28.1	31.2	31.6	33.6	34.5	34.8	35.3	35.5	35.9	35.9	36.0	36.5	36.6
≥ 1800	18.8	24.2	27.3	29.3	32.5	32.9	34.9	35.8	36.1	36.6	36.9	37.2	37.2	37.3	37.8	37.9
≥ 1500	22.2	28.1	31.7	34.3	38.1	38.4	40.5	41.3	41.7	42.4	42.6	43.0	43.0	43.1	43.6	43.7
≥ 1200	26.7	33.4	38.1	41.4	45.6	46.0	48.7	49.8	50.2	50.9	51.3	51.6	51.6	51.7	52.2	52.3
≥ 1000	27.3	34.8	39.5	43.2	47.9	48.3	51.4	52.9	53.4	54.4	54.7	55.1	55.1	55.2	55.7	55.8
≥ 900	28.1	35.9	40.8	44.8	49.6	49.9	53.1	54.6	55.1	56.1	56.4	56.8	56.8	56.9	57.4	57.5
≥ 800	29.3	37.9	43.1	47.3	52.8	53.2	56.7	58.6	59.1	60.0	60.5	61.0	61.0	61.1	61.7	61.8
≥ 700	29.8	38.8	43.9	48.1	53.9	54.3	57.9	60.0	60.6	61.9	62.4	62.9	62.9	63.1	63.7	63.9
≥ 600	30.4	39.5	44.7	49.0	55.7	56.1	60.3	62.7	63.3	64.7	65.2	65.7	65.7	65.9	66.5	66.6
≥ 500	31.2	40.9	46.3	50.8	58.3	58.9	64.3	67.3	67.9	69.7	70.3	70.8	71.1	71.3	71.9	72.0
≥ 400	31.7	41.9	47.5	52.1	60.4	61.0	67.0	70.3	71.1	73.5	74.2	74.7	75.0	75.3	75.9	76.0
≥ 300	31.9	42.3	47.9	52.7	61.8	62.7	69.1	73.9	75.3	78.3	79.1	79.7	80.1	81.0	81.6	81.9
≥ 200	31.9	42.3	47.9	52.7	62.1	63.0	69.9	75.6	77.4	82.1	83.1	83.9	85.1	87.0	89.0	89.8
≥ 100	31.9	42.3	47.9	52.7	62.1	63.0	70.1	76.0	77.9	83.0	84.4	85.2	86.8	90.4	94.4	99.2
≥ 0	31.9	42.3	47.9	52.7	62.1	63.0	70.1	76.0	77.9	83.0	84.4	85.2	86.8	90.5	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 833

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/8	≥1/2	≥0
NO CEILING	8.2	11.1	12.8	13.2	13.7	13.8	14.8	15.0	15.1	15.2	15.2	15.2	15.2	15.2	15.4	15.4
≥ 20000	11.6	15.4	17.0	17.9	18.5	18.6	19.6	20.0	20.1	20.2	20.4	20.4	20.4	20.4	20.8	20.8
≥ 18000	12.0	15.7	17.4	18.3	18.9	19.0	20.0	20.3	20.4	20.6	20.8	20.8	20.8	20.8	21.2	21.2
≥ 15000	12.0	15.7	17.4	18.4	19.0	19.1	20.1	20.4	20.6	20.7	20.9	20.9	20.9	20.9	21.3	21.3
≥ 14000	12.1	15.8	17.5	18.5	19.1	19.2	20.2	20.6	20.7	20.8	21.0	21.0	21.0	21.2	21.5	21.5
≥ 12000	12.1	16.1	17.8	18.7	19.3	19.5	20.4	20.8	20.9	21.0	21.3	21.3	21.3	21.4	21.8	21.8
≥ 10000	12.6	16.7	18.6	19.6	20.2	20.3	21.6	22.0	22.1	22.2	22.5	22.5	22.5	22.6	23.0	23.0
≥ 9000	12.9	17.0	19.0	20.0	20.6	20.7	22.0	22.4	22.5	22.6	22.9	22.9	22.9	23.0	23.3	23.3
≥ 8000	13.6	17.9	19.8	20.8	21.8	21.9	23.2	23.6	23.7	23.8	24.1	24.1	24.1	24.2	24.5	24.5
≥ 7000	14.1	18.7	20.9	21.9	22.9	23.0	24.3	24.7	24.8	24.9	25.2	25.2	25.2	25.3	25.6	25.6
≥ 6000	14.1	18.7	20.9	21.9	22.9	23.0	24.3	24.7	24.8	24.9	25.2	25.2	25.2	25.3	25.6	25.6
≥ 5000	14.9	19.5	21.6	22.6	23.6	23.7	25.0	25.4	25.5	25.6	25.9	25.9	25.9	26.0	26.4	26.4
≥ 4500	15.0	19.6	21.8	22.7	23.7	23.8	25.2	25.5	25.6	25.8	26.0	26.0	26.0	26.1	26.5	26.5
≥ 4000	16.6	21.4	23.6	24.8	25.9	26.0	27.3	27.7	27.9	28.1	28.3	28.3	28.3	28.4	28.8	28.8
≥ 3500	17.5	22.4	24.5	25.8	26.8	27.0	28.3	28.7	28.9	29.0	29.3	29.3	29.3	29.4	29.7	29.7
≥ 3000	20.0	25.5	27.9	29.3	30.6	30.7	32.0	32.6	32.9	33.0	33.3	33.3	33.3	33.4	33.7	33.7
≥ 2500	22.5	28.5	31.0	32.4	33.9	34.0	35.6	36.2	36.4	36.5	36.8	36.8	36.8	36.9	37.2	37.2
≥ 2000	24.5	31.1	33.9	35.7	37.5	37.7	39.5	40.1	40.4	40.5	40.7	40.7	40.7	40.9	41.2	41.2
≥ 1800	25.3	32.2	35.1	36.9	39.2	39.5	41.4	42.0	42.2	42.3	42.6	42.6	42.6	42.7	43.0	43.0
≥ 1500	27.9	35.2	38.8	41.2	44.6	45.1	47.2	47.8	48.1	48.2	48.5	48.6	48.7	48.9	49.2	49.2
≥ 1200	30.1	38.5	42.7	46.2	49.9	50.5	53.6	54.3	54.8	54.9	55.1	55.3	55.4	55.5	55.9	55.9
≥ 1000	31.3	40.7	45.2	49.0	53.0	53.6	57.2	58.2	58.6	58.9	59.1	59.3	59.4	59.6	60.0	60.0
≥ 900	32.0	41.5	45.9	49.8	54.1	54.7	58.6	59.6	60.1	60.3	60.6	60.7	60.8	61.1	61.4	61.4
≥ 800	33.3	43.5	48.2	52.2	56.7	57.4	61.9	63.4	63.8	64.1	64.3	64.4	64.6	64.8	65.2	65.2
≥ 700	34.0	44.6	49.3	53.6	58.5	59.3	64.0	65.8	66.3	66.7	67.0	67.1	67.2	67.6	68.0	68.0
≥ 600	34.2	45.3	50.4	54.9	60.8	61.5	66.9	68.8	69.3	70.0	70.3	70.4	70.5	70.9	71.2	71.3
≥ 500	34.7	46.3	51.5	56.3	63.4	64.1	70.4	72.9	73.4	74.7	75.0	75.1	75.2	75.7	76.1	76.2
≥ 400	35.1	46.8	52.0	57.0	64.8	65.7	72.3	75.5	75.9	77.3	77.5	77.6	77.9	78.4	78.8	79.0
≥ 300	35.1	46.9	52.4	57.6	65.9	66.9	75.0	78.6	79.9	82.1	82.3	82.5	83.1	83.7	84.2	84.3
≥ 200	35.1	46.9	52.4	57.6	66.1	67.1	75.7	80.0	81.4	84.8	85.6	86.1	87.2	88.4	90.1	90.4
≥ 100	35.1	46.9	52.4	57.6	66.1	67.1	75.7	80.0	81.6	85.4	86.2	86.9	88.5	91.1	94.6	99.0
≥ 0	35.1	46.9	52.4	57.6	66.1	67.1	75.7	80.0	81.6	85.4	86.2	86.9	88.5	91.2	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 827

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	9.1	11.9	12.8	13.8	15.1	15.1	17.3	17.7	17.7	18.2	18.2	18.2	18.6	18.6	18.7	18.8
≥ 20000	11.4	14.9	15.9	17.0	18.3	18.3	20.5	21.1	21.3	21.9	21.9	21.9	22.3	22.3	22.4	22.5
≥ 18000	11.5	15.0	16.1	17.1	18.5	18.5	20.6	21.2	21.5	22.1	22.1	22.1	22.4	22.4	22.5	22.7
≥ 16000	11.5	15.0	16.1	17.1	18.5	18.5	20.6	21.2	21.5	22.1	22.1	22.1	22.4	22.4	22.5	22.7
≥ 14000	11.5	15.0	16.1	17.1	18.5	18.5	20.6	21.2	21.6	22.2	22.2	22.2	22.5	22.5	22.7	22.8
≥ 12000	11.5	15.0	16.3	17.4	18.9	18.9	21.1	21.7	22.1	22.7	22.7	22.7	23.0	23.0	23.1	23.3
≥ 10000	11.8	15.3	16.8	17.9	19.4	19.4	21.6	22.2	22.5	23.1	23.1	23.1	23.5	23.5	23.6	23.7
≥ 9000	12.6	16.2	17.6	18.7	20.3	20.3	22.4	23.0	23.4	24.0	24.0	24.0	24.3	24.3	24.5	24.6
≥ 8000	13.1	16.9	18.6	19.7	21.3	21.3	23.9	24.5	24.8	25.4	25.4	25.4	25.8	25.8	25.9	26.3
≥ 7000	13.2	17.0	18.7	19.8	21.5	21.5	24.0	24.6	24.9	25.5	25.5	25.5	25.9	25.9	26.0	26.4
≥ 6000	13.2	17.0	18.7	19.8	21.5	21.5	24.0	24.6	24.9	25.5	25.5	25.5	25.9	25.9	26.0	26.4
≥ 5000	13.5	17.5	19.2	20.3	21.9	21.9	24.5	25.1	25.4	26.0	26.0	26.0	26.4	26.4	26.5	26.9
≥ 4500	13.8	18.0	19.7	20.7	22.4	22.4	24.9	25.5	25.9	26.5	26.5	26.5	26.9	26.9	27.0	27.3
≥ 4000	15.7	20.3	21.9	23.0	25.1	25.1	27.8	28.4	28.8	29.4	29.4	29.4	29.7	29.7	29.9	30.2
≥ 3500	17.6	22.8	24.5	25.5	27.6	27.6	30.3	30.9	31.3	31.9	32.0	32.0	32.4	32.4	32.5	32.9
≥ 3000	20.0	25.3	27.2	28.7	30.9	30.9	33.7	34.3	34.7	35.3	35.4	35.4	35.7	35.7	35.9	36.2
≥ 2500	21.7	27.1	29.0	30.6	33.5	33.5	36.5	37.1	37.4	38.0	38.1	38.1	38.5	38.5	38.6	39.0
≥ 2000	23.4	29.7	32.0	34.1	37.1	37.1	40.0	40.6	41.0	41.7	41.8	41.8	42.2	42.2	42.3	42.7
≥ 1800	23.9	30.3	32.7	34.9	38.2	38.4	41.5	42.1	42.4	43.2	43.3	43.3	43.6	43.6	43.8	44.1
≥ 1500	26.9	33.8	36.6	39.3	44.1	44.2	47.5	48.2	48.6	49.3	49.4	49.4	49.8	49.8	49.9	50.2
≥ 1200	29.4	37.5	40.4	43.6	48.8	48.9	52.6	53.4	53.7	54.6	54.7	54.7	55.0	55.0	55.2	55.5
≥ 1000	31.2	39.8	42.9	46.5	52.0	52.2	56.0	57.0	57.3	58.4	58.5	58.6	59.1	59.1	59.2	59.6
≥ 900	31.9	40.6	43.8	47.5	54.1	54.2	58.2	59.1	59.5	60.6	60.7	60.8	61.3	61.3	61.4	61.8
≥ 800	32.4	42.1	45.3	49.8	57.1	57.2	61.5	62.6	63.2	64.5	64.6	64.9	65.3	65.3	65.5	65.8
≥ 700	33.3	44.2	47.5	52.0	59.7	60.0	64.3	65.5	66.2	67.6	67.7	68.0	68.5	68.6	68.7	69.1
≥ 600	33.9	45.3	48.8	53.6	61.4	61.8	66.5	67.7	68.5	70.4	70.5	70.7	71.2	71.3	71.5	71.8
≥ 500	34.2	46.6	50.1	55.0	64.1	64.5	70.1	71.6	72.7	75.2	75.3	75.5	76.0	76.1	76.3	76.6
≥ 400	34.2	46.9	50.4	55.4	65.2	65.7	72.3	73.9	74.9	77.6	77.7	78.2	78.9	79.0	79.1	79.5
≥ 300	34.2	47.1	50.6	56.1	66.8	67.4	74.5	76.7	77.8	81.1	81.2	81.9	83.0	83.6	83.7	84.1
≥ 200	34.2	47.1	50.6	56.1	67.3	67.9	75.5	78.5	79.9	84.8	85.2	86.0	87.5	89.8	90.5	90.9
≥ 100	34.2	47.1	50.6	56.1	67.3	68.0	75.7	79.4	80.8	86.7	87.1	88.2	90.0	93.6	95.3	99.5
≥ 0	34.2	47.1	50.6	56.1	67.3	68.0	75.7	79.4	80.8	86.7	87.1	88.2	90.0	93.8	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 834

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

I 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	10.1	13.6	14.0	14.7	16.4	16.6	17.9	18.1	18.2	18.9	19.4	19.5	19.7	19.8	20.1	20.4
≥ 20000	10.9	14.7	15.2	15.9	18.0	18.2	19.5	20.0	20.3	21.0	21.5	21.6	21.7	21.8	22.2	22.4
≥ 18000	10.9	14.7	15.2	15.9	18.0	18.2	19.5	20.0	20.3	21.0	21.5	21.6	21.7	21.8	22.2	22.4
≥ 16000	10.9	14.7	15.2	15.9	18.0	18.2	19.5	20.0	20.3	21.0	21.5	21.6	21.7	21.8	22.2	22.4
≥ 14000	10.9	14.7	15.2	15.9	18.0	18.2	19.5	20.0	20.3	21.0	21.5	21.6	21.7	21.8	22.2	22.4
≥ 12000	11.0	14.8	15.3	16.0	18.2	18.5	19.8	20.3	20.5	21.2	21.7	21.8	22.0	22.1	22.4	22.7
≥ 10000	11.6	15.4	15.9	16.6	18.8	19.1	20.4	20.9	21.1	21.8	22.3	22.4	22.6	22.7	23.0	23.3
≥ 9000	12.1	15.9	16.4	17.1	19.3	19.5	21.0	21.5	21.7	22.4	22.9	23.0	23.2	23.3	23.6	23.9
≥ 8000	12.4	16.5	17.2	18.0	20.5	20.7	22.2	22.8	23.0	23.8	24.2	24.4	24.5	24.6	25.0	25.2
≥ 7000	12.5	16.6	17.4	18.1	20.6	20.9	22.3	22.9	23.2	23.9	24.4	24.5	24.6	24.7	25.1	25.3
≥ 6000	12.5	16.6	17.4	18.1	20.6	20.9	22.3	22.9	23.2	23.9	24.4	24.5	24.6	24.7	25.1	25.3
≥ 5000	12.8	16.9	17.6	18.3	21.1	21.4	22.8	23.4	23.6	24.4	24.9	25.0	25.1	25.2	25.6	25.8
≥ 4500	13.0	17.4	18.1	18.9	21.7	22.0	23.4	24.0	24.2	25.0	25.5	25.6	25.7	25.8	26.2	26.4
≥ 4000	14.1	18.7	19.4	20.3	23.2	23.4	24.8	25.5	25.8	26.7	27.1	27.3	27.4	27.5	27.9	28.1
≥ 3500	15.1	20.1	20.9	21.7	24.8	25.1	26.7	27.4	27.7	28.6	29.1	29.2	29.4	29.8	30.2	30.4
≥ 3000	16.4	21.5	22.2	23.0	26.2	26.4	28.0	28.7	29.1	30.2	30.6	30.8	31.0	31.4	31.7	32.0
≥ 2500	19.5	24.7	25.5	26.7	30.2	30.4	32.2	33.1	33.4	34.5	35.0	35.1	35.3	35.7	36.1	36.3
≥ 2000	22.0	27.7	28.6	30.2	34.3	34.5	36.4	37.3	37.6	38.7	39.4	39.6	39.8	40.2	40.5	40.8
≥ 1800	23.2	29.1	30.0	31.7	36.3	36.6	38.7	39.6	39.9	41.0	41.7	41.9	42.1	42.5	42.8	43.1
≥ 1500	26.4	33.7	34.6	36.9	42.9	43.2	45.5	46.4	46.8	47.9	48.6	48.7	49.0	49.3	49.7	49.9
≥ 1200	29.4	37.0	38.1	41.3	48.1	48.4	50.9	51.9	52.2	53.3	54.0	54.2	54.4	54.8	55.1	55.4
≥ 1000	31.6	39.9	41.0	44.9	52.1	52.4	54.9	55.9	56.2	57.3	58.0	58.1	58.4	58.7	59.1	59.3
≥ 900	32.6	40.9	42.0	45.8	53.9	54.2	56.7	57.7	58.0	59.2	60.2	60.4	60.7	61.0	61.4	61.6
≥ 800	34.0	42.7	43.9	48.5	56.8	57.1	60.3	61.3	61.6	63.0	63.9	64.2	64.4	64.8	65.1	65.4
≥ 700	34.4	43.5	44.9	49.8	59.2	59.5	62.8	63.9	64.3	65.6	66.6	66.8	67.1	67.4	67.8	68.0
≥ 600	35.2	44.4	45.8	51.1	61.6	62.0	65.7	67.1	67.4	68.9	69.8	70.1	70.3	70.7	71.0	71.4
≥ 500	35.6	45.1	46.7	52.7	64.3	64.9	69.0	70.9	71.7	73.1	74.1	74.3	74.5	75.3	75.6	76.0
≥ 400	35.7	45.2	46.8	52.8	65.6	66.2	71.4	73.5	74.2	75.9	77.0	77.2	77.4	78.2	78.5	78.9
≥ 300	35.8	45.4	46.9	53.0	66.8	67.4	73.1	75.4	76.7	79.3	80.3	80.6	81.9	83.1	83.5	83.8
≥ 200	35.9	45.5	47.2	53.4	68.3	68.9	74.8	77.3	79.1	83.1	84.7	85.6	87.5	89.7	90.5	91.1
≥ 100	35.9	45.5	47.2	53.4	68.3	68.9	74.9	77.7	79.5	83.6	85.3	86.6	88.8	93.7	95.8	99.4
≥ 0	35.9	45.5	47.2	53.4	68.3	68.9	74.9	77.7	79.5	83.6	85.3	86.6	88.8	94.0	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 829

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	6.5	9.0	9.8	10.6	11.9	11.9	13.0	13.3	13.6	14.1	14.3	14.4	14.6	14.8	15.1	15.2
≥ 20000	8.2	11.1	12.0	13.0	14.4	14.5	15.6	16.1	16.4	17.0	17.2	17.3	17.5	17.8	18.2	18.3
≥ 18000	8.3	11.2	12.1	13.1	14.6	14.7	15.8	16.2	16.6	17.1	17.4	17.5	17.7	18.0	18.4	18.5
≥ 16000	8.3	11.2	12.2	13.2	14.7	14.7	15.8	16.3	16.6	17.2	17.5	17.6	17.8	18.1	18.5	18.6
≥ 14000	8.4	11.3	12.2	13.3	14.7	14.8	15.9	16.4	16.8	17.3	17.6	17.7	17.9	18.2	18.6	18.7
≥ 12000	8.5	11.4	12.4	13.5	15.0	15.0	16.1	16.6	17.0	17.6	17.8	17.9	18.1	18.4	18.8	19.0
≥ 10000	8.8	11.8	12.8	13.9	15.4	15.5	16.7	17.1	17.5	18.1	18.4	18.4	18.6	19.0	19.3	19.5
≥ 9000	9.1	12.1	13.1	14.2	15.8	15.9	17.0	17.5	17.9	18.4	18.7	18.8	19.0	19.4	19.8	19.9
≥ 8000	9.6	12.8	14.0	15.1	16.9	17.0	18.2	18.7	19.1	19.7	20.0	20.1	20.3	20.7	21.1	21.3
≥ 7000	9.9	13.2	14.3	15.4	17.4	17.5	18.7	19.2	19.6	20.2	20.5	20.6	20.9	21.2	21.6	21.8
≥ 6000	9.9	13.2	14.4	15.4	17.4	17.5	18.8	19.3	19.7	20.3	20.6	20.6	20.9	21.3	21.7	21.9
≥ 5000	10.4	13.8	15.0	16.1	18.1	18.2	19.5	20.0	20.4	21.0	21.2	21.4	21.6	22.0	22.4	22.6
≥ 4500	10.7	14.1	15.3	16.4	18.5	18.6	19.9	20.4	20.8	21.4	21.6	21.7	22.0	22.4	22.8	23.0
≥ 4000	12.	15.7	17.0	18.2	20.4	20.5	21.9	22.5	22.9	23.5	23.8	23.9	24.2	24.5	25.0	25.2
≥ 3500	12.9	16.8	18.1	19.4	21.9	22.0	23.5	24.2	24.6	25.3	25.6	25.7	26.0	26.4	26.9	27.1
≥ 3000	14.4	18.6	20.1	21.6	24.3	24.5	26.0	26.8	27.2	28.0	28.3	28.4	28.7	29.1	29.5	29.7
≥ 2500	16.3	20.9	22.7	24.3	27.4	27.5	29.2	30.0	30.4	31.2	31.5	31.6	31.9	32.3	32.8	33.0
≥ 2000	18.7	23.9	25.9	27.8	31.1	31.3	33.1	34.0	34.4	35.2	35.5	35.6	36.0	36.4	36.9	37.1
≥ 1800	19.6	25.1	27.2	29.1	32.7	32.9	34.8	35.6	36.1	36.9	37.2	37.3	37.7	38.1	38.6	38.8
≥ 1500	22.5	28.8	31.3	33.8	38.2	38.4	40.4	41.3	41.8	42.7	43.0	43.2	43.5	44.0	44.5	44.7
≥ 1200	25.2	32.4	35.2	38.3	43.3	43.5	45.9	47.0	47.5	48.4	48.7	48.9	49.3	49.7	50.2	50.4
≥ 1000	26.7	34.7	37.7	41.3	46.7	46.9	49.6	50.7	51.3	52.3	52.7	52.9	53.3	53.7	54.2	54.5
≥ 900	27.3	35.5	38.5	42.3	48.3	48.6	51.3	52.5	53.1	54.2	54.5	54.8	55.1	55.6	56.1	56.4
≥ 800	28.4	37.1	40.5	44.7	51.3	51.6	54.7	56.1	56.7	57.9	58.3	58.6	59.0	59.4	60.0	60.2
≥ 700	29.3	38.2	41.7	46.2	53.5	53.8	57.1	58.7	59.3	60.7	61.1	61.4	61.8	62.3	62.9	63.1
≥ 600	29.7	39.2	42.9	47.7	55.9	56.3	60.1	61.9	62.5	64.1	64.5	64.8	65.2	65.8	66.3	66.6
≥ 500	30.1	40.2	44.1	49.4	58.8	59.3	63.8	66.0	66.7	68.7	69.2	69.5	70.0	70.6	71.1	71.4
≥ 400	30.4	40.8	44.8	50.2	60.7	61.2	66.5	69.1	69.9	72.2	72.8	73.2	73.9	74.5	75.0	75.4
≥ 300	30.6	41.0	45.1	50.7	62.3	62.9	69.2	72.7	73.8	76.9	77.5	78.0	79.1	80.0	80.6	80.9
≥ 200	30.6	41.1	45.3	50.9	63.0	63.6	70.4	74.6	76.2	80.5	81.5	82.3	84.0	86.2	87.7	88.4
≥ 100	30.6	41.1	45.3	51.0	63.2	63.8	70.8	75.3	77.2	82.0	83.2	84.3	86.3	90.4	94.3	98.6
≥ 0	30.6	41.1	45.3	51.0	63.2	63.8	70.8	75.3	77.2	82.0	83.2	84.3	86.3	90.7	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6637

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 016.7 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥
NO CEILING	13.8	19.1	20.3	20.9	26.1	26.8	27.4	29.4	29.9	31.0	31.4	31.4	31.7	31.9	32.1	32.2
≥ 20000	15.2	20.8	22.8	23.4	29.0	29.7	30.3	32.5	33.0	34.0	34.4	34.4	34.7	35.0	35.1	35.2
≥ 18000	15.4	21.1	23.0	23.7	29.3	29.9	30.6	32.7	33.2	34.3	34.7	34.7	35.0	35.2	35.4	35.5
≥ 16000	15.4	21.3	23.3	24.0	29.5	30.2	30.9	33.0	33.5	34.6	35.0	35.0	35.2	35.5	35.6	35.8
≥ 14000	15.4	21.3	23.3	24.0	29.5	30.2	30.9	33.0	33.5	34.6	35.0	35.0	35.2	35.5	35.6	35.8
≥ 12000	15.5	21.5	23.4	24.1	29.8	30.5	31.1	33.2	33.8	34.8	35.2	35.2	35.6	35.9	36.0	36.2
≥ 10000	16.6	22.6	24.6	25.3	31.0	31.7	32.3	34.4	35.0	36.0	36.4	36.4	36.8	37.1	37.2	37.4
≥ 9000	16.6	22.6	24.6	25.3	31.1	31.8	32.5	34.6	35.1	36.2	36.6	36.6	37.0	37.2	37.4	37.5
≥ 8000	16.8	23.0	25.0	25.7	31.7	32.3	33.1	35.2	35.8	36.8	37.2	37.2	37.6	37.9	38.0	38.1
≥ 7000	16.8	23.3	25.3	26.0	31.9	32.6	33.4	35.8	36.3	37.4	37.7	37.7	38.1	38.5	38.9	39.1
≥ 6000	17.1	23.6	25.6	26.2	32.2	32.8	33.6	36.0	36.6	37.6	38.0	38.0	38.4	38.8	39.2	39.3
≥ 5000	17.2	24.0	26.0	26.6	32.6	33.2	34.0	36.6	37.2	38.4	38.8	38.8	39.2	39.6	40.0	40.1
≥ 4500	17.2	24.0	26.0	26.6	32.6	33.2	34.0	36.6	37.2	38.4	38.8	38.8	39.2	39.6	40.0	40.1
≥ 4000	18.5	25.6	27.5	28.2	34.7	35.5	36.8	39.6	40.3	41.5	42.0	42.0	42.4	42.8	43.2	43.3
≥ 3500	20.4	27.9	29.9	30.6	37.2	38.0	39.3	42.1	42.8	44.0	44.5	44.5	44.9	45.4	46.0	46.1
≥ 3000	21.6	29.4	31.4	32.2	39.3	40.1	42.1	44.9	45.7	46.9	47.4	47.4	47.8	48.5	49.1	49.3
≥ 2500	22.9	31.8	33.8	34.6	42.1	43.0	45.0	47.8	48.6	49.8	50.3	50.3	50.7	51.4	52.1	52.2
≥ 2000	25.4	35.1	37.2	38.0	46.4	47.5	49.5	52.3	53.2	54.7	55.2	55.2	55.6	56.3	57.0	57.1
≥ 1800	25.7	35.4	37.5	38.3	46.6	47.8	49.8	52.6	53.5	55.0	55.5	55.5	55.9	56.6	57.2	57.4
≥ 1500	27.3	37.5	39.6	40.5	49.4	50.9	53.2	56.0	57.0	58.4	58.9	58.9	59.3	60.0	60.7	60.8
≥ 1200	28.5	39.5	41.9	43.3	53.6	55.1	57.7	60.9	61.9	63.3	63.8	63.8	64.2	64.9	65.6	65.7
≥ 1000	28.9	40.1	42.6	44.5	55.0	56.6	60.3	63.6	64.6	66.2	66.8	66.8	67.2	67.8	68.5	68.6
≥ 900	29.1	40.4	43.0	44.9	55.5	57.2	61.5	64.8	65.8	67.4	67.9	67.9	68.3	69.0	69.7	69.8
≥ 800	30.3	42.1	44.8	46.8	58.1	59.9	64.5	68.1	69.1	70.7	71.3	71.3	71.7	72.3	73.0	73.1
≥ 700	30.6	42.4	45.0	47.2	58.5	60.3	65.4	69.1	70.2	71.8	72.3	72.3	72.7	73.4	74.0	74.2
≥ 600	31.0	42.9	45.6	47.7	59.6	61.5	67.3	71.0	72.1	73.8	74.3	74.3	74.7	75.4	76.0	76.2
≥ 500	31.0	43.2	46.0	48.6	61.3	63.2	69.3	73.4	74.8	77.1	77.6	77.6	78.1	79.2	79.9	80.0
≥ 400	31.0	43.3	46.1	48.7	61.6	63.4	70.3	74.4	75.9	78.3	78.8	78.8	79.3	80.4	81.1	81.2
≥ 300	31.1	43.4	46.2	49.0	62.1	64.0	71.8	76.4	78.3	81.5	82.1	82.3	83.6	85.3	86.0	86.1
≥ 200	31.1	43.4	46.2	49.0	62.1	64.1	72.2	77.2	79.2	83.3	84.8	85.0	86.6	90.2	91.1	91.3
≥ 100	31.1	43.4	46.2	49.0	62.1	64.1	72.2	77.2	79.3	84.1	85.8	86.2	88.2	93.4	96.7	98.7
≥ 0	31.1	43.4	46.2	49.0	62.1	64.1	72.2	77.2	79.3	84.1	85.8	86.2	88.2	93.4	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 755

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]167 (STATION) HAHN AB OL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	25/16	≥¼	≥0
NO CEILING	9.4	15.3	17.1	18.2	21.2	21.8	22.7	24.3	24.9	26.0	26.4	26.4	26.9	27.3	27.3	27.7
≥ 20000	10.2	16.3	18.4	19.6	22.8	23.3	24.4	26.0	26.7	27.7	28.1	28.1	28.6	29.0	29.0	29.4
≥ 18000	10.2	16.4	18.7	19.9	23.2	23.7	24.8	26.4	27.1	28.1	28.5	28.5	29.0	29.4	29.4	29.8
≥ 16000	10.2	16.4	18.8	20.0	23.3	23.9	24.9	26.5	27.2	28.2	28.6	28.6	29.2	29.6	29.6	30.0
≥ 14000	10.2	16.4	18.8	20.0	23.3	23.9	24.9	26.5	27.2	28.2	28.6	28.6	29.2	29.6	29.6	30.1
≥ 12000	10.2	16.7	19.1	20.3	23.6	24.1	25.3	26.9	27.6	28.6	29.0	29.0	29.6	30.0	30.0	30.5
≥ 10000	10.3	16.8	19.5	20.7	24.0	24.5	25.7	27.3	28.0	29.0	29.4	29.4	30.0	30.4	30.4	30.9
≥ 9000	10.7	17.2	19.9	21.1	24.4	24.9	26.1	27.7	28.4	29.4	29.8	29.8	30.4	30.8	30.8	31.3
≥ 8000	11.4	17.9	20.7	21.9	25.3	26.0	27.2	28.8	29.4	30.5	30.9	30.9	31.4	31.8	31.8	32.4
≥ 7000	11.5	18.2	21.0	22.1	25.6	26.3	27.5	29.0	29.7	30.8	31.2	31.2	31.7	32.1	32.1	32.6
≥ 6000	11.5	18.2	21.0	22.3	25.7	26.4	27.6	29.2	29.8	30.9	31.3	31.3	31.8	32.2	32.2	32.8
≥ 5000	11.5	18.2	21.0	22.4	25.9	26.5	27.9	29.4	30.1	31.2	31.6	31.6	32.1	32.5	32.5	33.0
≥ 4500	11.8	18.4	21.2	22.7	26.1	26.8	28.1	29.7	30.4	31.4	31.8	31.8	32.4	32.8	32.8	33.3
≥ 4000	13.7	21.2	24.0	25.9	29.4	30.1	31.4	33.6	34.2	35.3	35.7	35.7	36.2	36.7	36.7	37.3
≥ 3500	14.6	22.1	25.3	27.2	31.4	32.1	33.6	35.9	36.7	37.8	38.2	38.2	38.7	39.3	39.3	39.8
≥ 3000	15.8	23.9	27.1	28.9	33.3	34.0	36.3	38.7	39.5	40.6	41.0	41.0	41.6	42.4	42.8	43.4
≥ 2500	16.7	24.9	28.1	30.1	34.6	35.3	38.1	40.5	41.2	42.3	42.7	42.7	43.4	44.2	44.6	45.1
≥ 2000	19.1	27.6	30.9	32.9	37.8	38.7	41.9	44.4	45.2	46.4	46.8	46.8	47.5	48.3	48.7	49.2
≥ 1800	20.0	28.6	32.0	34.0	38.9	39.8	43.0	45.5	46.3	47.5	47.9	47.9	48.5	49.3	49.7	50.3
≥ 1500	22.4	31.8	35.3	37.4	43.0	43.9	47.3	49.9	50.7	52.0	52.4	52.4	53.1	53.8	54.2	54.8
≥ 1200	23.7	33.8	37.5	40.2	47.6	48.5	52.5	55.2	56.1	57.4	57.8	57.8	58.5	59.3	59.7	60.2
≥ 1000	24.8	35.3	39.1	42.3	50.7	51.6	56.4	59.2	60.1	61.8	62.3	62.5	63.1	63.9	64.3	64.9
≥ 900	24.9	35.8	39.7	42.8	51.7	52.8	57.6	60.3	61.3	63.0	63.5	63.7	64.3	65.1	65.5	66.0
≥ 800	25.6	36.9	41.0	44.4	53.6	54.6	59.5	62.3	63.3	65.0	65.5	65.6	66.3	67.1	67.5	68.0
≥ 700	25.9	37.5	41.6	45.2	54.9	56.0	61.5	64.3	65.4	67.4	67.9	68.0	68.7	69.5	69.9	70.4
≥ 600	26.3	38.5	42.6	46.4	57.2	58.4	64.3	67.6	68.7	71.0	71.5	71.6	72.3	73.1	73.5	74.0
≥ 500	26.3	38.7	42.8	46.8	58.0	59.5	66.3	69.8	71.0	73.7	74.3	74.4	75.2	76.1	76.5	77.1
≥ 400	26.3	39.0	43.1	47.3	58.5	60.1	67.8	71.6	72.9	76.1	77.1	77.2	78.1	79.2	79.6	80.1
≥ 300	26.7	39.4	43.5	47.9	59.4	61.0	69.0	73.1	74.8	78.8	79.8	80.4	82.0	83.6	84.0	84.5
≥ 200	26.7	39.4	43.5	47.9	59.7	61.4	69.6	74.3	76.3	81.2	82.6	83.4	85.3	88.9	90.6	91.2
≥ 100	26.7	39.4	43.5	47.9	59.7	61.4	70.0	74.9	77.2	82.4	84.0	84.7	87.1	91.9	96.2	98.4
≥ 0	26.7	39.4	43.5	47.9	59.7	61.4	70.0	74.9	77.2	82.4	84.0	84.7	87.1	91.9	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 754

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-61 (YEAR) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	8.	12.1	13.7	14.7	18.9	19.3	20.6	20.7	21.4	22.6	22.8	23.0	23.1	23.9	24.2	25.0
≥ 20000	9.0	13.3	14.9	15.9	20.1	20.5	22.0	22.3	23.0	24.2	24.4	24.6	24.7	25.6	25.9	26.7
≥ 18000	9.0	13.3	14.9	15.9	20.1	20.5	22.0	22.3	23.0	24.2	24.4	24.6	24.7	25.6	25.9	26.7
≥ 16000	9.0	13.3	14.9	15.9	20.1	20.5	22.0	22.3	23.0	24.2	24.4	24.6	24.7	25.6	25.9	26.7
≥ 14000	9.0	13.3	14.9	16.1	20.3	20.7	22.3	22.6	23.2	24.4	24.7	24.8	25.0	25.9	26.2	27.0
≥ 12000	9.0	13.3	14.9	16.1	20.5	20.8	22.6	22.8	23.5	24.7	25.0	25.1	25.2	26.2	26.4	27.2
≥ 10000	9.2	13.4	15.0	16.2	20.6	21.0	22.7	23.0	23.6	24.8	25.1	25.2	25.4	26.3	26.6	27.4
≥ 9000	9.3	13.9	15.5	16.7	21.1	21.5	23.2	23.5	24.2	25.4	25.6	25.8	25.9	27.0	27.2	28.0
≥ 8000	10.4	15.1	16.9	18.1	23.0	23.4	25.2	25.5	26.2	27.5	27.8	27.9	28.0	29.1	29.3	30.1
≥ 7000	11.3	16.1	17.8	19.0	23.9	24.3	26.2	26.4	27.1	28.4	28.7	28.8	29.0	30.0	30.3	31.1
≥ 6000	11.3	16.1	17.8	19.0	23.9	24.3	26.2	26.4	27.1	28.4	28.7	28.8	29.0	30.0	30.3	31.1
≥ 5000	11.4	16.2	17.9	19.1	24.2	24.6	26.4	26.7	27.4	28.7	29.1	29.2	29.3	30.4	30.7	31.5
≥ 4500	11.6	16.3	18.1	19.3	24.3	24.7	26.6	26.8	27.5	28.8	29.2	29.3	29.5	30.5	30.8	31.6
≥ 4000	12.6	17.8	19.5	20.7	26.2	26.7	28.6	29.0	29.7	31.5	31.9	32.0	32.1	33.2	33.5	34.3
≥ 3500	13.7	19.0	20.7	21.9	27.9	28.4	30.4	30.8	31.6	33.3	33.7	33.9	34.1	35.2	35.5	36.3
≥ 3000	14.5	20.1	21.9	23.2	29.5	30.0	32.4	33.1	33.9	35.7	36.1	36.4	37.1	38.1	38.5	39.3
≥ 2500	15.7	21.5	23.4	24.8	31.3	32.0	34.9	35.7	36.5	38.5	38.9	39.2	39.8	40.9	41.3	42.1
≥ 2000	16.9	23.1	25.0	26.7	33.7	34.4	37.3	38.2	39.0	41.2	41.6	41.8	42.5	43.6	44.1	44.9
≥ 1800	17.5	23.9	25.8	27.5	34.5	35.2	38.2	39.2	40.0	42.1	42.5	42.8	43.4	44.5	45.0	45.8
≥ 1500	20.2	27.1	29.3	31.3	39.0	39.7	42.8	43.8	44.6	46.7	47.1	47.4	48.1	49.1	49.8	50.6
≥ 1200	22.2	29.5	31.9	33.9	42.0	42.8	46.2	47.4	48.2	50.3	50.7	51.0	51.7	52.7	53.4	54.2
≥ 1000	22.8	30.4	33.1	35.3	44.0	45.0	49.0	50.6	51.4	53.7	54.1	54.3	55.0	56.0	56.7	57.5
≥ 900	23.8	31.7	34.4	36.8	45.7	46.7	50.7	52.3	53.1	55.4	55.8	56.0	56.7	57.8	58.4	59.2
≥ 800	24.3	32.4	35.5	38.0	47.4	48.5	53.0	55.0	55.8	58.2	58.6	58.8	59.5	60.8	61.5	62.3
≥ 700	24.7	32.8	36.0	38.8	48.9	50.1	55.0	57.0	57.9	60.8	61.2	61.5	62.2	63.5	64.1	64.9
≥ 600	25.8	34.4	38.0	40.9	51.7	52.9	58.6	60.8	61.8	64.9	65.6	65.9	66.5	67.9	68.5	69.3
≥ 500	26.[illegible]	34.9	38.6	42.5	54.2	55.5	62.2	64.7	65.7	69.6	70.4	70.7	71.6	72.9	73.7	74.5
≥ 400	26.4	35.6	39.3	43.3	55.5	57.1	64.7	67.9	69.2	73.7	74.8	75.2	76.2	77.6	78.4	79.3
≥ 300	26.7	36.0	39.7	43.7	56.2	57.8	65.7	69.3	70.7	76.5	78.1	79.0	80.5	82.9	83.7	84.6
≥ 200	26.8	36.3	40.0	44.0	56.7	58.4	66.5	70.5	72.0	78.6	80.6	81.7	83.5	87.3	89.5	90.6
≥ 100	26.8	36.3	40.0	44.0	56.7	58.4	66.9	70.9	72.8	79.7	81.8	83.3	85.8	90.4	94.4	98.0
≥ 0	26.8	36.3	40.0	44.0	56.7	58.4	66.9	70.9	72.8	79.7	81.8	83.3	85.8	90.6	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 753

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	7.6	13.7	15.4	16.3	18.4	18.7	19.7	20.8	21.2	21.6	21.8	22.5	22.5	22.6	22.9	24.2
≥ 20000	9.6	15.8	17.6	18.6	21.1	21.4	22.5	23.8	24.2	24.9	24.9	25.5	25.5	25.7	26.1	27.8
≥ 18000	9.6	15.8	17.6	18.6	21.1	21.4	22.5	23.8	24.2	24.9	24.9	25.5	25.5	25.7	26.1	27.8
≥ 16000	9.6	15.8	17.6	18.6	21.1	21.4	22.5	23.8	24.2	24.9	24.9	25.5	25.5	25.7	26.1	27.8
≥ 14000	9.6	15.8	17.6	18.6	21.1	21.4	22.5	23.8	24.2	24.9	24.9	25.5	25.5	25.7	26.1	27.8
≥ 12000	10.0	16.2	18.2	19.1	21.7	22.1	23.2	24.5	24.9	25.5	25.5	26.2	26.2	26.3	26.7	28.4
≥ 10000	10.5	16.7	18.7	19.6	22.2	22.6	23.8	25.1	25.5	26.2	26.2	26.8	26.8	27.0	27.4	29.2
≥ 9000	10.5	16.7	18.7	19.6	22.8	23.2	24.3	25.7	26.1	26.7	26.7	27.4	27.4	27.5	27.9	29.7
≥ 8000	11.2	17.5	19.5	20.5	24.1	24.5	25.7	27.1	27.5	28.2	28.2	28.8	28.8	28.9	29.3	31.2
≥ 7000	11.3	17.6	19.7	20.8	24.7	25.1	26.4	28.0	28.4	29.1	29.1	29.7	29.7	29.9	30.3	32.1
≥ 6000	11.3	17.9	20.0	21.1	25.0	25.4	26.7	28.3	28.7	29.3	29.3	30.0	30.0	30.1	30.5	32.4
≥ 5000	11.4	18.0	20.1	21.2	25.3	25.7	27.0	28.6	28.9	29.6	29.6	30.3	30.3	30.4	30.8	32.6
≥ 4500	11.4	18.2	20.3	21.3	25.4	25.8	27.1	28.7	29.1	29.7	29.7	30.4	30.4	30.5	30.9	32.8
≥ 4000	11.8	18.7	20.9	22.0	26.6	27.0	28.4	30.1	30.7	31.7	31.8	32.5	32.5	32.6	33.2	35.0
≥ 3500	12.1	19.3	21.8	22.9	27.5	27.9	29.3	31.1	31.6	32.6	32.8	33.4	33.4	33.6	34.1	35.9
≥ 3000	12.8	20.1	22.8	23.9	28.8	29.2	30.9	32.6	33.3	34.5	34.6	35.3	35.3	35.4	35.9	37.8
≥ 2500	14.1	22.0	24.7	26.1	31.2	31.6	33.7	35.4	36.1	37.2	37.4	38.0	38.0	38.2	38.7	40.5
≥ 2000	16.2	24.7	27.6	29.2	34.6	35.0	37.8	39.7	40.4	41.6	41.7	42.4	42.4	42.5	43.0	44.9
≥ 1800	17.7	25.9	28.9	30.9	36.4	36.8	39.7	41.7	42.4	43.6	43.7	44.3	44.3	44.5	45.0	46.8
≥ 1500	19.5	28.8	32.1	34.2	39.9	40.3	43.3	45.3	46.2	47.4	47.5	48.2	48.2	48.3	48.8	50.8
≥ 1200	21.8	32.4	35.9	38.2	44.1	44.5	48.2	50.3	51.2	52.6	52.8	53.4	53.4	53.6	54.1	56.1
≥ 1000	22.4	33.9	37.5	39.7	46.3	46.7	51.2	53.6	54.6	56.2	56.4	57.1	57.1	57.2	57.8	59.7
≥ 900	22.9	34.5	38.3	40.5	47.6	48.0	52.8	55.3	56.4	58.0	58.3	58.9	58.9	59.1	59.7	61.7
≥ 800	23.4	35.4	39.6	42.2	50.0	50.7	55.8	59.2	60.5	62.8	63.0	63.7	63.7	63.8	64.5	66.4
≥ 700	23.6	35.5	39.9	42.5	51.2	51.8	57.0	60.4	61.7	64.2	64.5	65.1	65.1	65.3	65.9	67.9
≥ 600	24.1	36.3	40.7	43.6	52.8	53.4	58.8	62.2	63.7	66.3	66.6	67.2	67.2	67.4	68.0	70.0
≥ 500	24.3	36.7	41.3	45.3	55.1	55.9	62.0	66.1	67.6	71.2	71.4	72.1	72.5	73.3	74.1	76.1
≥ 400	24.3	36.8	41.4	45.4	56.1	56.8	63.3	67.4	69.1	72.6	73.4	74.2	74.9	75.7	76.4	78.4
≥ 300	24.3	36.8	41.4	45.5	56.7	57.5	64.3	68.9	70.8	75.4	76.6	77.5	78.4	79.7	80.5	82.5
≥ 200	24.3	37.0	41.6	45.7	56.8	57.6	64.5	69.3	71.4	77.8	79.2	81.1	82.6	85.1	87.5	89.9
≥ 100	24.3	37.0	41.6	45.8	57.0	57.8	64.6	69.5	71.7	78.3	79.9	81.8	84.1	88.8	93.0	98.7
≥ 0	24.3	37.0	41.6	45.8	57.0	57.8	64.6	69.5	71.7	78.3	79.9	81.8	84.1	89.3	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS 760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (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	11.1	16.6	19.4	20.4	22.8	23.0	23.9	24.4	24.4	24.9	25.1	25.1	25.1	25.3	25.3	25.3
≥ 20000	13.5	19.5	22.3	23.4	26.0	26.1	27.0	27.7	27.7	28.4	28.6	28.6	28.6	28.9	28.9	28.9
≥ 18000	13.9	19.9	22.7	23.7	26.4	26.5	27.4	28.1	28.2	29.2	29.4	29.4	29.4	29.7	29.7	29.7
≥ 16000	14.0	20.2	23.0	24.0	26.6	26.8	27.7	28.4	28.5	29.4	29.7	29.7	29.7	29.9	29.9	29.9
≥ 14000	14.1	20.4	23.4	24.4	27.0	27.2	28.1	28.8	28.9	29.8	30.1	30.1	30.1	30.3	30.3	30.3
≥ 12000	14.4	21.1	24.0	25.1	27.7	27.8	28.8	29.4	29.6	30.5	30.7	30.7	30.7	31.1	31.1	31.1
≥ 10000	14.5	21.2	24.3	25.3	28.0	28.1	29.0	29.7	29.8	30.7	31.0	31.0	31.0	31.4	31.4	31.4
≥ 9000	14.5	21.4	24.4	25.5	28.1	28.2	29.2	29.8	29.9	30.9	31.1	31.1	31.1	31.5	31.5	31.5
≥ 8000	15.8	23.0	26.1	27.2	30.2	30.3	31.9	32.7	32.8	33.8	34.0	34.0	34.0	34.4	34.4	34.4
≥ 7000	16.5	23.7	27.0	28.2	31.3	31.4	33.0	33.8	33.9	34.8	35.1	35.1	35.1	35.5	35.5	35.5
≥ 6000	16.5	23.9	27.3	28.5	31.5	31.7	33.2	34.0	34.2	35.1	35.4	35.4	35.4	35.8	35.8	35.8
≥ 5000	16.6	24.0	27.4	28.6	31.7	31.8	33.6	34.4	34.6	35.6	35.9	35.9	35.9	36.3	36.3	36.3
≥ 4500	16.6	24.0	27.4	28.6	31.7	31.8	33.6	34.4	34.6	35.6	35.9	35.9	35.9	36.3	36.3	36.3
≥ 4000	17.2	24.9	28.6	29.8	33.0	33.1	35.1	35.9	36.0	37.2	37.5	37.5	37.6	38.0	38.0	38.0
≥ 3500	17.3	25.2	28.9	30.1	33.2	33.4	35.4	36.1	36.3	37.5	37.7	37.7	37.9	38.3	38.3	38.3
≥ 3000	18.3	27.0	31.1	32.3	35.5	35.6	37.6	38.4	38.5	39.7	40.0	40.0	40.1	40.5	40.5	40.5
≥ 2500	20.7	30.2	34.4	35.6	38.9	39.1	41.3	42.1	42.2	43.4	43.7	43.7	43.8	44.2	44.2	44.2
≥ 2000	24.1	35.0	39.4	40.9	44.6	44.9	47.1	48.0	48.2	49.3	49.6	49.6	49.7	50.1	50.1	50.1
≥ 1800	24.5	35.4	39.8	41.3	45.0	45.3	47.5	48.4	48.5	49.7	50.0	50.0	50.1	50.5	50.5	50.5
≥ 1500	27.4	40.2	44.9	46.4	50.5	50.8	53.0	54.6	54.9	56.1	56.3	56.3	56.5	56.9	56.9	56.9
≥ 1200	29.4	43.0	48.0	50.0	54.9	55.4	57.9	59.6	59.9	61.5	61.7	61.7	61.9	62.3	62.3	62.3
≥ 1000	30.5	44.2	49.2	51.6	57.3	57.9	61.3	63.6	64.0	65.8	66.1	66.1	66.2	66.6	66.6	66.6
≥ 900	31.3	45.1	50.1	52.6	58.3	59.0	62.4	64.6	65.0	66.9	67.2	67.2	67.3	67.7	67.7	67.7
≥ 800	31.8	46.8	51.8	54.6	60.8	61.6	65.2	67.9	68.5	70.4	70.7	70.7	71.0	71.5	71.5	71.5
≥ 700	32.2	47.6	52.8	55.7	62.1	62.9	66.5	69.3	69.9	72.0	72.3	72.3	72.6	73.1	73.4	73.4
≥ 600	32.3	47.9	53.0	56.6	63.6	64.4	68.1	71.0	72.2	74.7	74.9	74.9	75.2	75.7	76.0	76.0
≥ 500	32.5	48.2	53.3	57.3	64.6	65.7	70.7	73.7	75.2	78.1	78.5	78.6	79.0	79.7	79.9	79.9
≥ 400	32.7	48.8	54.1	58.2	65.6	66.9	72.8	76.1	78.0	81.1	81.8	81.9	82.3	83.0	83.2	83.2
≥ 300	32.7	48.9	54.4	58.4	66.0	67.4	74.4	78.5	80.5	84.8	85.5	85.8	86.3	87.9	88.1	88.1
≥ 200	32.7	49.1	54.5	58.6	66.2	67.7	74.9	79.4	81.5	86.9	87.7	88.7	90.2	93.0	93.8	94.1
≥ 100	32.7	49.1	54.5	58.6	66.2	67.7	74.9	79.4	81.5	87.3	88.5	89.8	91.7	95.1	97.2	100.0
≥ 0	32.7	49.1	54.5	58.6	66.2	67.7	74.9	79.4	81.5	87.3	88.5	89.8	91.7	95.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 758

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (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	13.5	20.9	22.8	24.9	25.7	25.7	26.8	26.8	26.9	27.2	27.4	27.4	27.4	27.4	27.4	27.4
≥ 20000	17.5	25.7	28.2	30.3	31.8	31.8	32.8	32.8	33.2	33.6	33.9	33.9	33.9	33.9	33.9	33.9
≥ 18000	18.0	26.2	28.7	30.8	32.3	32.3	33.3	33.3	33.9	34.4	34.6	34.8	34.8	34.8	34.8	34.8
≥ 16000	18.2	26.5	29.0	31.1	32.5	32.5	33.6	33.6	34.1	34.6	34.9	35.0	35.0	35.0	35.0	35.0
≥ 14000	18.2	26.5	29.0	31.1	32.5	32.5	33.6	33.6	34.1	34.6	34.9	35.0	35.0	35.0	35.0	35.0
≥ 12000	18.9	27.6	30.1	32.2	33.7	33.7	34.8	34.8	35.3	35.8	36.1	36.2	36.2	36.2	36.2	36.2
≥ 10000	20.1	29.5	32.0	34.1	35.7	35.7	36.7	36.7	37.3	37.8	38.1	38.2	38.2	38.2	38.2	38.2
≥ 9000	20.2	29.7	32.2	34.3	35.8	35.8	36.9	36.9	37.4	37.9	38.2	38.3	38.3	38.3	38.3	38.3
≥ 8000	21.7	31.8	34.4	36.9	38.5	38.5	39.6	39.9	40.6	41.1	41.3	41.5	41.5	41.5	41.5	41.5
≥ 7000	22.0	32.4	35.2	37.7	39.4	39.4	40.6	40.8	41.5	42.1	42.4	42.5	42.5	42.5	42.5	42.5
≥ 6000	22.2	32.5	35.6	38.1	39.8	39.8	40.9	41.2	41.9	42.5	42.8	42.9	42.9	42.9	42.9	42.9
≥ 5000	22.3	32.8	36.0	38.5	40.2	40.2	41.5	41.9	42.7	43.4	43.8	44.0	44.0	44.0	44.0	44.0
≥ 4500	22.3	32.8	36.0	38.5	40.2	40.2	41.5	41.9	42.7	43.4	43.8	44.0	44.0	44.0	44.0	44.0
≥ 4000	22.8	33.3	36.7	39.5	41.2	41.3	42.8	43.3	44.1	44.9	45.3	45.4	45.4	45.4	45.4	45.5
≥ 3500	23.0	33.6	37.0	39.8	41.5	41.6	43.0	43.7	44.5	45.3	45.7	45.8	45.8	45.8	45.9	46.2
≥ 3000	23.8	35.2	38.7	41.5	43.6	43.7	45.1	45.8	46.6	47.4	47.8	47.9	47.9	47.9	48.0	48.3
≥ 2500	27.7	39.8	43.6	46.5	48.8	49.0	50.4	51.0	51.8	52.6	53.0	53.1	53.1	53.1	53.3	53.5
≥ 2000	30.3	43.6	47.6	50.9	53.8	53.9	56.0	56.7	57.6	58.5	58.9	59.1	59.1	59.2	59.3	59.6
≥ 1800	30.8	44.5	48.6	51.8	54.7	54.9	57.0	57.6	58.7	59.6	60.0	60.1	60.1	60.2	60.4	60.6
≥ 1500	33.5	48.0	52.5	55.9	59.3	59.6	61.7	62.5	64.0	65.0	65.4	65.6	65.6	65.7	65.9	66.1
≥ 1200	34.5	50.3	54.9	59.1	62.7	63.1	65.5	66.7	68.2	69.3	69.7	69.9	69.9	70.2	70.3	70.6
≥ 1000	35.2	51.3	56.0	60.6	65.0	65.5	68.5	69.7	71.3	72.3	72.7	73.0	73.0	73.2	73.4	73.6
≥ 900	35.7	52.2	57.0	61.5	66.3	66.8	69.8	71.0	72.7	73.9	74.3	74.5	74.5	74.8	74.9	75.2
≥ 800	36.1	53.0	58.0	62.6	67.6	68.2	71.5	73.0	74.8	76.1	76.5	76.8	76.8	77.0	77.2	77.4
≥ 700	36.5	53.7	58.9	63.5	68.5	69.2	72.6	74.1	76.1	77.7	78.2	78.5	78.6	78.9	79.0	79.3
≥ 600	36.9	54.5	59.8	64.6	69.9	70.7	75.1	76.8	79.3	81.0	81.5	81.8	81.9	82.2	82.3	82.5
≥ 500	37.0	54.6	60.0	64.7	71.1	72.3	77.2	79.1	81.6	83.6	84.1	84.4	84.5	84.8	84.9	85.2
≥ 400	37.0	54.6	60.0	64.8	71.5	72.7	78.3	80.4	83.1	85.0	85.6	86.0	86.1	86.4	86.5	86.7
≥ 300	37.0	54.6	60.0	65.0	71.9	73.2	79.4	81.9	84.8	87.7	88.3	88.8	89.4	89.9	90.0	90.3
≥ 200	37.0	54.6	60.0	65.0	72.0	73.4	79.7	82.3	85.6	89.2	90.3	90.9	92.3	93.6	94.1	94.4
≥ 100	37.0	54.6	60.0	65.0	72.0	73.4	79.7	82.3	85.7	89.5	90.8	91.6	92.9	95.4	97.4	100.0
≥ 0	37.0	54.6	60.0	65.0	72.0	73.4	79.7	82.3	85.7	89.5	90.8	91.6	92.9	95.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 762

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6162 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	13.8	20.2	22.9	24.0	26.1	26.3	26.7	26.9	26.9	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 20000	18.0	25.4	28.0	29.6	32.7	32.9	33.4	33.8	34.0	34.6	34.7	34.7	34.7	34.8	34.8	34.8
≥ 18000	18.0	25.4	28.0	29.6	32.9	33.0	33.5	33.9	34.2	34.7	34.8	34.8	34.8	35.1	35.1	35.1
≥ 16000	18.3	25.6	28.3	29.8	33.1	33.2	33.8	34.2	34.4	35.0	35.1	35.1	35.1	35.3	35.3	35.3
≥ 14000	18.4	25.9	28.5	30.1	33.4	33.5	34.0	34.4	34.7	35.2	35.3	35.3	35.3	35.6	35.6	35.6
≥ 12000	18.7	26.4	29.0	30.6	33.9	34.0	34.6	35.0	35.2	35.7	35.9	35.9	35.9	36.1	36.1	36.1
≥ 10000	19.2	26.9	29.7	31.3	34.6	34.7	35.2	35.6	35.9	36.7	36.8	36.8	36.8	37.1	37.1	37.1
≥ 9000	19.4	27.6	30.4	31.9	35.2	35.3	35.9	36.3	36.5	37.3	37.5	37.5	37.5	37.7	37.7	37.7
≥ 8000	20.9	29.3	32.1	33.8	37.2	37.3	37.8	38.2	38.5	39.3	39.4	39.4	39.4	39.7	39.7	39.7
≥ 7000	21.4	29.8	32.6	34.3	37.8	38.0	38.6	39.0	39.3	40.3	40.5	40.5	40.5	40.7	40.7	40.7
≥ 6000	21.4	29.8	32.6	34.3	38.0	38.1	38.9	39.3	39.6	40.6	40.7	40.7	40.7	41.0	41.0	41.0
≥ 5000	21.4	29.8	32.6	34.3	38.4	38.5	39.4	39.8	40.1	41.5	41.7	41.7	41.7	41.9	41.9	41.9
≥ 4500	21.6	30.0	32.7	34.4	38.5	38.6	39.6	39.9	40.2	41.7	41.8	41.8	41.8	42.0	42.0	42.0
≥ 4000	21.9	31.1	34.3	36.0	40.2	40.3	41.4	41.9	42.2	43.8	43.9	43.9	44.0	44.4	44.4	44.4
≥ 3500	22.7	32.1	35.2	37.1	41.8	41.9	43.1	43.9	44.2	45.7	45.9	45.9	46.0	46.4	46.4	46.4
≥ 3000	23.5	33.0	36.4	38.4	43.5	43.6	45.1	46.1	46.4	48.0	48.1	48.1	48.2	48.6	48.6	48.6
≥ 2500	25.4	35.3	39.2	41.4	46.5	46.6	48.2	49.3	49.5	51.1	51.2	51.2	51.4	51.8	51.8	51.8
≥ 2000	27.3	38.6	42.4	44.8	50.3	50.5	52.4	53.6	53.9	55.8	56.0	56.0	56.1	56.5	56.5	56.5
≥ 1800	27.6	39.0	43.0	45.5	51.4	51.5	53.6	54.8	55.1	57.0	57.3	57.3	57.4	58.0	58.0	58.0
≥ 1500	29.7	41.4	45.9	49.1	55.7	56.0	58.6	60.1	60.4	62.4	62.7	62.7	62.8	63.3	63.3	63.3
≥ 1200	30.5	42.3	46.9	51.0	58.3	58.7	61.8	63.3	63.7	66.1	66.5	66.5	66.6	67.1	67.1	67.1
≥ 1000	31.0	44.4	49.0	53.4	61.2	62.0	66.2	67.9	68.5	71.0	71.4	71.4	71.5	72.1	72.1	72.1
≥ 900	31.0	44.5	49.1	53.6	61.8	62.5	66.8	68.5	69.0	71.5	71.9	71.9	72.0	72.7	72.7	72.7
≥ 800	31.4	45.6	50.3	54.9	63.7	64.5	68.9	71.1	71.6	74.1	74.5	74.5	74.6	75.3	75.3	75.3
≥ 700	31.7	46.3	51.1	55.8	64.8	65.6	70.2	72.7	73.6	76.2	76.6	76.6	76.7	77.4	77.4	77.4
≥ 600	31.9	46.6	51.6	56.4	65.7	66.5	71.5	74.2	75.2	78.3	78.7	79.1	79.2	79.9	79.9	79.9
≥ 500	32.1	46.8	51.9	56.6	66.6	67.4	72.8	76.1	77.3	80.6	80.9	81.5	81.6	82.4	82.4	82.4
≥ 400	32.1	46.8	51.9	56.6	67.1	67.9	74.2	77.8	79.2	82.9	83.4	84.0	84.1	84.9	84.9	84.9
≥ 300	32.1	46.9	52.0	56.8	67.4	68.2	74.5	78.1	79.6	84.4	85.5	86.6	87.1	88.4	88.4	88.4
≥ 200	32.1	46.9	52.0	56.8	67.5	68.3	74.8	78.7	80.4	85.7	87.0	88.3	89.8	93.0	93.8	94.3
≥ 100	32.1	46.9	52.0	56.8	67.5	68.3	74.9	79.1	80.9	86.5	87.8	89.1	90.8	94.9	96.7	99.7
≥ 0	32.1	46.9	52.0	56.8	67.5	68.3	74.9	79.1	80.9	86.5	87.8	89.2	90.9	95.0	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 781

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	16.7	22.0	23.3	24.2	28.1	28.3	29.4	30.9	31.4	32.2	32.5	32.5	32.5	32.5	32.5	32.6
≥ 20000	18.1	23.7	25.8	27.2	31.1	31.4	32.5	33.9	34.4	35.5	35.8	35.8	35.8	35.8	35.8	35.9
≥ 18000	18.1	23.7	25.8	27.2	31.1	31.4	32.5	33.9	34.4	35.5	35.8	35.8	35.8	35.8	35.8	35.9
≥ 16000	18.1	23.7	25.8	27.2	31.1	31.4	32.5	33.9	34.4	35.5	35.8	35.8	35.8	35.8	35.8	35.9
≥ 14000	18.3	23.8	26.0	27.3	31.3	31.5	32.6	34.0	34.6	35.6	35.9	35.9	35.9	35.9	35.9	36.0
≥ 12000	18.5	24.4	26.5	27.8	31.8	32.1	33.1	34.6	35.1	36.2	36.4	36.4	36.4	36.4	36.4	36.6
≥ 10000	18.8	24.8	26.9	28.2	32.2	32.5	33.5	35.0	35.5	36.6	36.8	36.8	36.8	37.0	37.0	37.1
≥ 9000	19.1	25.0	27.2	28.5	32.5	32.7	33.8	35.2	35.8	36.8	37.1	37.1	37.1	37.2	37.2	37.4
≥ 8000	20.1	26.5	29.0	30.3	34.4	34.7	35.8	37.2	37.7	38.8	39.1	39.1	39.1	39.2	39.2	39.3
≥ 7000	20.5	27.3	29.8	31.1	35.2	35.5	36.7	38.1	38.7	39.7	40.0	40.0	40.1	40.3	40.3	40.4
≥ 6000	20.8	27.7	30.2	31.5	35.6	35.9	37.1	38.5	39.1	40.1	40.4	40.4	40.5	40.7	40.7	40.8
≥ 5000	20.8	27.9	30.5	31.8	35.9	36.2	37.4	38.8	39.3	40.4	40.7	40.7	40.8	40.9	40.9	41.1
≥ 4500	20.9	28.2	30.7	32.1	36.3	36.6	37.7	39.2	39.7	40.8	41.1	41.1	41.2	41.3	41.3	41.5
≥ 4000	22.3	29.7	32.2	33.5	38.4	39.1	40.4	42.0	42.6	43.7	44.0	44.0	44.1	44.5	44.5	44.6
≥ 3500	24.0	31.7	34.3	35.6	40.9	41.6	42.9	44.6	45.3	46.4	46.6	46.6	46.8	47.2	47.2	47.3
≥ 3000	25.4	33.8	36.8	38.3	43.7	44.5	45.8	47.5	48.2	49.3	49.5	49.5	49.7	50.1	50.1	50.2
≥ 2500	26.5	35.4	38.4	39.9	45.6	46.4	47.9	49.7	50.3	51.4	51.7	51.7	51.9	52.3	52.3	52.5
≥ 2000	28.2	38.1	41.3	42.9	48.9	49.7	51.4	53.1	53.9	55.1	55.4	55.4	55.6	56.0	56.0	56.2
≥ 1800	28.3	38.4	41.6	43.2	49.4	50.2	51.9	53.6	54.4	55.8	56.0	56.0	56.3	56.7	56.7	56.8
≥ 1500	29.4	39.9	43.3	45.2	52.2	53.8	56.3	58.1	58.9	60.3	60.5	60.5	60.8	61.2	61.2	61.3
≥ 1200	29.8	40.8	44.4	47.0	54.7	56.3	58.9	60.9	61.7	63.0	63.3	63.3	63.6	64.0	64.0	64.1
≥ 1000	31.4	43.0	46.8	49.8	58.1	59.9	64.1	66.5	67.3	68.9	69.4	69.4	69.7	70.1	70.1	70.2
≥ 900	31.4	43.3	47.0	50.1	58.7	60.5	65.0	67.4	68.2	69.8	70.3	70.3	70.6	71.0	71.0	71.1
≥ 800	32.2	45.0	48.9	51.9	61.2	63.0	68.5	71.1	71.9	73.5	74.0	74.0	74.3	74.7	74.7	74.8
≥ 700	32.5	45.3	49.1	52.7	62.8	64.6	70.3	73.2	74.2	75.9	76.4	76.4	76.7	77.1	77.1	77.2
≥ 600	32.7	45.6	49.4	53.0	63.3	65.3	71.0	74.2	75.2	77.6	78.1	78.3	78.5	78.9	78.9	79.1
≥ 500	32.8	45.8	49.7	53.5	65.2	67.3	73.4	76.7	78.1	81.5	82.1	82.3	82.5	83.2	83.2	83.3
≥ 400	32.8	45.8	49.7	53.5	65.6	67.7	74.8	78.5	80.1	83.4	84.2	84.4	84.6	85.4	85.4	85.6
≥ 300	32.8	45.8	49.7	53.5	65.8	67.9	75.4	79.5	81.2	84.9	86.0	86.1	86.4	87.8	87.8	87.9
≥ 200	32.8	45.8	49.7	53.5	65.8	67.9	75.5	79.9	81.6	85.8	87.4	87.7	88.3	91.8	91.9	92.2
≥ 100	33.0	46.0	49.8	53.6	66.0	68.1	75.6	80.3	82.0	86.6	88.6	88.9	89.5	94.4	95.9	98.7
≥ 0	33.0	46.0	49.8	53.6	66.0	68.1	75.8	80.4	82.1	86.8	88.7	89.0	89.7	94.7	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 755

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.75	≥1.5	≥1.25	≥1.0	≥0.75	≥0.5	≥0.375	≥0.25	≥0.0
NO CEILING	11.7	17.5	19.4	20.5	23.4	23.7	24.6	25.5	25.9	26.6	26.8	26.9	27.0	27.3	27.4	27.7
≥ 20000	13.9	20.1	22.3	23.5	26.8	27.1	28.1	29.1	29.5	30.4	30.6	30.7	30.8	31.1	31.2	31.6
≥ 18000	14.0	20.2	22.4	23.7	27.0	27.4	28.3	29.3	29.8	30.7	30.9	31.0	31.1	31.4	31.5	31.9
≥ 16000	14.1	20.4	22.6	23.8	27.2	27.5	28.5	29.5	29.9	30.8	31.0	31.2	31.3	31.6	31.7	32.1
≥ 14000	14.2	20.5	22.7	24.0	27.3	27.6	28.6	29.6	30.1	30.9	31.2	31.3	31.4	31.7	31.8	32.2
≥ 12000	14.4	20.9	23.2	24.4	27.8	28.2	29.2	30.2	30.6	31.5	31.7	31.9	32.0	32.3	32.4	32.8
≥ 10000	14.9	21.5	23.9	25.1	28.5	28.9	29.9	30.9	31.3	32.2	32.5	32.6	32.7	33.0	33.1	33.6
≥ 9000	15.1	21.8	24.1	25.4	28.9	29.2	30.2	31.2	31.7	32.6	32.8	32.9	33.1	33.4	33.5	33.9
≥ 8000	16.0	23.0	25.5	26.8	30.6	30.9	32.1	33.1	33.6	34.5	34.7	34.9	35.0	35.3	35.4	35.9
≥ 7000	16.4	23.6	26.1	27.4	31.2	31.6	32.8	33.9	34.4	35.3	35.6	35.7	35.9	36.2	36.3	36.8
≥ 6000	16.5	23.7	26.3	27.6	31.5	31.8	33.0	34.1	34.6	35.6	35.8	36.0	36.1	36.4	36.6	37.0
≥ 5000	16.6	23.9	26.4	27.8	31.8	32.1	33.4	34.5	35.0	36.1	36.4	36.5	36.7	37.0	37.1	37.6
≥ 4500	16.7	24.0	26.6	27.9	31.9	32.2	33.5	34.7	35.2	36.2	36.5	36.6	36.8	37.1	37.3	37.7
≥ 4000	17.6	25.3	28.0	29.5	33.7	34.2	35.6	36.9	37.5	38.7	39.0	39.1	39.3	39.7	39.9	40.3
≥ 3500	18.5	26.4	29.2	30.7	35.2	35.6	37.1	38.5	39.1	40.3	40.6	40.8	41.0	41.4	41.6	42.0
≥ 3000	19.5	27.8	30.8	32.4	37.2	37.6	39.4	40.9	41.5	42.8	43.1	43.2	43.5	43.9	44.2	44.7
≥ 2500	21.2	30.1	33.2	34.9	39.9	40.4	42.5	43.9	44.6	45.8	46.1	46.3	46.5	47.0	47.3	47.7
≥ 2000	23.5	33.2	36.5	38.3	43.8	44.3	46.7	48.3	48.9	50.3	50.7	50.8	51.1	51.6	51.8	52.3
≥ 1800	24.0	33.9	37.2	39.1	44.6	45.2	47.6	49.2	49.9	51.3	51.6	51.7	52.0	52.5	52.8	53.3
≥ 1500	26.2	36.9	40.4	42.5	48.6	49.4	52.0	53.8	54.6	56.0	56.4	56.5	56.8	57.3	57.6	58.1
≥ 1200	27.6	39.0	42.7	45.3	52.3	53.1	56.1	58.1	58.9	60.5	60.8	61.0	61.2	61.8	62.1	62.5
≥ 1000	28.4	40.4	44.2	47.2	54.7	55.7	59.6	61.8	62.7	64.5	64.9	65.1	65.4	65.9	66.2	66.7
≥ 900	28.8	41.0	44.8	47.9	55.7	56.7	60.8	63.0	64.0	65.7	66.2	66.3	66.6	67.2	67.5	67.9
≥ 800	29.4	42.2	46.3	49.5	57.8	58.9	63.4	66.0	67.0	68.9	69.3	69.4	69.7	70.3	70.7	71.1
≥ 700	29.7	42.7	46.8	50.2	59.0	60.1	64.8	67.5	68.6	70.8	71.2	71.4	71.7	72.3	72.6	73.1
≥ 600	30.1	43.3	47.6	51.2	60.5	61.6	66.8	69.7	71.0	73.5	73.9	74.1	74.5	75.1	75.4	75.9
≥ 500	30.3	43.6	48.0	51.9	62.0	63.4	69.2	72.4	73.9	76.9	77.4	77.7	78.1	79.0	79.3	79.8
≥ 400	30.3	43.9	48.2	52.3	62.7	64.1	70.8	74.3	75.9	79.2	79.9	80.2	80.7	81.6	81.9	82.4
≥ 300	30.4	44.0	48.4	52.5	63.2	64.6	71.8	75.7	77.6	81.7	82.8	83.3	84.2	85.7	86.1	86.6
≥ 200	30.5	44.1	48.4	52.6	63.4	64.9	72.2	76.5	78.5	83.6	85.0	85.9	87.3	90.4	91.5	92.2
≥ 100	30.5	44.1	48.5	52.6	63.4	64.9	72.4	76.7	78.9	84.3	85.9	86.9	88.8	93.1	95.9	99.0
≥ 0	30.5	44.1	48.5	52.6	63.4	64.9	72.4	76.7	78.9	84.3	85.9	87.0	88.8	93.2	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6058

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

I 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	21.5	26.4	27.9	28.4	30.0	30.0	30.6	31.4	31.8	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 20000	24.2	29.9	31.4	32.1	33.8	33.8	34.6	35.5	35.9	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 18000	24.2	29.9	31.4	32.1	33.9	33.9	34.8	35.6	36.0	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 16000	24.2	29.9	31.4	32.1	33.9	33.9	34.8	35.6	36.0	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 14000	24.2	29.9	31.4	32.1	33.9	33.9	34.8	35.6	36.0	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 12000	24.3	30.0	31.6	32.2	34.0	34.0	34.9	35.7	36.1	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 10000	24.6	30.6	33.2	33.8	35.6	35.6	36.5	37.3	37.7	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 9000	24.7	30.8	33.4	34.0	36.0	36.1	37.1	38.0	38.3	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 8000	24.9	31.7	34.3	34.9	36.9	37.0	38.0	38.8	39.2	39.9	40.0	40.0	40.0	40.0	40.0	40.0
≥ 7000	25.7	32.4	35.0	35.6	37.6	37.7	38.8	39.7	40.0	40.8	40.9	40.9	40.9	40.9	40.9	40.9
≥ 6000	25.8	32.9	35.5	36.2	38.2	38.3	39.6	40.4	40.8	41.5	41.6	41.6	41.6	41.6	41.6	41.6
≥ 5000	27.3	34.6	37.6	38.3	40.7	40.8	42.0	42.9	43.2	44.0	44.1	44.1	44.1	44.2	44.2	44.2
≥ 4500	28.7	36.7	39.8	40.5	42.9	43.	44.2	45.1	45.5	46.2	46.3	46.3	46.3	46.4	46.4	46.4
≥ 4000	31.8	41.4	44.6	45.5	48.2	48.3	49.9	50.7	51.1	51.8	52.0	52.0	52.0	52.1	52.1	52.1
≥ 3500	33.3	44.1	47.3	48.2	50.9	51.0	52.6	53.4	53.8	54.5	55.0	55.0	55.0	55.2	55.2	55.2
≥ 3000	35.3	47.2	50.7	51.6	54.8	54.9	56.6	57.5	57.9	58.6	59.1	59.1	59.1	59.2	59.2	59.2
≥ 2500	37.2	49.9	53.4	54.3	57.7	57.9	59.6	60.4	60.8	61.5	62.0	62.0	62.0	62.2	62.2	62.2
≥ 2000	38.3	52.1	55.8	56.6	60.1	60.3	62.3	63.1	63.5	64.3	64.7	64.7	64.7	64.9	64.9	64.9
≥ 1800	38.5	52.6	56.6	57.5	60.9	61.2	63.3	64.1	64.5	65.2	65.7	65.7	65.7	65.8	65.8	65.8
≥ 1500	40.9	55.4	59.6	60.6	65.2	65.5	67.7	68.8	69.2	69.9	70.4	70.4	70.4	70.5	70.5	70.5
≥ 1200	42.5	57.6	61.8	63.3	69.0	69.4	71.6	72.7	73.1	74.1	74.6	74.6	74.6	74.7	74.7	74.7
≥ 1000	43.2	59.0	63.1	64.6	70.9	71.3	73.5	74.7	75.1	76.2	76.7	76.7	76.7	76.8	76.8	76.8
≥ 900	43.5	60.0	64.1	65.8	72.9	73.3	75.8	77.0	77.5	78.7	79.2	79.2	79.2	79.4	79.4	79.4
≥ 800	43.6	60.7	65.1	67.0	74.4	74.9	77.5	78.9	79.4	80.6	81.1	81.1	81.1	81.2	81.2	81.2
≥ 700	44.1	61.5	66.2	68.1	75.8	76.3	78.9	80.3	81.1	82.3	82.8	82.8	82.8	82.9	82.9	82.9
≥ 600	44.5	62.2	67.0	69.2	76.9	77.4	80.6	82.1	83.0	84.5	85.0	85.0	85.0	85.1	85.1	85.1
≥ 500	44.6	62.3	67.3	69.5	77.6	78.3	82.2	84.4	85.4	86.9	87.3	87.3	87.3	87.7	87.7	87.7
≥ 400	44.8	62.8	67.8	70.0	78.5	79.2	83.3	85.9	87.0	88.7	89.3	89.3	89.3	89.8	89.8	89.8
≥ 300	44.8	62.9	67.9	70.1	78.7	79.5	83.7	86.2	87.6	89.4	90.2	90.2	90.2	90.7	91.0	91.0
≥ 200	44.8	62.9	67.9	70.3	79.0	79.9	84.3	86.9	88.5	90.8	91.6	91.8	92.3	94.1	94.7	95.1
≥ 100	44.8	62.9	67.9	70.3	79.0	79.9	84.4	87.0	88.9	91.5	92.5	92.8	93.6	96.3	97.9	99.4
≥ 0	44.8	62.9	67.9	70.3	79.0	79.9	84.4	87.0	88.9	91.5	92.5	92.9	93.7	96.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 818

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	15.4	20.4	22.0	22.5	24.7	24.7	25.9	29.2	26.2	27.2	27.2	27.2	27.2	27.3	27.4	27.4
≥ 20000	18.1	23.4	25.0	25.5	27.8	27.8	29.4	29.6	29.6	31.0	31.0	31.0	31.0	31.2	31.3	31.3
≥ 18000	18.1	23.4	25.0	25.5	27.8	27.8	29.4	29.6	29.6	31.0	31.0	31.0	31.0	31.2	31.3	31.3
≥ 16000	18.1	23.4	25.0	25.5	27.8	27.8	29.4	29.6	29.6	31.0	31.0	31.0	31.0	31.2	31.3	31.3
≥ 14000	18.1	23.4	25.0	25.5	27.8	27.8	29.4	29.6	29.6	31.0	31.0	31.0	31.0	31.2	31.3	31.3
≥ 12000	18.4	23.7	25.3	25.8	28.3	28.3	29.9	30.1	30.1	31.5	31.5	31.5	31.5	31.7	31.8	31.8
≥ 10000	19.2	24.8	27.3	27.9	30.6	30.6	32.2	32.4	32.4	33.8	33.8	33.8	33.8	34.0	34.1	34.1
≥ 9000	19.3	25.0	27.4	28.0	31.0	31.0	32.6	32.8	32.8	34.1	34.1	34.1	34.1	34.4	34.5	34.5
≥ 8000	20.8	26.8	29.3	30.0	32.9	32.9	34.8	35.0	35.0	36.4	36.4	36.4	36.4	36.6	36.7	36.7
≥ 7000	21.2	27.2	29.6	30.4	33.3	33.3	35.1	35.4	35.4	36.7	36.7	36.7	36.7	37.0	37.1	37.1
≥ 6000	21.3	27.7	30.1	30.8	33.8	33.8	35.6	35.9	35.9	37.2	37.5	37.5	37.5	37.7	37.8	37.8
≥ 5000	21.9	28.9	31.7	32.8	35.9	36.0	38.2	38.4	38.4	39.8	40.0	40.0	40.0	40.3	40.4	40.4
≥ 4500	23.3	30.5	33.3	34.6	37.7	37.8	40.0	40.3	40.3	41.6	41.9	41.9	41.9	42.1	42.2	42.2
≥ 4000	26.2	33.9	37.0	38.6	42.2	42.4	44.7	44.9	44.9	46.3	46.5	46.5	46.5	46.8	46.9	46.9
≥ 3500	27.5	36.7	39.9	41.6	45.4	45.5	47.9	48.1	48.1	49.4	49.7	49.7	49.7	49.9	50.1	50.1
≥ 3000	30.2	40.6	43.8	46.0	50.1	50.2	52.6	52.9	52.9	54.2	54.8	54.8	54.8	55.1	55.2	55.2
≥ 2500	32.4	43.2	46.5	49.0	53.4	53.6	56.1	56.3	56.3	57.6	58.3	58.3	58.3	58.5	58.6	58.6
≥ 2000	33.4	44.6	47.9	50.3	54.8	55.1	57.6	57.9	57.9	59.2	59.9	59.9	59.9	60.1	60.2	60.2
≥ 1800	34.3	45.4	48.8	51.5	56.3	56.5	59.1	59.4	59.4	60.7	61.3	61.3	61.3	61.6	61.7	61.7
≥ 1500	36.6	47.7	51.3	54.5	60.2	60.7	63.3	63.8	64.0	65.6	66.2	66.2	66.2	66.5	66.6	66.6
≥ 1200	39.5	51.4	55.2	58.8	65.4	65.9	68.7	69.2	69.4	71.1	71.7	71.7	71.7	72.0	72.1	72.1
≥ 1000	40.0	52.5	56.4	60.3	67.8	68.3	71.5	72.0	72.3	74.1	74.8	74.8	74.8	75.0	75.2	75.2
≥ 900	40.3	53.1	57.0	61.0	68.8	69.3	72.8	73.6	73.9	75.8	76.5	76.5	76.5	76.7	76.9	76.9
≥ 800	41.0	54.3	58.6	62.7	70.7	71.2	75.[illegible]	76.1	76.6	78.6	79.3	79.3	79.3	79.6	79.7	79.7
≥ 700	41.0	54.3	58.6	62.7	71.4	71.8	75.9	77.1	77.6	79.6	80.4	80.4	80.4	80.7	80.8	80.8
≥ 600	41.5	55.0	59.4	63.4	72.6	73.2	77.6	78.8	79.4	81.4	82.3	82.3	82.4	82.6	82.7	82.7
≥ 500	41.9	55.3	59.9	63.9	73.6	74.7	79.9	81.3	81.9	84.3	85.2	85.2	85.3	85.6	85.7	85.7
≥ 400	41.9	55.3	59.9	63.9	73.8	74.9	80.4	82.1	82.7	85.6	86.5	86.5	86.7	86.9	87.0	87.0
≥ 300	42.0	55.6	60.2	64.4	74.5	75.6	81.5	83.5	84.2	87.1	88.2	88.2	88.5	88.9	89.6	89.7
≥ 200	42.0	55.6	60.2	64.4	74.5	75.6	81.6	83.7	84.9	88.2	89.5	89.7	90.2	91.1	92.2	92.5
≥ 100	42.0	55.6	60.2	64.4	74.5	75.6	81.6	83.7	84.9	88.9	90.2	90.6	91.6	94.2	97.1	98.7
≥ 0	42.0	55.6	60.2	64.4	74.5	75.6	81.6	83.7	84.9	88.9	90.2	90.6	91.6	94.4	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 817

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (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	10.9	16.2	16.9	17.3	19.7	20.0	21.5	22.2	22.5	23.2	23.4	23.4	23.6	23.8	23.8	23.9
≥ 20000	13.2	18.8	19.6	19.9	22.5	22.8	24.4	25.6	26.0	26.7	26.9	26.9	27.1	27.3	27.3	27.4
≥ 18000	13.4	19.1	19.8	20.2	22.7	23.1	24.6	25.8	26.2	26.9	27.2	27.2	27.3	27.5	27.5	27.7
≥ 16000	13.4	19.1	19.8	20.2	22.7	23.1	24.6	25.8	26.2	26.9	27.2	27.2	27.3	27.5	27.5	27.7
≥ 14000	13.5	19.2	19.9	20.3	22.8	23.2	24.8	26.0	26.3	27.2	27.4	27.4	27.5	27.9	27.9	28.0
≥ 12000	14.0	19.7	20.4	20.8	23.3	23.7	25.2	26.4	26.8	27.7	27.9	27.9	28.0	28.4	28.4	28.5
≥ 10000	15.2	21.0	21.7	22.1	24.8	25.1	26.8	28.0	28.4	29.3	29.6	29.6	29.7	30.1	30.1	30.2
≥ 9000	15.5	21.3	22.0	22.3	25.0	25.4	27.1	28.3	28.7	29.7	30.0	30.0	30.1	30.4	30.4	30.6
≥ 8000	16.4	22.5	23.2	23.8	26.7	27.1	29.0	30.3	30.9	31.9	32.1	32.1	32.2	32.6	32.6	[illegible]
≥ 7000	17.4	23.4	24.4	25.0	27.9	28.3	30.2	31.5	32.1	33.1	33.3	33.3	33.5	33.8	33.8	[illegible]
≥ 6000	17.5	23.8	24.8	25.4	28.4	28.7	30.7	32.1	32.7	33.7	33.9	33.9	34.2	34.5	34.5	[illegible]
≥ 5000	17.5	24.2	25.4	26.2	29.2	29.7	31.8	33.6	34.2	35.1	35.4	35.5	35.9	36.2	36.2	36.4
≥ 4500	17.8	24.5	25.7	26.6	29.6	30.1	32.1	33.9	34.5	35.5	35.7	35.9	36.2	36.6	36.6	36.7
≥ 4000	20.8	27.9	29.1	30.1	33.1	33.7	36.1	37.9	38.5	39.6	39.9	40.0	40.5	40.8	40.8	40.9
≥ 3500	21.6	29.3	30.7	31.6	34.8	35.4	37.9	39.7	40.3	41.4	41.7	41.8	42.3	42.6	42.6	42.9
≥ 3000	24.0	33.0	34.4	35.5	38.9	39.6	42.4	44.3	45.2	46.4	46.7	46.9	47.3	47.8	47.8	48.2
≥ 2500	26.0	35.4	37.0	38.4	42.1	42.9	45.7	47.6	48.4	49.8	50.1	50.2	50.7	51.2	51.2	51.6
≥ 2000	27.3	37.2	38.8	40.3	44.2	44.9	47.9	50.0	50.8	52.2	52.5	52.7	53.1	53.6	53.6	54.0
≥ 1800	27.7	37.6	39.1	40.7	44.7	45.4	48.4	50.6	51.4	52.8	53.1	53.3	53.7	54.2	54.2	54.6
≥ 1500	29.6	40.2	42.1	44.1	48.8	49.6	53.0	55.4	56.3	57.9	58.3	58.5	58.9	59.5	59.5	59.9
≥ 1200	32.1	43.5	45.8	48.4	53.9	55.1	58.7	61.1	62.0	63.5	64.0	64.3	64.7	65.3	65.3	65.7
≥ 1000	33.0	45.3	47.6	50.5	56.9	58.1	62.2	64.6	65.5	67.1	67.6	67.9	68.4	69.0	69.0	69.3
≥ 900	33.2	45.8	48.1	51.0	57.6	58.8	63.0	65.5	66.3	68.2	68.7	69.0	69.4	70.0	70.2	70.8
≥ 800	33.3	46.3	48.7	51.6	58.9	60.1	64.4	67.0	67.9	69.8	70.3	70.5	71.0	71.6	71.7	[illegible]
≥ 700	33.6	46.7	49.2	52.1	60.1	61.5	66.1	68.8	69.7	71.7	72.3	72.6	73.4	74.2	74.3	[illegible]
≥ 600	34.2	47.7	50.2	53.1	62.2	63.6	68.8	71.7	72.6	74.6	75.2	75.5	76.3	77.1	[illegible]	[illegible]
≥ 500	34.4	48.3	51.0	54.2	63.9	65.5	71.6	75.4	76.4	78.6	79.2	79.5	80.4	81.2	[illegible]	[illegible]
≥ 400	34.4	48.3	51.2	54.6	65.0	66.5	72.9	76.8	77.9	80.2	80.9	81.4	82.4	83.1	[illegible]	[illegible]
≥ 300	34.4	48.3	51.4	54.8	65.5	67.1	74.0	78.4	79.7	82.1	83.2	84.1	85.0	85.7	[illegible]	[illegible]
≥ 200	34.4	48.3	51.4	54.8	65.5	67.1	74.0	78.9	80.8	83.8	85.3	86.8	88.5	90.0	[illegible]	[illegible]
≥ 100	34.4	48.3	51.4	54.8	65.5	67.1	74.0	78.9	80.8	84.2	85.6	87.4	89.6	93.2	[illegible]	[illegible]
≥ 0	34.4	48.3	51.4	54.8	65.5	67.1	74.0	78.9	80.8	84.2	85.6	87.4	89.6	93.2	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥	≥	≥	≥	≥	≥5/16	≥	≥
NO CEILING	10.1	14.7	15.5	16.3	17.9	18.1	19.4	19.9	20.0	20.3	20.3	20.3	20.3	20.5	20.5	20.7
≥ 20000	14.7	19.8	20.8	21.7	23.7	23.9	25.7	26.3	26.4	26.9	26.9	26.9	26.9	27.2	27.2	27.3
≥ 18000	14.7	19.9	20.9	21.9	23.8	24.0	25.8	26.4	26.6	27.1	27.1	27.1	27.1	27.3	27.3	27.4
≥ 16000	14.7	19.9	20.9	21.9	23.8	24.0	26.0	26.6	26.7	27.2	27.2	27.2	27.2	27.4	27.4	27.5
≥ 14000	15.0	20.2	21.1	22.1	24.0	24.3	26.2	26.8	26.9	27.5	27.5	27.5	27.5	27.8	27.8	27.9
≥ 12000	15.2	20.4	21.5	22.5	24.4	24.6	26.7	27.3	27.4	28.0	28.0	28.0	28.0	28.3	28.3	28.4
≥ 10000	15.9	21.4	22.6	23.6	25.8	26.1	28.3	29.0	29.2	29.8	29.8	29.8	29.8	30.1	30.1	30.2
≥ 9000	16.4	21.9	23.2	24.2	26.4	26.7	28.9	29.6	29.8	30.4	30.4	30.4	30.4	30.7	30.7	30.8
≥ 8000	18.0	24.0	25.4	26.3	28.7	29.0	31.2	31.9	32.1	32.7	32.7	32.7	32.7	33.0	33.0	33.1
≥ 7000	18.6	25.1	26.4	27.4	30.0	30.2	32.5	33.2	33.5	34.1	34.1	34.2	34.2	34.4	34.4	34.5
≥ 6000	18.7	25.2	26.6	27.5	30.3	30.6	32.9	33.6	33.8	34.4	34.4	34.5	34.5	34.9	34.9	35.0
≥ 5000	19.1	25.7	27.2	28.3	31.2	31.4	33.7	34.5	35.0	35.6	35.6	35.7	35.7	36.1	36.1	36.2
≥ 4500	19.2	26.0	27.4	28.5	31.4	31.6	34.1	34.9	35.4	36.0	36.0	36.1	36.1	36.5	36.5	36.6
≥ 4000	20.5	27.9	29.5	30.6	33.6	33.8	36.2	37.2	37.7	38.3	38.4	38.5	38.5	38.9	38.9	39.0
≥ 3500	21.4	29.0	30.7	31.8	34.9	35.1	37.6	38.6	39.1	39.7	39.9	40.0	40.1	40.5	40.5	40.6
≥ 3000	22.9	31.2	33.[illegible]	34.2	37.6	37.8	40.2	41.3	41.8	42.6	42.9	43.1	43.4	43.7	43.7	43.8
≥ 2500	24.5	33.3	35.3	36.6	40.1	40.3	42.8	44.0	44.6	45.4	45.7	45.9	46.1	46.5	46.5	46.6
≥ 2000	28.3	37.7	39.6	41.1	44.8	45.2	47.7	49.2	49.8	50.7	51.0	51.3	51.6	51.9	51.9	52.1
≥ 1800	29.5	38.9	40.8	42.3	46.0	46.4	49.2	50.6	51.2	52.2	52.4	52.8	53.0	53.4	53.4	53.5
≥ 1500	32.2	42.9	45.0	46.7	51.1	51.4	54.7	56.3	57.0	58.2	58.5	58.8	59.1	59.8	59.8	59.9
≥ 1200	35.3	47.0	49.5	52.3	57.6	58.1	61.8	63.6	64.5	65.7	65.9	66.3	66.5	67.3	67.3	67.4
≥ 1000	36.6	49.2	51.7	54.6	60.4	61.0	65.2	67.1	68.2	69.6	69.8	70.2	70.4	71.1	71.1	71.3
≥ 900	37.2	50.0	52.5	55.4	61.7	62.3	66.5	68.5	69.6	71.0	71.3	71.6	71.9	72.6	72.6	72.7
≥ 800	37.7	51.1	53.7	56.9	63.9	64.5	69.0	7 .0	72.1	73.8	74.2	74.8	75.0	75.7	75.7	75.8
≥ 700	37.8	51.4	54.1	57.9	65.3	65.9	70.8	72.8	73.9	75.6	76.0	76.6	76.8	77.5	77.5	77.7
≥ 600	38.2	52.3	55.0	58.8	67.1	67.8	73.1	75.2	76.6	78.4	78.7	79.3	79.7	80.4	80.4	80.6
≥ 500	38.3	52.7	55.6	59.7	69.7	70.3	76.1	78.6	80.0	82.4	82.7	83.5	83.8	84.5	84.5	84.7
≥ 400	38.3	52.7	55.6	59.7	70.4	71.3	77.3	80.1	81.5	83.9	84.3	85.0	85.4	86.2	86.2	86.4
≥ 300	38.3	52.8	55.7	59.8	70.5	71.4	78.3	81.2	83.1	86.2	86.6	87.4	88.0	89.1	89.1	89.3
≥ 200	38.3	52.8	55.7	59.8	70.5	71.4	78.3	82.0	84.1	88.8	89.4	90.3	91.4	93.8	94.9	95.0
≥ 100	38.3	52.8	55.7	59.8	70.5	71.4	78.3	82.0	84.1	88.9	89.5	90.7	92.0	95.5	98.1	99.4
≥ 0	38.3	52.8	55.7	59.8	70.5	71.4	78.3	82.0	84.1	89.0	89.6	90.8	92.1	95.7	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 828

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (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	12.2	16.8	17.8	17.9	18.8	19.0	19.7	20.0	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 20000	17.5	23.4	24.5	24.6	26.7	26.9	27.7	28.2	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7
≥ 18000	17.9	23.8	24.8	25.0	27.0	27.3	28.1	28.6	28.9	28.9	28.9	28.9	29.1	29.1	29.1	29.1
≥ 16000	17.9	24.0	25.1	25.2	27.3	27.5	28.3	28.8	29.[illegible]	29.2	29.2	29.2	29.3	29.3	29.3	29.3
≥ 14000	18.0	24.4	25.5	25.6	27.6	27.9	28.7	29.2	29.5	29.5	29.5	29.5	29.7	29.7	29.7	29.7
≥ 12000	18.4	25.0	26.1	26.2	28.3	28.8	29.7	30.1	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.6
≥ 10000	19.1	26.1	27.1	27.3	29.4	29.9	30.7	31.2	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.7
≥ 9000	19.4	26.5	27.6	27.7	29.9	30.4	31.2	31.7	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2
≥ 8000	21.2	28.9	30.1	30.5	32.7	33.1	34.0	34.5	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9
≥ 7000	22.1	29.9	31.2	31.7	34.2	34.7	35.5	36.0	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5
≥ 6000	22.3	30.1	31.5	31.9	34.5	34.9	35.8	36.3	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7
≥ 5000	23.4	31.5	32.8	33.3	35.8	36.3	37.1	37.6	37.9	37.9	37.9	37.9	38.1	38.1	38.1	38.1
≥ 4500	23.5	31.6	32.9	33.4	35.9	36.4	37.2	37.7	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.2
≥ 4000	25.5	34.1	35.5	36.0	38.7	39.1	4[illegible].1	40.6	40.9	40.9	40.9	40.9	41.1	41.1	41.1	41.1
≥ 3500	26.4	35.4	37.0	37.6	40.3	40.8	41.8	42.4	42.7	42.9	42.9	42.9	43.0	43.0	43.0	43.0
≥ 3000	28.8	39.1	40.9	42.0	44.8	45.3	46.2	46.8	47.2	47.5	47.5	47.5	47.7	47.7	47.7	47.7
≥ 2500	34.7	46.3	48.3	49.6	52.3	52.8	53.9	54.5	54.9	55.2	55.2	55.2	55.3	55.3	55.3	55.3
≥ 2000	41.8	54.3	56.5	58.2	61.6	62.1	63.1	63.7	64.1	64.5	64.5	64.5	64.6	64.6	64.6	64.6
≥ 1800	42.9	55.7	58.0	59.8	63.4	63.9	64.9	65.5	65.9	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 1500	45.1	59.3	61.7	63.9	68.1	68.5	69.7	70.6	70.9	71.3	71.3	71.4	71.5	71.5	71.5	71.5
≥ 1200	48.0	63.4	66.0	68.3	73.0	73.5	74.9	75.8	76.1	76.5	76.5	76.6	76.7	76.7	76.7	76.7
≥ 1000	49.7	65.9	68.8	71.3	76.2	76.7	78.9	80.1	80.6	81.0	81.0	81.2	81.3	81.3	81.3	81.3
≥ 900	49.7	65.9	69.1	71.7	76.6	77.1	79.2	80.6	81.0	81.5	81.5	81.6	81.8	81.8	81.8	81.8
≥ 800	50.4	67.6	71.1	73.8	79.1	79.6	81.9	83.6	84.0	85.1	85.1	85.2	85.4	85.4	85.4	85.4
≥ 700	50.7	67.9	71.4	74.5	80.6	81.0	83.4	85.2	85.8	87.0	87.0	87.2	87.3	87.3	87.3	87.3
≥ 600	50.8	68.3	71.9	75.0	81.8	82.5	85.5	87.5	88.2	89.8	89.8	89.9	90.0	90.0	90.0	90.0
≥ 500	50.9	68.4	72.[illegible]	75.4	82.8	83.8	87.0	89.3	90.0	91.6	91.6	91.7	91.8	91.8	91.8	91.8
≥ 400	50.9	68.5	72.4	75.6	83.3	84.3	88.0	90.4	91.1	92.7	92.8	92.9	93.0	93.2	93.2	93.2
≥ 300	50.9	68.5	72.4	75.6	84.0	85.0	89.0	91.7	92.7	95.0	95.2	95.4	95.7	96.0	96.0	96.0
≥ 200	50.9	68.5	72.4	75.6	84.0	85.0	89.0	91.7	92.8	95.3	96.2	96.5	97.0	97.6	97.8	97.8
≥ 100	50.9	68.5	72.4	75.6	84.0	85.0	89.0	91.8	92.9	95.6	96.4	96.8	97.4	98.2	99.3	99.9
≥ 0	50.9	68.5	72.4	75.6	84.0	85.0	89.0	91.8	92.9	95.6	96.4	96.8	97.4	98.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 833

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	16.8	21.5	22.4	22.5	23.2	23.3	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥ 20000	22.6	28.5	29.6	29.8	32.0	32.1	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 18000	22.6	28.6	29.7	30.0	32.1	32.3	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 16000	22.6	28.6	29.7	30.0	32.1	32.3	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 14000	23.1	29.8	30.9	31.2	33.3	33.5	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 12000	23.2	30.1	31.2	31.4	33.8	33.9	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 10000	25.9	33.2	34.3	34.5	37.1	37.2	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 9000	26.2	34.1	35.3	35.5	38.0	38.1	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 8000	27.4	35.7	37.2	37.4	40.1	40.2	40.9	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 7000	28.6	37.2	38.9	39.1	41.8	41.9	43.0	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 6000	28.9	37.4	39.2	39.6	42.4	42.5	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 5000	29.5	38.0	39.8	40.2	43.3	43.4	44.5	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 4500	29.8	38.5	40.3	40.7	43.9	44.0	45.1	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 4000	33.1	42.5	44.5	45.1	48.5	48.7	50.4	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 3500	34.8	45.4	47.5	48.1	52.0	52.2	54.3	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 3000	38.6	50.1	52.5	53.1	56.9	57.2	59.2	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 2500	43.7	56.2	58.7	59.6	63.7	63.9	66.2	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2000	47.7	61.6	64.5	65.5	69.8	70.0	72.3	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1800	49.0	63.1	65.9	66.9	71.2	71.5	73.9	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1500	51.9	66.5	69.9	71.1	75.8	76.1	79.1	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1200	53.1	69.1	72.8	74.5	80.4	80.7	84.1	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	53.4	69.9	73.9	75.7	82.2	82.7	86.3	87.2	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	53.9	70.5	74.6	76.5	83.2	83.6	87.2	88.2	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	54.2	71.0	75.3	77.5	84.4	84.8	88.4	89.4	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 700	54.5	71.4	75.7	78.0	85.2	85.7	89.5	90.5	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 600	54.6	71.5	76.4	78.9	86.9	87.4	91.2	92.4	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 500	54.8	71.6	76.5	79.3	88.1	88.6	92.5	93.7	94.1	94.3	94.5	94.5	94.6	94.6	94.6	94.6
≥ 400	54.8	71.7	76.7	79.4	88.3	89.0	93.3	94.7	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 300	54.8	71.7	76.7	79.4	88.3	89.2	93.5	95.1	95.8	96.5	96.8	96.8	97.0	97.1	97.1	97.1
≥ 200	54.8	71.7	76.7	79.4	88.3	89.2	93.9	95.5	96.3	97.4	97.6	98.1	98.4	98.8	98.8	98.8
≥ 100	54.8	71.7	76.7	79.4	88.3	89.2	93.9	95.5	96.3	97.4	97.6	98.1	98.6	99.3	99.6	100.0
≥ 0	54.8	71.7	76.7	79.4	88.3	89.2	93.9	95.5	96.3	97.4	97.6	98.1	98.6	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 831

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 0160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (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	17.2	21.8	22.5	22.8	24.1	24.2	24.6	24.6	24.6	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥ 20000	22.4	28.2	28.9	29.3	31.7	32.0	32.6	32.6	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 18000	22.8	28.6	29.3	29.7	32.3	32.6	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 16000	22.8	28.6	29.3	29.7	32.3	32.6	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 14000	23.1	29.2	29.9	30.3	32.9	33.2	33.8	33.8	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 12000	23.8	30.9	31.6	32.0	34.6	34.9	35.5	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 10000	25.3	32.9	33.7	34.0	36.9	37.2	38.0	38.0	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 9000	25.5	33.4	34.1	34.5	37.5	38.0	38.9	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 8000	27.0	35.4	36.1	36.6	39.8	40.3	41.4	41.5	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 7000	28.2	36.8	37.7	38.3	41.9	42.4	43.6	43.7	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 6000	28.3	36.9	37.8	38.4	42.1	42.6	43.8	43.9	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 5000	29.1	38.1	39.3	40.0	43.8	44.4	45.6	46.0	46.0	46.4	46.5	46.6	46.6	46.6	46.6	46.6
≥ 4500	30.1	39.5	40.7	41.4	45.3	45.9	47.1	47.5	47.5	47.8	47.9	48.1	48.1	48.1	48.1	48.1
≥ 4000	33.5	44.2	45.5	46.2	50.5	51.1	52.7	53.6	53.6	54.2	54.5	54.6	54.6	54.6	54.6	54.6
≥ 3500	35.2	46.6	48.2	49.0	53.5	54.1	55.7	56.7	56.7	57.4	57.6	57.7	57.7	57.7	57.7	57.7
≥ 3000	40.3	52.3	54.1	55.1	60.0	60.7	62.5	63.6	63.6	64.3	64.5	64.6	64.6	64.6	64.6	64.6
≥ 2500	43.9	56.7	58.5	59.7	65.4	66.1	67.9	69.1	69.1	70.0	70.2	70.3	70.3	70.3	70.3	70.3
≥ 2000	47.1	60.3	62.1	63.8	69.7	70.6	72.5	73.7	73.7	74.7	74.9	75.1	75.1	75.1	75.1	75.1
≥ 1800	47.3	61.0	62.8	64.5	70.6	71.4	73.5	74.8	74.8	75.9	76.2	76.3	76.3	76.3	76.3	76.3
≥ 1500	49.0	62.8	64.8	66.6	73.0	73.8	76.0	77.5	77.5	78.6	79.1	79.2	79.2	79.2	79.2	79.2
≥ 1200	50.5	65.4	67.8	70.3	77.4	78.2	80.6	82.2	82.3	83.4	83.9	84.0	84.0	84.0	84.0	84.0
≥ 1000	51.2	66.3	68.9	71.4	78.8	79.7	82.1	83.7	83.9	85.2	85.7	85.8	85.8	85.8	85.8	85.8
≥ 900	51.7	66.9	69.5	72.3	80.1	81.0	83.5	85.1	85.4	86.8	87.3	87.4	87.4	87.4	87.4	87.4
≥ 800	51.9	67.3	70.3	73.2	82.1	82.9	85.6	87.3	87.5	89.3	89.8	90.0	90.0	90.0	90.0	90.0
≥ 700	51.9	67.6	70.6	73.7	82.7	83.5	86.7	88.5	88.7	90.6	91.0	91.2	91.2	91.2	91.2	91.2
≥ 600	51.9	67.6	71.3	74.8	84.0	84.9	88.3	90.1	90.3	92.1	92.6	92.7	92.7	92.7	92.7	92.7
≥ 500	52.3	68.3	72.2	75.9	85.5	86.3	90.1	92.0	92.3	94.1	94.7	94.8	94.8	94.8	94.8	94.8
≥ 400	52.3	68.3	72.2	76.2	85.8	86.9	91.2	93.2	93.5	95.3	95.9	96.0	96.0	96.0	96.0	96.0
≥ 300	52.3	68.3	72.2	76.2	86.0	87.0	91.3	93.5	93.9	95.8	96.5	96.6	96.7	96.9	97.0	97.0
≥ 200	52.3	68.3	72.2	76.2	86.0	87.0	91.3	93.5	94.1	96.0	96.9	97.6	98.1	98.7	98.8	98.8
≥ 100	52.3	68.3	72.2	76.2	86.0	87.0	91.3	93.5	94.1	96.1	97.0	97.8	98.4	99.4	99.6	99.8
≥ 0	52.3	68.3	72.2	76.2	86.0	87.0	91.3	93.5	94.1	96.1	97.0	97.8	98.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 826

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥							
NO CEILING	21.1	25.3	26.4	26.5	27.6	28.2	29.2	29.4	29.5	29.7	29.8	29.8	29.8	29.8	29.8	29.8
≥ 20000	24.8	29.5	30.8	30.9	32.4	33.0	33.9	34.6	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9
≥ 18000	24.8	29.5	30.8	30.9	32.4	33.0	33.9	34.6	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9
≥ 16000	24.8	29.5	30.8	30.9	32.4	33.0	33.9	34.6	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9
≥ 14000	24.8	29.5	30.8	30.9	32.4	33.0	33.9	34.6	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9
≥ 12000	25.5	30.6	32.1	32.2	33.8	34.4	35.4	36.0	36.1	36.3	36.4	36.4	36.4	36.4	36.4	36.4
≥ 10000	26.4	32.1	33.8	33.9	35.7	36.3	37.4	38.0	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.3
≥ 9000	26.9	32.6	34.3	34.4	36.6	37.2	38.3	38.9	39.1	39.2	39.3	39.3	39.3	39.3	39.3	39.3
≥ 8000	27.5	33.6	35.3	35.4	37.9	38.5	39.6	40.2	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5
≥ 7000	28.2	34.4	36.1	36.6	39.1	39.7	40.9	41.5	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9
≥ 6000	28.2	34.6	36.3	36.8	39.2	39.8	41.0	41.6	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.0
≥ 5000	29.8	36.5	38.2	38.9	41.9	42.5	43.7	44.3	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4500	31.0	38.0	39.7	40.5	43.5	44.1	45.3	45.9	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3
≥ 4000	33.3	41.5	43.5	44.3	48.2	49.1	50.5	51.3	51.4	51.6	51.8	51.9	51.9	51.9	51.9	51.9
≥ 3500	35.8	44.7	46.8	47.6	51.6	52.5	54.3	55.1	55.2	55.6	55.9	56.0	56.0	56.0	56.0	56.0
≥ 3000	39.1	49.1	51.5	52.6	57.3	58.1	60.0	60.7	60.8	61.2	61.5	61.7	61.7	61.7	61.7	61.7
≥ 2500	40.9	51.2	53.8	55.1	60.6	61.5	63.4	64.1	64.2	64.6	65.0	65.1	65.1	65.1	65.1	65.1
≥ 2000	43.6	54.7	57.6	59.2	64.7	65.7	67.6	68.5	68.6	69.0	69.5	69.6	69.6	69.6	69.6	69.6
≥ 1800	44.6	55.8	58.7	60.3	66.5	67.5	69.8	70.7	70.8	71.2	71.7	71.8	71.8	71.8	71.8	71.8
≥ 1500	45.9	57.3	60.2	62.1	68.5	69.6	72.0	73.0	73.3	73.7	74.2	74.4	74.4	74.4	74.4	74.4
≥ 1200	47.0	59.1	62.3	64.7	71.8	72.9	75.5	76.4	76.7	77.2	77.7	77.8	77.8	77.8	77.8	77.8
≥ 1000	47.7	60.7	64.0	66.7	74.0	75.1	77.8	78.9	79.1	79.6	80.1	80.2	80.2	80.2	80.2	80.2
≥ 900	48.4	61.4	65.0	67.6	75.2	76.6	79.2	80.5	80.7	81.3	81.8	81.9	81.9	81.9	81.9	81.9
≥ 800	48.5	61.9	65.9	68.7	77.0	78.4	81.1	82.3	82.5	83.5	84.0	84.1	84.1	84.1	84.1	84.1
≥ 700	48.5	62.1	66.2	69.1	78.1	79.6	82.4	83.6	84.0	85.0	85.5	85.6	85.6	85.6	85.6	85.6
≥ 600	49.1	63.0	67.5	70.6	80.3	81.8	85.0	86.2	86.6	87.5	88.0	88.2	88.2	88.2	88.2	88.2
≥ 500	49.5	63.9	68.5	71.6	81.6	83.3	86.9	88.2	88.6	89.9	90.4	90.5	90.5	90.5	90.5	90.5
≥ 400	49.6	64.0	68.7	71.9	82.8	84.2	88.8	90.0	90.5	91.9	92.4	92.7	92.7	92.7	92.7	92.7
≥ 300	49.6	64.1	68.9	72.0	83.3	84.7	89.3	91.1	91.7	93.4	93.9	94.3	94.3	94.3	94.7	94.9
≥ 200	49.6	64.1	68.9	72.0	83.3	84.7	89.4	91.2	92.1	94.4	95.0	95.7	96.0	96.3	96.8	96.9
≥ 100	49.6	64.1	68.9	72.0	83.3	84.7	89.4	91.5	92.8	95.4	96.0	96.7	97.2	98.3	99.3	99.5
≥ 0	49.6	64.1	68.9	72.0	83.3	84.7	89.4	91.7	93.0	95.6	96.2	96.9	97.4	98.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 819

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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	15.6	20.4	21.4	21.7	23.2	23.4	24.3	24.7	24.8	25.2	25.2	25.2	25.2	25.3	25.3	25.4
≥ 20000	19.7	25.2	26.3	26.7	28.8	29.0	30.1	30.7	30.8	31.3	31.3	31.3	31.4	31.4	31.5	31.5
≥ 18000	19.8	25.3	26.5	26.9	29.0	29.2	30.3	30.9	31.0	31.5	31.5	31.5	31.5	31.6	31.7	31.7
≥ 16000	19.8	25.4	26.5	26.9	29.0	29.2	30.4	30.9	31.1	31.5	31.6	31.6	31.6	31.7	31.7	31.7
≥ 14000	20.0	25.7	26.8	27.2	29.3	29.6	30.7	31.2	31.4	31.9	31.9	31.9	31.9	32.0	32.1	32.1
≥ 12000	20.3	26.3	27.5	27.9	30.1	30.3	31.5	32.0	32.2	32.6	32.7	32.7	32.7	32.8	32.8	32.9
≥ 10000	21.4	27.8	29.2	29.6	32.0	32.2	33.5	34.0	34.2	34.7	34.7	34.7	34.7	34.9	34.9	34.9
≥ 9000	21.7	28.2	29.7	30.1	32.6	32.9	34.1	34.7	34.9	35.3	35.4	35.4	35.4	35.5	35.5	35.6
≥ 8000	22.9	29.8	31.3	31.9	34.4	34.7	36.1	36.7	36.9	37.4	37.5	37.5	37.5	37.6	37.6	37.7
≥ 7000	23.7	30.8	32.4	33.0	35.7	36.0	37.4	38.1	38.3	38.8	38.8	38.9	38.9	39.0	39.0	39.0
≥ 6000	23.9	31.1	32.7	33.3	36.1	36.4	37.9	38.5	38.7	39.2	39.3	39.3	39.4	39.5	39.5	39.5
≥ 5000	24.7	32.2	34.0	34.7	37.7	38.1	39.6	40.3	40.5	41.0	41.1	41.2	41.3	41.4	41.4	41.4
≥ 4500	25.4	33.1	35.0	35.8	38.8	39.1	40.6	41.3	41.6	42.1	42.2	42.3	42.3	42.4	42.5	42.5
≥ 4000	28.1	36.7	38.6	39.5	42.8	43.3	45.1	45.9	46.1	46.7	46.9	46.9	47.0	47.1	47.1	47.2
≥ 3500	29.5	38.9	41.0	41.9	45.4	45.8	47.7	48.6	48.8	49.5	49.7	49.7	49.8	50.0	50.0	50.0
≥ 3000	32.4	42.8	45.1	46.2	50.0	50.4	52.4	53.3	53.6	54.3	54.6	54.7	54.8	54.9	55.0	55.0
≥ 2500	35.4	46.5	48.9	50.3	54.4	54.9	56.9	57.9	58.2	58.9	59.2	59.2	59.4	59.5	59.5	59.6
≥ 2000	38.4	50.3	52.9	54.4	58.7	59.2	61.4	62.4	62.7	63.5	63.8	63.9	64.0	64.1	64.1	64.2
≥ 1800	39.2	51.3	53.9	55.4	60.0	60.5	62.8	63.8	64.1	64.9	65.2	65.3	65.4	65.5	65.5	65.6
≥ 1500	41.4	54.0	56.8	58.7	63.8	64.4	66.9	68.2	68.5	69.4	69.8	69.9	70.0	70.2	70.2	70.3
≥ 1200	43.5	57.1	60.2	62.6	68.6	69.2	72.0	73.3	73.7	74.6	74.9	75.1	75.2	75.4	75.4	75.5
≥ 1000	44.4	58.6	61.8	64.4	70.9	71.6	74.7	76.0	76.5	77.6	77.9	78.1	78.2	78.4	78.4	78.5
≥ 900	44.7	59.2	62.5	65.2	72.0	72.8	75.9	77.4	77.9	79.0	79.4	79.5	79.6	79.8	79.9	79.9
≥ 800	45.1	60.0	63.6	66.4	73.8	74.6	77.9	79.5	80.0	81.3	81.7	81.9	82.0	82.2	82.2	82.3
≥ 700	45.3	60.4	64.0	67.0	74.9	75.7	79.2	80.9	81.5	82.9	83.3	83.4	83.6	83.8	83.8	83.9
≥ 600	45.6	60.9	64.8	68.0	76.5	77.3	81.3	83.0	83.7	85.2	85.6	85.8	85.9	86.2	86.2	86.3
≥ 500	45.8	61.4	65.4	68.7	77.9	78.8	83.3	85.4	86.1	87.8	88.2	88.4	88.6	88.8	88.9	88.9
≥ 400	45.9	61.5	65.6	68.9	78.5	79.6	84.4	86.7	87.5	89.3	89.8	90.0	90.2	90.5	90.5	90.6
≥ 300	45.9	61.5	65.7	69.1	78.9	80.0	85.1	87.6	88.6	90.7	91.3	91.6	91.9	92.3	92.6	92.7
≥ 200	45.9	61.5	65.7	69.1	78.9	80.0	85.2	87.9	89.2	91.8	92.7	93.3	94.0	95.1	95.7	95.9
≥ 100	45.9	61.5	65.7	69.1	78.9	80.0	85.2	88.0	89.4	92.2	93.1	93.9	94.8	96.8	98.3	99.4
≥ 0	45.9	61.5	65.7	69.1	78.9	80.0	85.2	88.0	89.4	92.3	93.1	93.9	94.9	96.9	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6596

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 (16) HAHN AB DL 73-81 APR
STATION STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
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	34.4	42.6	44.2	45.0	47.2	47.3	47.8	48.2	48.5	48.5	48.7	48.7	48.7	48.8	48.8	48.8
≥ 20000	36.4	44.9	46.5	47.2	49.4	49.6	50.1	50.7	50.9	50.9	51.2	51.2	51.2	51.3	51.3	51.3
≥ 18000	36.7	45.4	47.1	47.8	50.1	50.2	50.7	51.3	51.5	51.5	51.8	51.8	51.8	51.9	51.9	51.9
≥ 16000	36.7	45.4	47.3	48.1	50.3	50.4	50.9	51.5	51.8	51.8	52.0	52.0	52.0	52.2	52.2	52.2
≥ 14000	36.7	45.5	47.5	48.2	50.4	50.6	51.1	51.7	51.9	51.9	52.2	52.2	52.2	52.3	52.3	52.3
≥ 12000	36.9	45.8	47.8	48.6	50.9	51.1	51.5	52.2	52.4	52.4	52.7	52.7	52.7	52.8	52.8	52.8
≥ 10000	37.8	46.8	48.9	49.7	52.2	52.3	52.8	53.5	53.8	53.8	54.0	54.0	54.0	54.2	54.2	54.2
≥ 9000	38.0	47.3	49.4	50.2	52.7	52.8	53.3	54.0	54.3	54.4	54.6	54.6	54.6	54.8	54.8	54.8
≥ 8000	38.7	48.1	50.2	51.1	53.5	53.7	54.5	55.4	55.6	55.8	56.0	56.0	56.0	56.1	56.1	56.1
≥ 7000	39.4	48.8	50.9	52.0	54.6	54.8	55.6	56.5	56.8	56.9	57.1	57.1	57.1	57.2	57.2	57.2
≥ 6000	39.5	49.3	51.4	52.5	55.1	55.3	56.1	57.0	57.2	57.4	57.6	57.6	57.6	57.7	57.7	57.7
≥ 5000	40.1	50.3	52.4	53.5	56.4	56.5	57.4	58.2	58.5	58.6	58.9	58.9	58.9	59.0	59.0	59.0
≥ 4500	40.5	50.8	52.9	54.0	56.9	57.0	57.9	58.7	59.0	59.1	59.4	59.4	59.4	59.5	59.5	59.5
≥ 4000	43.1	54.8	57.1	58.5	61.6	61.7	62.6	63.6	63.8	63.9	64.2	64.2	64.2	64.3	64.3	64.3
≥ 3500	46.7	59.7	62.2	63.6	66.7	66.8	67.7	68.6	68.9	69.0	69.3	69.3	69.3	69.4	69.4	69.4
≥ 3000	49.6	64.1	66.9	68.3	71.7	71.9	72.9	74.0	74.2	74.3	74.6	74.7	74.7	74.8	74.8	74.8
≥ 2500	50.6	66.4	69.3	70.8	74.8	75.0	76.0	77.1	77.3	77.4	77.7	77.8	77.8	77.9	77.9	77.9
≥ 2000	51.7	68.2	71.5	73.4	77.4	77.6	78.6	79.7	79.9	80.0	80.3	80.4	80.4	80.5	80.5	80.5
≥ 1800	52.0	68.9	72.2	74.1	78.2	78.3	79.3	80.4	80.7	80.8	81.0	81.2	81.2	81.3	81.3	81.3
≥ 1500	52.2	70.0	73.4	75.2	79.8	79.9	81.0	82.2	82.4	82.5	82.8	82.9	82.9	83.0	83.0	83.0
≥ 1200	52.4	70.8	74.5	76.5	81.8	81.9	83.0	84.1	84.4	84.5	84.8	84.9	84.9	85.0	85.0	85.0
≥ 1000	52.5	70.9	74.7	77.0	82.4	82.5	83.8	84.9	85.1	85.3	85.5	85.6	85.6	85.7	85.7	85.7
≥ 900	52.5	71.0	74.8	77.1	82.9	83.0	84.3	85.4	85.6	85.7	86.0	86.1	86.1	86.2	86.2	86.2
≥ 800	52.5	71.4	75.5	78.2	84.0	84.1	85.4	86.9	87.1	87.2	87.5	87.6	87.6	87.7	87.7	87.7
≥ 700	52.5	71.5	75.6	78.4	84.3	84.4	85.6	87.1	87.4	87.5	87.7	87.9	87.9	88.0	88.0	88.0
≥ 600	52.5	71.9	76.0	78.8	85.3	85.5	87.0	88.5	88.7	88.8	89.1	89.2	89.2	89.3	89.3	89.3
≥ 500	52.5	72.0	76.2	79.1	85.5	85.7	87.4	88.8	89.1	89.3	89.6	89.7	89.7	89.8	89.8	89.8
≥ 400	52.5	72.2	76.5	79.3	86.5	86.9	88.6	90.1	90.3	91.0	91.3	91.4	91.4	91.6	91.6	91.6
≥ 300	52.7	72.4	76.6	79.4	87.2	87.7	89.6	91.2	91.4	92.2	92.6	92.9	92.9	93.1	93.1	93.1
≥ 200	52.7	72.4	76.6	79.4	87.5	88.0	90.5	92.2	92.7	93.7	94.3	94.8	95.0	95.5	95.5	95.7
≥ 100	52.7	72.4	76.6	79.4	87.5	88.0	90.5	92.2	92.9	94.4	95.0	95.5	95.8	96.9	97.5	98.9
≥ 0	52.7	72.4	76.6	79.4	87.5	88.0	90.5	92.2	92.9	94.4	95.0	95.5	95.8	97.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 807

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (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	25.9	33.7	36.6	37.3	39.1	39.2	40.1	40.8	41.1	41.6	41.7	41.7	41.7	41.8	41.8	41.8
≥ 20000	28.0	36.5	39.3	40.2	42.1	42.2	43.1	44.2	44.4	45.2	45.3	45.3	45.3	45.4	45.4	45.4
≥ 18000	28.0	36.7	39.6	40.4	42.3	42.4	43.3	44.4	44.7	45.4	45.5	45.5	45.5	45.7	45.7	45.7
≥ 16000	28.3	37.0	40.0	40.8	42.7	42.8	43.7	44.8	45.0	45.8	45.9	45.9	45.9	46.0	46.0	46.0
≥ 14000	28.4	37.1	40.2	41.1	43.1	43.2	44.0	45.2	45.4	46.2	46.3	46.3	46.3	46.4	46.4	46.4
≥ 12000	28.5	37.2	40.3	41.2	43.2	43.3	44.2	45.3	45.5	46.3	46.4	46.4	46.4	46.5	46.5	46.5
≥ 10000	28.9	37.6	40.7	41.6	43.5	43.7	44.5	45.8	46.0	46.8	46.9	46.9	46.9	47.0	47.0	47.0
≥ 9000	29.3	38.0	41.2	42.1	44.0	44.2	45.0	46.4	46.7	47.4	47.5	47.5	47.6	47.8	47.8	47.8
≥ 8000	30.0	38.7	42.1	42.9	44.9	45.0	45.9	47.4	47.6	48.4	48.5	48.5	48.6	48.8	48.8	48.8
≥ 7000	30.0	38.7	42.1	43.1	45.2	45.3	46.2	47.8	48.0	48.8	48.9	48.9	49.0	49.1	49.1	49.1
≥ 6000	30.0	38.7	42.1	43.2	45.3	45.4	46.3	47.9	48.1	48.9	49.0	49.0	49.1	49.3	49.3	49.3
≥ 5000	30.5	40.1	43.5	44.7	47.1	47.3	48.1	49.9	50.2	51.0	51.1	51.1	51.2	51.4	51.4	51.4
≥ 4500	31.5	41.2	44.8	45.9	48.6	48.8	49.6	51.6	52.0	52.7	52.9	52.9	53.0	53.1	53.1	53.1
≥ 4000	33.5	43.9	47.8	49.3	52.1	52.2	53.3	55.3	55.7	56.5	56.6	56.6	56.7	56.8	56.8	56.8
≥ 3500	36.2	47.3	51.2	52.9	56.1	56.3	57.7	59.7	60.0	60.8	60.9	60.9	61.0	61.2	61.2	61.2
≥ 3000	38.3	50.1	54.6	56.7	60.4	60.7	62.2	64.6	65.0	65.8	65.9	65.9	66.0	66.1	66.1	66.1
≥ 2500	39.6	52.5	57.3	59.8	63.9	64.1	65.6	68.1	68.5	69.4	69.5	69.5	69.6	69.7	69.9	69.9
≥ 2000	40.1	54.3	59.2	62.3	66.5	66.7	68.2	70.8	71.2	72.2	72.3	72.3	72.5	72.6	72.7	72.7
≥ 1800	40.8	55.7	60.5	63.6	67.9	68.1	69.6	72.2	72.6	73.6	73.7	73.7	73.8	73.9	74.1	74.1
≥ 1500	41.2	56.8	61.9	65.5	70.1	70.3	72.1	74.8	75.2	76.2	76.3	76.3	76.4	76.6	76.7	76.7
≥ 1200	41.6	57.6	63.0	67.0	72.5	72.7	74.8	77.5	77.9	78.9	79.0	79.0	79.2	79.3	79.4	79.4
≥ 1000	41.7	58.2	63.6	67.7	73.4	73.7	76.1	78.8	79.2	80.1	80.3	80.3	80.4	80.5	80.6	80.6
≥ 900	41.6	58.7	64.1	68.2	74.2	74.4	76.9	79.7	80.0	81.0	81.1	81.1	81.3	81.4	81.5	81.5
≥ 800	41.9	59.8	65.4	70.1	76.3	76.6	79.2	82.3	82.6	83.6	83.9	83.9	84.0	84.1	84.2	84.2
≥ 700	41.9	59.9	65.8	70.5	76.9	77.2	79.8	83.0	83.4	84.4	84.6	84.6	84.7	84.9	85.0	85.0
≥ 600	41.9	60.3	66.4	71.1	77.5	78.2	80.9	84.5	85.1	86.2	86.5	86.5	86.6	86.7	86.8	86.8
≥ 500	42.1	60.8	67.0	71.7	78.5	79.2	82.3	85.9	86.6	88.0	88.2	88.2	88.3	88.5	88.6	88.6
≥ 400	42.1	60.8	67.0	71.8	78.9	79.7	83.1	86.8	87.8	89.3	89.6	89.8	90.0	90.1	90.2	90.2
≥ 300	42.1	60.8	67.0	72.0	80.1	80.9	84.5	88.2	89.2	91.1	91.3	91.8	92.1	92.2	92.3	92.3
≥ 200	42.1	60.9	67.1	72.1	80.3	81.1	84.9	89.2	90.3	92.6	92.8	93.8	94.4	94.8	95.4	95.4
≥ 100	42.1	60.9	67.1	72.1	80.3	81.1	85.5	90.0	91.3	93.8	94.0	95.0	95.9	96.5	97.4	99.1
≥ 0	42.1	60.9	67.1	72.1	80.3	81.1	85.5	90.0	91.3	93.8	94.0	95.0	95.9	96.5	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 806

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS L.S.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	19.5	25.8	29.0	29.5	33.0	33.1	34.9	35.4	35.6	36.3	36.7	36.7	36.7	37.3	37.3	37.3
≥ 20000	21.1	27.9	31.5	32.1	36.1	36.2	38.3	38.8	39.0	40.1	40.5	40.5	40.6	41.3	41.3	41.4
≥ 18000	21.3	28.5	32.1	32.7	36.7	36.8	38.9	39.4	39.7	40.8	41.1	41.1	41.3	41.9	41.9	42.0
≥ 16000	21.3	28.5	32.2	32.8	36.8	36.9	39.0	39.5	39.8	40.9	41.3	41.3	41.4	42.0	42.0	42.1
≥ 14000	21.3	28.5	32.2	32.8	37.1	37.2	39.4	39.9	40.1	41.3	41.6	41.6	41.8	42.4	42.4	42.5
≥ 12000	21.6	28.7	32.5	33.1	37.3	37.4	39.7	40.1	40.4	41.5	41.9	41.9	42.0	42.6	42.6	42.8
≥ 10000	22.9	30.2	34.0	34.6	38.8	38.9	41.1	41.6	41.9	43.1	43.5	43.5	43.6	44.4	44.4	44.5
≥ 9000	23.0	30.5	34.2	34.9	39.2	39.3	41.5	42.0	42.3	43.5	43.9	43.9	44.0	44.7	44.7	44.9
≥ 8000	23.7	31.5	35.3	36.1	40.3	40.4	42.8	43.2	43.6	45.0	45.4	45.4	45.5	46.2	46.2	46.5
≥ 7000	23.9	31.8	35.7	36.4	40.6	40.8	43.1	43.6	44.0	45.4	45.7	45.7	45.8	46.6	46.6	46.8
≥ 6000	23.9	31.8	35.7	36.6	40.8	40.9	43.2	43.7	44.1	45.6	46.0	46.0	46.1	46.8	46.8	47.1
≥ 5000	24.5	32.7	36.9	37.8	42.	42.1	44.5	45.0	45.4	47.0	47.3	47.3	47.5	48.2	48.2	48.5
≥ 4500	24.7	33.0	37.4	38.3	42.6	42.8	45.1	45.7	46.1	47.7	48.1	48.1	48.2	48.9	48.9	49.2
≥ 4000	26.3	35.4	39.9	40.8	45.5	45.6	48.2	49.2	49.6	51.2	51.7	51.8	51.9	52.7	52.7	52.9
≥ 3500	27.9	38.2	43.0	43.9	48.7	48.8	51.4	52.5	53.0	54.6	55.1	55.3	55.4	56.1	56.3	56.5
≥ 3000	29.0	40.4	45.4	46.5	51.4	51.5	54.5	55.6	56.3	58.4	59.1	59.2	59.5	60.2	60.3	60.6
≥ 2500	30.2	42.0	47.1	48.2	53.3	53.4	56.5	57.7	58.4	60.5	61.2	61.3	61.6	62.5	62.6	62.8
≥ 2000	30.4	42.6	47.7	48.9	54.3	54.4	57.5	59.0	59.6	61.7	62.5	62.6	62.8	63.7	63.8	64.1
≥ 1800	30.7	43.2	48.5	49.7	55.5	55.6	58.9	60.3	61.0	63.1	63.8	63.9	64.2	65.1	65.2	65.4
≥ 1500	31.4	44.6	49.9	51.7	58.5	58.7	62.1	63.9	64.6	66.7	67.4	67.5	67.8	68.6	68.8	69.0
≥ 1200	31.8	46.0	51.4	53.2	60.5	60.8	64.2	66.4	67.0	69.4	70.1	70.3	70.5	71.4	71.5	71.7
≥ 1000	32.0	46.5	52.0	53.9	61.8	62.2	65.9	68.2	68.9	71.3	72.0	72.1	72.4	73.2	73.4	73.6
≥ 900	32.1	46.6	52.2	54.2	62.3	62.7	66.7	68.9	69.6	72.0	72.7	72.9	73.1	74.0	74.1	74.3
≥ 800	32.2	46.7	52.4	54.5	63.3	63.7	68.2	70.9	71.6	74.0	74.7	74.8	75.1	76.1	76.2	76.5
≥ 700	32.2	47.2	52.9	55.0	64.1	64.4	69.0	71.9	72.6	75.0	75.7	75.8	76.1	77.1	77.2	77.4
≥ 600	32.6	47.8	53.7	56.0	65.8	66.4	71.6	74.5	75.5	78.2	78.9	79.1	79.3	80.3	80.4	80.7
≥ 500	32.6	48.1	54.0	56.5	66.9	67.7	73.7	77.1	78.4	81.3	82.0	82.3	82.5	83.5	83.6	83.9
≥ 400	32.6	48.1	54.0	56.6	67.4	68.2	74.7	78.4	79.8	82.9	83.9	84.5	84.8	86.1	86.4	86.6
≥ 300	32.6	48.2	54.2	57.0	68.2	68.9	75.6	79.4	81.0	84.8	85.7	86.6	86.9	88.8	89.1	89.6
≥ 200	32.6	48.2	54.2	57.0	68.2	68.9	75.6	79.8	81.9	86.4	87.6	89.1	89.7	92.1	93.2	93.9
≥ 100	32.6	48.2	54.2	57.0	68.2	68.9	75.6	80.0	82.2	86.9	88.1	90.0	90.7	94.1	96.2	98.6
≥ 0	32.6	48.2	54.2	57.0	68.2	68.9	75.6	80.0	82.2	86.9	88.1	90.0	90.7	94.1	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 807

USAF ETAC FORM 10L64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	22.8	27.8	30.0	30.7	33.5	33.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 20000	26.2	33.5	35.6	37.0	40.0	40.3	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 18000	26.4	34.3	36.4	37.7	40.7	41.1	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000	26.4	34.5	36.6	38.0	41.0	41.3	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 14000	26.4	34.7	36.8	38.1	41.1	41.5	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 12000	27.0	35.4	37.5	38.9	41.8	42.2	43.7	43.8	43.8	43.6	43.8	43.8	43.8	43.8	43.8	43.8
≥ 10000	27.7	36.1	38.4	39.7	42.7	43.1	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.9	44.9	45.0
≥ 9000	28.0	36.5	38.7	40.1	43.1	43.4	44.9	45.0	45.0	45.2	45.2	45.2	45.2	45.3	45.3	45.4
≥ 8000	29.3	38.5	40.7	42.2	45.5	45.9	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.8	47.8	47.9
≥ 7000	29.7	39.0	41.2	42.7	46.0	46.4	48.0	48.3	48.3	48.4	48.4	48.4	48.4	48.5	48.5	48.6
≥ 6000	29.7	39.0	41.2	42.7	46.0	46.4	48.1	48.4	48.4	48.5	48.5	48.5	48.5	48.6	48.6	48.8
≥ 5000	30.0	39.4	41.6	43.1	46.4	46.8	48.6	48.9	48.9	49.0	49.0	49.0	49.0	49.1	49.1	49.3
≥ 4500	30.7	40.1	42.3	43.8	47.3	47.6	49.5	49.8	49.8	49.9	49.9	49.9	49.9	50.0	50.0	50.1
≥ 4000	31.9	42.6	44.9	46.4	49.9	50.2	52.4	52.6	52.6	52.8	53.1	53.1	53.1	53.2	53.2	53.3
≥ 3500	32.8	43.8	46.2	47.6	51.6	52.0	54.3	54.6	54.6	54.8	55.1	55.1	55.1	55.2	55.2	55.3
≥ 3000	34.3	46.5	49.0	50.5	54.5	54.8	57.3	57.5	57.5	57.8	58.0	58.0	58.0	58.2	58.2	58.4
≥ 2500	35.3	48.4	51.2	52.7	56.8	57.3	59.8	60.0	60.0	60.3	60.5	60.5	60.5	60.6	60.6	60.9
≥ 2000	37.7	52.4	55.4	57.2	61.5	62.0	64.5	65.1	65.1	65.5	65.7	65.7	65.7	65.8	65.8	66.1
≥ 1800	38.7	54.1	57.2	58.9	63.2	63.7	66.2	66.8	66.8	67.2	67.5	67.5	67.5	67.6	67.6	67.8
≥ 1500	40.5	57.4	60.9	63.2	67.9	68.4	71.3	72.0	72.0	72.5	72.8	72.8	72.8	72.9	72.9	73.1
≥ 1200	41.5	59.2	63.1	65.8	71.5	72.0	74.9	75.7	76.0	76.5	76.7	76.7	76.7	76.9	76.9	77.1
≥ 1000	42.0	60.0	64.0	67.1	73.0	73.5	76.7	77.6	77.8	78.6	78.8	78.8	78.8	79.0	79.0	79.2
≥ 900	42.1	60.4	64.4	67.5	73.8	74.3	77.7	78.6	78.8	79.6	79.8	79.8	79.8	80.0	80.0	80.2
≥ 800	42.8	61.3	65.7	69.2	75.5	76.1	80.1	81.4	81.7	82.5	82.8	82.8	82.8	82.9	82.9	83.2
≥ 700	42.8	61.5	66.1	69.7	76.5	77.1	81.4	83.4	83.8	84.8	85.0	85.0	85.0	85.1	85.1	85.4
≥ 600	42.9	62.1	66.7	70.3	77.4	78.0	82.7	84.7	85.0	86.3	86.5	86.5	86.5	86.8	86.8	87.0
≥ 500	43.3	62.6	67.2	70.9	78.6	79.2	84.3	86.3	86.6	88.4	88.7	88.7	88.7	89.0	89.0	89.4
≥ 400	43.3	62.7	67.3	71.2	79.0	79.6	84.8	87.0	87.6	90.0	90.5	90.5	90.8	91.2	91.3	91.7
≥ 300	43.4	62.9	67.5	71.7	80.0	80.8	86.3	88.7	89.7	92.3	92.8	92.9	93.3	93.7	93.9	94.6
≥ 200	43.4	62.9	67.5	71.7	80.0	80.8	86.4	88.9	90.3	93.6	94.1	94.4	95.0	95.8	96.0	96.7
≥ 100	43.4	62.9	67.5	71.7	80.0	80.8	86.4	88.9	90.5	93.8	94.3	94.9	95.7	97.4	97.8	98.8
≥ 0	43.4	62.9	67.5	71.7	80.0	80.8	86.4	88.9	90.5	93.8	94.3	94.9	95.7	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 808

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	23.0	28.1	29.3	30.0	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5
≥ 20000	27.4	34.2	35.4	36.4	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0
≥ 18000	27.5	34.6	35.8	36.8	37.3	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4
≥ 16000	27.5	34.9	36.2	37.2	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8
≥ 14000	27.5	35.1	36.3	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9
≥ 12000	28.0	35.7	36.9	37.9	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5
≥ 10000	28.5	36.7	37.9	38.9	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5
≥ 9000	28.8	37.0	38.3	39.3	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9
≥ 8000	29.5	37.9	39.1	40.1	40.7	40.7	40.7	40.7	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9
≥ 7000	30.1	38.8	40.0	41.0	41.6	41.6	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7
≥ 6000	30.2	38.9	40.1	41.1	41.7	41.7	41.7	41.7	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9
≥ 5000	31.0	39.9	41.1	42.3	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2
≥ 4500	32.3	41.2	42.5	43.7	44.6	44.6	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8
≥ 4000	35.9	46.4	47.8	49.4	50.5	50.5	50.7	50.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9
≥ 3500	38.5	49.8	51.4	53.1	54.2	54.2	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6
≥ 3000	43.2	56.0	57.7	59.5	60.7	60.7	61.1	61.2	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5
≥ 2500	48.0	62.6	64.6	66.4	67.7	67.7	68.3	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6
≥ 2000	51.5	67.7	70.2	72.1	73.5	73.5	74.4	74.6	74.6	74.7	74.8	74.8	74.8	74.9	74.9	74.9
≥ 1800	52.5	68.9	71.6	73.5	74.8	74.8	75.8	76.0	76.0	76.2	76.3	76.3	76.3	76.4	76.4	76.4
≥ 1500	54.8	72.5	75.6	77.4	79.4	79.4	80.5	80.9	81.0	81.1	81.2	81.2	81.2	81.4	81.4	81.4
≥ 1200	56.5	74.7	78.0	80.4	82.7	82.7	84.3	84.7	84.8	84.9	85.1	85.1	85.1	85.2	85.2	85.2
≥ 1000	57.0	75.9	79.3	81.7	84.2	84.2	85.9	86.3	86.4	86.7	86.8	86.8	86.8	86.9	86.9	86.9
≥ 900	57.2	76.2	79.5	82.1	84.6	84.6	86.3	86.7	86.8	87.0	87.2	87.2	87.2	87.3	87.3	87.3
≥ 800	57.2	76.4	79.9	82.7	85.8	85.9	88.0	89.0	89.3	89.5	89.6	89.6	89.6	89.8	89.8	89.8
≥ 700	57.2	76.5	80.1	83.0	86.4	86.7	88.9	89.9	90.1	90.4	90.6	90.6	90.6	90.7	90.7	90.7
≥ 600	57.2	76.5	80.2	83.2	87.4	87.8	90.0	91.2	91.5	91.7	92.0	92.0	92.0	92.1	92.1	92.1
≥ 500	57.3	76.7	80.4	83.3	88.0	88.4	90.9	92.1	92.3	93.0	93.3	93.3	93.3	93.8	93.8	93.8
≥ 400	57.3	76.7	80.4	83.7	88.6	89.1	91.6	92.8	93.1	93.8	94.2	94.2	94.2	94.8	94.8	94.8
≥ 300	57.3	76.7	80.4	83.8	88.8	89.4	92.0	93.3	93.7	94.9	95.4	95.6	95.6	96.3	96.3	96.4
≥ 200	57.3	76.7	80.4	84.0	88.9	89.5	92.2	93.8	94.4	95.9	96.5	96.7	96.8	97.9	97.9	98.1
≥ 100	57.3	76.7	80.4	84.0	88.9	89.5	92.2	93.8	94.6	96.0	96.7	96.8	97.2	98.8	98.8	99.3
≥ 0	57.3	76.7	80.4	84.0	88.9	89.5	92.2	93.8	94.6	96.0	96.7	96.8	97.2	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (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	26.0	29.6	30.2	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 20000	30.9	36.2	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 18000	31.0	36.5	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 16000	31.1	37.2	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 14000	31.2	37.7	38.5	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 12000	31.5	38.3	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 10000	32.6	39.5	40.7	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 9000	33.2	40.2	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 8000	34.6	42.6	43.8	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 7000	35.9	45.3	46.5	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 6000	35.9	45.4	46.7	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 5000	37.3	47.3	48.5	48.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 4500	39.5	49.5	50.7	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 4000	44.1	56.0	57.4	57.5	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 3500	47.8	61.0	62.3	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 3000	51.4	64.9	66.5	67.2	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 2500	55.6	70.5	72.2	73.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2000	58.3	74.2	75.9	76.9	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1800	58.8	75.2	76.9	77.9	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1500	60.4	77.3	79.3	80.5	82.6	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1200	62.0	79.3	81.5	82.8	85.6	85.7	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	62.5	80.6	83.2	84.8	87.5	87.7	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 900	62.5	80.6	83.2	84.8	87.7	87.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	62.7	81.1	83.8	85.7	89.1	89.3	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	62.7	81.1	83.8	86.7	90.4	90.5	92.1	92.2	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	62.7	81.4	84.1	87.5	91.4	91.5	93.1	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5
≥ 500	62.7	81.4	84.1	87.5	92.3	92.5	94.3	94.4	94.4	94.7	94.8	94.8	95.1	95.1	95.1	95.1
≥ 400	62.7	81.4	84.1	87.8	92.6	92.7	94.6	94.7	94.8	95.2	95.3	95.4	95.7	95.7	95.7	95.7
≥ 300	62.7	81.4	84.1	88.0	93.0	93.1	95.2	95.3	95.4	96.0	96.4	96.5	97.0	97.0	97.0	97.2
≥ 200	62.7	81.4	84.1	88.0	93.0	93.1	95.2	95.4	95.6	96.4	96.8	96.9	97.8	97.9	98.0	98.4
≥ 100	62.7	81.4	84.1	88.0	93.0	93.1	95.2	95.4	95.6	96.4	96.8	96.9	97.8	98.6	98.8	99.6
≥ 0	62.7	81.4	84.1	88.0	93.0	93.1	95.2	95.4	95.6	96.4	96.8	96.9	97.8	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6167 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	32.0	36.1	36.8	37.2	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 20000	38.1	44.6	45.5	45.9	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 18000	38.3	45.1	46.0	46.4	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 16000	38.4	45.5	46.4	46.7	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 14000	38.4	45.9	46.7	47.1	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 12000	39.2	46.8	47.7	48.1	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 10000	40.3	48.3	49.2	49.6	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 9000	40.7	48.7	49.6	49.9	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 8000	43.0	51.7	52.5	52.9	54.4	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 7000	44.0	53.0	53.9	54.4	55.9	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 6000	44.3	53.4	54.3	54.9	56.4	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 5000	46.5	56.2	57.1	57.7	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 4500	48.0	58.2	59.1	59.7	61.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 4000	51.4	63.4	64.5	65.1	67.0	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3500	54.6	68.1	69.5	70.1	72.1	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	56.7	71.4	73.2	73.9	75.9	75.9	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 2500	58.6	73.5	75.4	76.1	78.1	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	59.8	75.4	77.3	78.1	80.2	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	60.1	76.3	78.2	79.2	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1500	61.6	78.1	80.2	81.3	83.9	83.9	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	62.2	79.0	81.3	82.8	86.3	86.3	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	63.2	80.2	82.7	84.3	87.9	87.9	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 900	63.2	80.2	82.7	84.3	88.0	88.0	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	63.5	80.7	83.2	85.3	89.5	89.5	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 700	63.5	80.7	83.2	85.4	89.9	89.9	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	63.7	80.8	83.3	85.5	90.1	90.1	91.7	91.8	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 500	63.7	81.1	83.6	85.8	90.7	90.7	92.3	92.5	92.5	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 400	63.8	81.2	83.7	85.9	90.9	90.9	92.7	92.8	92.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 300	63.8	81.2	83.7	85.9	91.0	91.0	92.8	93.4	93.6	94.8	94.9	95.1	95.2	95.4	95.4	95.4
≥ 200	63.8	81.2	83.7	85.9	91.2	91.2	93.2	93.8	94.1	95.7	95.8	95.9	96.3	96.7	96.7	96.9
≥ 100	63.8	81.2	83.7	85.9	91.2	91.2	93.2	93.8	94.2	96.2	96.3	96.5	97.0	98.5	98.9	99.3
≥ 0	63.8	81.2	83.7	85.9	91.2	91.2	93.2	93.8	94.2	96.2	96.3	96.5	97.0	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	34.4	40.7	42.0	42.6	43.4	43.4	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.8	43.8	43.8
≥ 20000	40.8	48.3	49.9	50.7	51.8	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3
≥ 18000	41.5	49.1	50.7	51.4	52.5	52.5	52.8	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0
≥ 16000	41.5	49.4	51.1	51.8	52.9	52.9	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4
≥ 14000	41.7	49.6	51.2	51.9	53.0	53.0	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5
≥ 12000	42.0	50.1	51.7	52.4	53.5	53.5	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0
≥ 10000	42.8	51.5	53.2	53.9	55.0	55.0	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5
≥ 9000	43.0	52.0	53.6	54.4	55.5	55.5	55.7	56.1	56.2	56.2	56.2	56.2	56.2	56.4	56.4	56.4
≥ 8000	44.1	54.1	55.7	56.7	58.0	58.0	58.6	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2
≥ 7000	44.5	54.5	56.1	57.4	58.7	58.7	59.3	59.7	59.8	59.8	59.8	59.8	59.8	60.0	60.0	60.0
≥ 6000	44.5	54.6	56.2	57.5	59.0	59.0	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 5000	45.5	55.9	57.6	58.8	60.3	60.3	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6
≥ 4500	46.2	56.9	58.6	59.8	61.4	61.4	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.7
≥ 4000	49.4	62.3	64.0	65.3	67.5	67.5	68.1	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7
≥ 3500	52.7	67.1	69.0	70.2	72.7	72.7	73.3	73.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9
≥ 3000	54.5	70.5	72.6	73.8	76.4	76.4	77.0	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6
≥ 2500	54.8	72.2	74.3	75.6	78.2	78.2	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6
≥ 2000	56.1	74.4	76.8	78.1	80.7	80.7	81.6	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3
≥ 1800	56.2	74.8	77.1	78.5	81.1	81.1	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7
≥ 1500	56.6	76.0	78.5	79.9	82.8	82.8	83.7	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4
≥ 1200	57.5	77.3	79.9	81.5	85.0	85.0	85.9	86.4	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7
≥ 1000	57.8	77.9	80.7	82.7	86.5	86.5	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
≥ 900	58.0	78.0	80.8	82.8	86.7	86.7	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3
≥ 800	58.1	78.2	81.3	83.3	87.9	87.9	89.0	89.7	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0
≥ 700	58.2	78.5	81.6	83.7	88.3	88.3	89.4	90.1	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4
≥ 600	58.2	78.7	81.8	83.9	89.0	89.0	90.4	91.2	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5
≥ 500	58.2	78.7	81.8	84.1	89.5	89.5	91.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2
≥ 400	58.2	78.9	82.0	84.2	90.0	90.1	91.7	93.0	93.2	93.4	93.4	93.4	93.4	93.6	93.6	93.6
≥ 300	58.2	78.9	82.0	84.2	90.4	90.5	92.2	93.6	94.1	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 200	58.2	78.9	82.0	84.2	90.5	90.7	93.0	94.3	95.1	95.3	95.3	95.3	95.7	96.2	96.2	96.2
≥ 100	58.2	78.9	82.0	84.2	90.5	90.7	93.0	94.3	95.3	95.7	95.7	95.7	96.2	97.5	98.0	98.6
≥ 0	58.2	78.9	82.0	84.2	90.5	90.7	93.0	94.3	95.3	95.7	95.7	95.7	96.2	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (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	27.3	33.1	34.8	35.3	36.9	37.0	37.6	37.8	37.8	38.0	38.1	38.1	38.1	38.2	38.2	38.2
≥ 20000	31.1	38.3	40.1	40.8	42.6	42.7	43.3	43.6	43.7	44.0	44.1	44.1	44.1	44.2	44.2	44.2
≥ 18000	31.3	38.8	40.6	41.4	43.1	43.2	43.9	44.2	44.3	44.5	44.6	44.6	44.6	44.8	44.8	44.8
≥ 16000	31.4	39.1	41.0	41.7	43.5	43.6	44.2	44.5	44.6	44.8	45.0	45.0	45.0	45.1	45.1	45.1
≥ 14000	31.5	39.2	41.2	41.9	43.7	43.8	44.5	44.8	44.9	45.1	45.2	45.2	45.2	45.4	45.4	45.4
≥ 12000	31.8	39.8	41.7	42.5	44.3	44.4	45.1	45.4	45.5	45.7	45.8	45.8	45.8	45.9	45.9	45.9
≥ 10000	32.7	40.9	42.9	43.6	45.4	45.5	46.2	46.6	46.6	46.9	47.0	47.0	47.0	47.2	47.2	47.2
≥ 9000	33.0	41.3	43.3	44.1	45.9	46.0	46.7	47.1	47.2	47.4	47.6	47.6	47.6	47.7	47.7	47.8
≥ 8000	34.1	42.9	44.9	45.7	47.7	47.8	48.6	49.0	49.2	49.5	49.6	49.6	49.6	49.8	49.8	49.8
≥ 7000	34.7	43.8	45.8	46.7	48.7	48.8	49.6	50.1	50.2	50.5	50.6	50.[illegible]	50.6	50.8	50.8	50.9
≥ 6000	34.8	43.9	46.0	46.9	48.9	49.0	49.9	50.3	50.4	50.8	50.9	50.9	50.9	51.1	51.1	51.1
≥ 5000	35.7	45.2	47.4	48.3	50.4	50.5	51.4	51.9	52.0	52.3	52.4	52.4	52.5	52.6	52.6	52.7
≥ 4500	36.7	46.4	48.5	49.5	51.7	51.8	52.7	53.2	53.4	53.7	53.8	53.8	53.8	54.0	54.0	54.0
≥ 4000	39.5	50.6	52.9	54.0	56.5	56.6	57.6	58.2	58.3	58.7	58.8	58.8	58.9	59.0	59.0	59.1
≥ 3500	42.2	54.4	56.9	58.0	60.7	60.8	61.9	62.5	62.6	63.0	63.1	63.1	63.2	63.3	63.3	63.4
≥ 3000	44.6	58.0	60.7	62.0	64.9	65.0	66.2	66.9	67.1	67.5	67.7	67.7	67.7	67.9	67.9	68.0
≥ 2500	46.6	61.0	63.9	65.3	68.4	68.5	69.8	70.5	70.6	71.1	71.2	71.3	71.3	71.5	71.5	71.6
≥ 2000	48.2	63.7	66.8	68.4	71.6	71.7	73.8	73.8	74.0	74.5	74.7	74.7	74.7	74.9	75.0	75.0
≥ 1800	48.7	64.6	67.8	69.4	72.7	72.8	74.2	75.0	75.2	75.6	75.8	75.9	75.9	76.1	76.1	76.2
≥ 1500	49.8	66.6	70.0	71.9	75.6	75.8	77.3	78.2	78.4	78.9	79.1	79.1	79.2	79.4	79.4	79.4
≥ 1200	50.7	68.0	71.6	73.8	78.2	78.4	80.1	81.1	81.3	81.8	82.0	82.1	82.1	82.3	82.3	82.4
≥ 1000	51.1	68.8	72.5	74.9	79.6	79.8	81.6	82.6	82.9	83.5	83.7	83.7	83.7	83.9	83.9	84.0
≥ 900	51.2	69.0	72.7	75.1	80.0	80.2	82.1	83.1	83.4	83.9	84.1	84.2	84.2	84.4	84.4	84.5
≥ 800	51.4	69.5	73.4	76.1	81.4	81.6	83.9	85.3	85.5	86.1	86.3	86.3	86.4	86.6	86.6	86.7
≥ 700	51.4	69.6	73.6	76.6	82.1	82.3	84.7	86.2	86.4	87.0	87.3	87.3	87.3	87.6	87.6	87.6
≥ 600	51.5	70.0	74.0	77.1	83.0	83.3	85.9	87.5	87.8	88.5	88.8	88.8	88.8	89.1	89.1	89.1
≥ 500	51.6	70.2	74.3	77.4	83.8	84.1	87.0	88.6	89.0	90.0	90.3	90.3	90.4	90.7	90.7	90.8
≥ 400	51.6	70.3	74.4	77.6	84.2	84.6	87.7	89.5	89.9	91.2	91.5	91.7	91.8	92.1	92.2	92.3
≥ 300	51.6	70.3	74.4	77.8	84.8	85.3	88.5	90.4	91.0	92.6	92.9	93.2	93.4	93.9	94.0	94.1
≥ 200	51.6	70.3	74.4	77.8	84.9	85.4	88.9	90.9	91.8	93.7	94.2	94.6	95.1	95.9	96.1	96.4
≥ 100	51.6	70.3	74.4	77.8	84.9	85.4	88.9	91.1	92.1	94.2	94.6	95.2	95.8	97.3	97.9	99.0
≥ 0	51.6	70.3	74.4	77.8	84.9	85.4	88.9	91.1	92.1	94.2	94.6	95.2	95.8	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6466

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6163 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.5	48.0	49.8	50.4	51.0	51.1	51.9	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	44.3	54.9	56.8	57.4	58.0	58.2	59.0	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	44.0	55.0	57.0	57.6	58.2	58.3	59.1	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 16000	44.0	55.0	57.0	57.6	58.2	58.3	59.1	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	44.0	55.2	57.1	57.7	58.3	58.4	59.2	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	44.5	55.6	57.6	58.2	58.8	58.9	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	45.4	57.0	59.0	59.6	60.2	60.3	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	46.3	57.8	59.8	60.4	61.0	61.2	62.1	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	49.0	61.2	63.4	64.0	64.6	64.7	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	50.1	62.5	64.7	65.3	65.9	66.1	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 6000	50.1	62.9	65.2	65.8	66.4	66.5	67.7	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 5000	51.6	64.9	67.1	67.7	68.5	68.6	69.8	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	53.1	66.7	69.2	69.8	70.7	70.9	72.1	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4000	55.9	71.1	74.2	74.9	76.1	76.3	77.5	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500	57.3	73.1	76.6	77.3	78.7	78.8	80.0	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3000	58.8	74.9	78.9	79.6	81.3	81.5	82.7	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	59.6	76.3	80.5	81.3	83.1	83.3	84.5	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000	59.7	76.4	80.6	81.4	83.7	84.1	85.3	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800	59.8	76.5	80.7	81.5	83.8	84.2	85.4	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	60.0	76.6	80.8	81.8	84.3	84.7	86.0	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1200	60.4	77.3	81.5	83.2	86.7	87.1	88.6	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000	60.7	77.8	82.0	84.5	88.1	88.5	90.0	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	60.8	78.1	82.3	84.8	88.4	88.7	90.3	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	60.8	78.1	82.3	85.1	88.8	89.2	90.8	91.8	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	60.8	78.4	83.0	86.0	89.7	90.0	91.7	92.7	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	60.8	78.5	83.1	86.1	90.3	90.6	92.3	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 500	60.8	78.7	83.2	86.5	90.8	91.1	93.3	94.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	60.8	78.7	83.2	86.6	91.5	91.8	94.0	95.1	95.2	95.7	95.7	95.8	95.9	96.0	96.0	96.0
≥ 300	60.8	78.7	83.2	86.6	91.5	91.8	94.0	95.1	95.2	96.5	96.5	96.6	96.9	97.1	97.4	97.4
≥ 200	60.8	78.7	83.2	86.6	91.5	92.2	94.4	95.4	95.7	97.4	97.4	97.5	97.7	98.2	98.7	98.7
≥ 100	60.8	78.7	83.2	86.6	91.5	92.2	94.4	95.4	95.7	97.5	97.5	97.6	98.0	98.7	99.8	100.0
≥ 0	60.8	78.7	83.2	86.6	91.5	92.2	94.4	95.4	95.7	97.5	97.5	97.6	98.0	98.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 834

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	29.7	37.2	40.0	40.6	42.4	42.6	43.0	43.2	43.5	43.8	43.8	43.8	43.8	44.2	44.3	44.6
≥ 20000	33.4	42.0	44.9	45.6	47.4	47.7	48.0	48.3	48.5	49.0	49.1	49.2	49.2	49.6	49.8	50.1
≥ 18000	33.4	42.3	45.1	45.9	47.7	47.9	48.3	48.5	48.7	49.2	49.3	49.5	49.5	49.8	50.1	50.3
≥ 16000	33.4	42.3	45.1	45.9	47.7	47.9	48.3	48.5	48.7	49.2	49.3	49.5	49.5	49.8	50.1	50.3
≥ 14000	33.5	42.5	45.4	46.1	47.9	48.1	48.5	48.7	49.0	49.5	49.6	49.7	49.7	50.1	50.3	50.5
≥ 12000	33.8	43.1	46.0	46.7	48.5	48.9	49.2	49.5	49.7	50.2	50.3	50.4	50.4	50.8	51.0	51.3
≥ 10000	34.7	44.7	47.5	48.3	50.1	50.4	51.0	51.3	51.5	52.0	52.1	52.2	52.2	52.6	52.9	53.2
≥ 9000	35.4	45.4	48.3	49.0	50.8	51.1	51.7	52.0	52.2	52.7	52.8	52.9	52.9	53.3	53.7	53.9
≥ 8000	38.1	48.5	51.5	52.2	54.4	54.7	55.4	55.8	56.0	56.5	56.6	56.8	56.8	57.1	57.5	57.7
≥ 7000	39.0	50.1	53.1	53.8	56.0	56.4	57.1	57.5	57.7	58.2	58.3	58.4	58.4	58.8	59.2	59.4
≥ 6000	39.3	50.3	53.3	54.0	56.3	56.6	57.4	57.7	58.0	58.6	58.7	58.8	58.8	59.2	59.5	59.8
≥ 5000	40.1	51.6	54.9	55.9	58.8	59.3	60.1	60.5	60.7	61.3	61.4	61.6	61.6	61.9	62.3	62.5
≥ 4500	41.1	52.8	56.2	57.4	60.2	60.8	61.7	62.0	62.3	62.9	63.0	63.1	63.1	63.5	63.8	64.1
≥ 4000	43.7	57.1	60.8	62.5	65.9	66.5	67.7	68.1	68.5	69.1	69.2	69.3	69.3	69.7	70.1	70.3
≥ 3500	44.7	58.6	62.8	64.4	67.9	68.5	69.8	70.4	70.8	71.4	71.5	71.6	71.6	72.0	72.3	72.6
≥ 3000	46.2	60.7	65.4	67.1	70.5	71.1	72.6	73.2	73.5	74.1	74.4	74.5	74.5	74.9	75.2	75.4
≥ 2500	47.2	61.7	66.6	68.4	72.0	72.6	74.1	74.9	75.2	75.8	76.0	76.2	76.2	76.5	76.9	77.1
≥ 2000	48.5	63.5	68.4	70.2	73.9	74.5	76.2	76.9	77.4	78.0	78.2	78.3	78.3	78.7	79.0	79.3
≥ 1800	49.1	64.1	69.0	70.8	74.5	75.1	76.8	77.5	78.0	78.6	78.8	78.9	78.9	79.3	79.6	79.9
≥ 1500	49.2	64.4	69.6	71.6	75.7	76.4	78.3	79.0	79.5	80.1	80.4	80.5	80.5	80.8	81.2	81.4
≥ 1200	49.5	64.8	70.1	72.1	77.2	78.0	80.1	81.0	81.4	82.2	82.4	82.5	82.5	82.9	83.2	83.5
≥ 1000	50.1	66.0	71.6	74.1	79.6	80.4	83.1	84.4	84.9	85.6	85.9	86.0	86.0	86.3	86.7	86.9
≥ 900	50.2	66.2	71.9	74.5	80.0	80.7	83.7	85.0	85.5	86.2	86.5	86.6	86.6	86.9	87.3	87.5
≥ 800	50.2	66.9	73.1	75.8	81.3	82.0	85.3	86.6	87.1	88.0	88.3	88.4	88.4	88.7	89.1	89.3
≥ 700	50.2	66.9	73.2	76.2	81.7	82.4	85.7	87.1	87.7	88.6	88.9	89.0	89.0	89.3	89.7	89.9
≥ 600	50.2	67.1	73.5	76.5	82.4	83.1	86.6	87.9	88.5	89.6	89.8	89.9	89.9	90.3	90.7	90.9
≥ 500	50.3	67.8	74.4	77.5	83.7	84.6	88.5	89.9	90.5	91.6	91.9	92.0	92.1	92.5	92.8	93.1
≥ 400	50.3	67.8	74.4	77.8	84.2	85.0	89.1	90.7	91.4	92.8	93.2	93.3	93.4	93.8	94.1	94.4
≥ 300	50.3	67.8	74.4	77.8	84.2	85.0	89.1	90.7	91.4	93.8	94.3	94.4	94.5	95.1	95.9	96.2
≥ 200	50.3	67.8	74.4	77.8	84.3	85.4	89.6	91.1	91.9	94.5	95.2	95.3	95.9	97.0	98.0	98.2
≥ 100	50.3	67.8	74.4	77.8	84.3	85.4	89.6	91.1	91.9	94.6	95.3	95.4	96.3	97.8	99.2	99.6
≥ 0	50.3	67.8	74.4	77.8	84.3	85.4	89.6	91.1	91.9	94.6	95.3	95.4	96.3	97.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 835

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥	≥5/16	≥¼	≥0
NO CEILING	27.0	32.8	34.0	34.3	35.2	35.2	36.1	36.5	36.5	36.7	36.7	36.9	37.2	37.7	37.9	38.1
≥ 20000	30.7	37.2	38.5	39.0	40.3	40.3	41.3	41.9	41.9	42.1	42.1	42.3	42.6	43.1	43.5	43.6
≥ 18000	30.7	37.7	39.0	39.5	40.8	40.8	41.9	42.5	42.5	42.7	42.7	42.9	43.2	43.7	44.1	44.2
≥ 16000	30.9	37.8	39.1	39.6	40.9	40.9	42.0	42.6	42.6	42.9	42.9	43.0	43.3	43.8	44.2	44.3
≥ 14000	31.5	38.7	40.0	40.5	41.8	41.8	43.0	43.7	43.7	43.9	43.9	44.1	44.4	44.9	45.3	45.4
≥ 12000	31.8	39.5	40.8	41.3	42.6	42.6	43.8	44.5	44.5	44.8	44.8	44.9	45.3	45.7	46.1	46.2
≥ 10000	33.6	41.8	43.1	43.6	45.0	45.0	46.3	47.2	47.2	47.5	47.5	47.7	48.0	48.5	48.9	49.0
≥ 9000	33.7	42.3	43.6	44.1	45.5	45.5	46.8	47.7	47.7	48.0	48.0	48.1	48.5	49.0	49.3	49.5
≥ 8000	36.0	46.0	47.7	48.3	50.1	50.2	51.6	52.5	52.5	52.8	52.8	52.9	53.3	53.8	54.1	54.3
≥ 7000	37.8	48.4	50.2	50.9	52.7	52.8	54.3	55.1	55.1	55.5	55.5	55.6	55.9	56.4	56.8	56.9
≥ 6000	37.9	48.9	50.7	51.4	53.3	53.4	55.0	55.8	55.8	56.2	56.2	56.3	56.7	57.1	57.5	57.6
≥ 5000	39.4	50.3	52.3	53.2	55.3	55.6	57.3	58.1	58.1	58.5	58.5	58.6	59.1	59.5	59.9	60.0
≥ 4500	40.0	50.9	52.9	53.8	56.1	56.3	58.0	58.8	58.8	59.2	59.2	59.4	59.9	60.4	60.7	60.9
≥ 4000	42.1	54.3	56.3	57.4	60.0	60.4	62.5	63.5	63.5	63.9	63.9	64.1	64.7	65.2	65.5	65.7
≥ 3500	42.5	54.9	57.0	58.1	60.7	61.1	63.3	64.6	64.6	64.9	64.9	65.2	65.8	66.3	66.6	66.7
≥ 3000	43.0	55.6	57.9	58.9	61.6	61.9	64.5	65.8	65.8	66.3	66.3	66.5	67.1	67.6	67.9	68.1
≥ 2500	43.6	56.4	58.7	59.9	62.5	62.9	65.8	67.2	67.3	67.8	67.8	68.1	68.7	69.1	69.5	69.6
≥ 2000	45.7	59.4	61.9	63.4	66.6	67.0	70.0	71.4	71.8	72.4	72.4	72.6	73.2	73.7	74.1	74.2
≥ 1800	45.7	59.8	62.3	63.7	67.1	67.5	70.5	71.9	72.3	72.9	72.9	73.1	73.7	74.2	74.5	74.7
≥ 1500	46.3	61.3	64.0	65.4	69.0	69.4	73.0	74.4	74.8	75.4	75.4	75.6	76.2	76.7	77.1	77.2
≥ 1200	47.4	63.0	66.0	67.5	71.1	71.4	75.2	76.6	77.0	77.6	77.6	77.8	78.4	78.9	79.2	79.4
≥ 1000	48.1	64.0	67.0	68.4	72.7	73.2	77.4	79.0	79.4	80.0	80.0	80.2	80.8	81.3	81.6	81.8
≥ 900	48.4	64.5	67.6	69.0	73.6	74.1	78.3	79.8	80.2	80.8	80.8	81.0	81.6	82.1	82.5	82.6
≥ 800	48.6	65.3	69.1	70.8	75.6	76.1	80.6	82.2	82.6	83.2	83.2	83.4	84.0	84.5	84.9	85.0
≥ 700	48.9	65.5	69.5	71.4	76.4	76.8	81.3	83.2	83.6	84.3	84.3	84.5	85.1	85.6	86.0	86.1
≥ 600	49.1	66.3	70.5	72.9	77.8	78.3	82.7	84.6	85.1	86.1	86.1	86.3	86.9	87.4	87.8	87.9
≥ 500	49.1	66.4	70.9	73.7	79.5	80.1	85.0	87.0	87.8	89.2	89.2	89.4	90.0	90.8	91.1	91.2
≥ 400	49.1	66.5	71.1	73.8	80.0	80.7	85.6	87.9	88.6	90.0	90.0	90.3	90.9	91.6	92.0	92.1
≥ 300	49.1	66.5	71.1	74.1	80.3	81.0	86.1	88.5	89.6	92.1	92.2	92.7	93.4	94.4	95.3	95.4
≥ 200	49.1	66.5	71.1	74.1	80.4	81.2	86.3	88.7	89.9	92.8	92.9	93.4	95.1	96.3	97.6	97.8
≥ 100	49.1	66.5	71.1	74.1	80.4	81.2	86.3	88.7	89.9	92.8	92.9	93.4	95.2	96.5	98.7	99.5
≥ 0	49.1	66.5	71.1	74.1	80.4	81.2	86.3	88.7	89.9	92.8	92.9	93.4	95.2	96.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 833

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

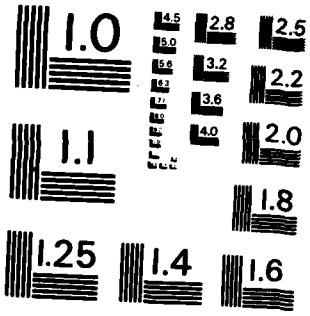
CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥2	≥1¾	≥1½	≥1¼	≥1	≥1	≥5/8	≥½	≥0
NO CEILING	28.9	35.0	35.4	35.5	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3
≥ 20000	33.3	42.4	43.0	43.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.4	44.4
≥ 18000	33.7	42.9	43.5	43.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.9	44.9
≥ 16000	33.8	43.0	43.6	43.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	45.0	45.0
≥ 14000	34.6	44.1	44.9	45.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.4	46.4
≥ 12000	35.0	45.2	46.0	46.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.4	47.4
≥ 10000	36.0	46.5	47.3	47.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.7	48.7
≥ 9000	36.4	47.0	47.9	48.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3
≥ 8000	38.7	49.8	50.8	50.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.4
≥ 7000	39.8	51.6	52.6	52.8	54.0	54.0	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7
≥ 6000	40.0	51.9	52.8	53.0	54.2	54.2	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	55.0	55.0
≥ 5000	40.7	53.4	54.5	54.7	56.2	56.2	56.6	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.0	57.0
≥ 4500	41.7	54.5	55.8	56.0	57.5	57.5	57.9	57.9	57.9	58.1	58.1	58.2	58.2	58.2	58.3	58.3
≥ 4000	43.7	57.2	58.5	58.9	60.8	60.8	61.5	61.5	61.5	61.6	61.6	61.8	61.8	61.8	61.9	61.9
≥ 3500	45.3	59.0	60.6	60.9	63.0	63.0	63.7	63.7	63.7	63.9	63.9	64.0	64.0	64.0	64.2	64.2
≥ 3000	47.8	63.1	64.8	65.2	67.5	67.5	68.2	68.2	68.2	68.5	68.5	68.6	68.6	68.6	68.7	68.7
≥ 2500	50.3	66.2	67.9	68.3	70.8	70.8	71.6	71.6	71.7	71.9	71.9	72.0	72.0	72.0	72.2	72.2
≥ 2000	52.2	69.2	71.0	71.4	74.2	74.2	74.9	74.9	75.0	75.3	75.3	75.4	75.4	75.4	75.5	75.5
≥ 1800	52.9	70.1	71.9	72.4	75.1	75.1	75.9	75.9	76.0	76.2	76.2	76.3	76.3	76.3	76.5	76.5
≥ 1500	54.6	72.6	74.6	75.1	78.7	78.7	79.7	79.7	79.8	80.0	80.0	80.2	80.2	80.2	80.3	80.3
≥ 1200	56.9	76.6	78.5	79.5	83.3	83.3	84.2	84.2	84.3	84.6	84.6	84.7	84.7	84.7	84.8	84.8
≥ 1000	57.6	77.8	79.9	80.9	85.1	85.2	86.3	86.3	86.4	87.0	87.0	87.1	87.1	87.1	87.2	87.2
≥ 900	57.6	78.0	80.2	81.1	85.5	85.7	86.7	86.9	87.0	87.6	87.6	87.7	87.7	87.7	87.8	87.8
≥ 800	57.8	78.4	80.5	81.5	86.1	86.3	87.3	87.5	87.6	88.3	88.3	88.4	88.4	88.4	88.5	88.5
≥ 700	58.1	78.6	80.8	81.8	86.9	87.1	88.4	88.5	88.6	89.4	89.4	89.5	89.5	89.5	89.6	89.6
≥ 600	58.1	78.9	81.0	82.6	87.8	88.2	90.0	90.1	90.2	91.0	91.0	91.2	91.2	91.2	91.3	91.3
≥ 500	58.2	79.2	81.4	83.2	88.9	89.4	91.8	92.0	92.1	93.0	93.0	93.1	93.1	93.1	93.2	93.2
≥ 400	58.2	79.2	81.4	83.2	89.1	89.7	92.6	93.3	93.7	94.6	94.6	94.7	94.7	94.7	94.9	94.9
≥ 300	58.3	79.3	81.5	83.4	89.5	90.1	93.0	93.9	94.3	95.3	95.6	95.7	95.7	95.9	96.1	96.1
≥ 200	58.3	79.3	81.5	83.5	89.6	90.2	93.4	94.4	94.9	96.9	97.1	97.4	98.0	98.6	99.2	99.3
≥ 100	58.3	79.3	81.5	83.5	89.6	90.2	93.4	94.4	94.9	97.0	97.3	97.5	98.2	98.8	99.8	100.0
≥ 0	58.3	79.3	81.5	83.5	89.6	90.2	93.4	94.4	94.9	97.0	97.3	97.5	98.2	98.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

AD-A122 715 HAHN AB GERMANY (WEST) REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 09 AUG 82 3/5

UNCLASSIFIED USAFETAC/DS-82/049 SBI-AD-E890 208 F/G 4/2 NL



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	30.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 20000	36.7	43.8	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	36.1	44.1	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 16000	36.1	44.2	44.4	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 14000	36.3	44.4	44.7	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 12000	36.9	45.6	46.0	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 10000	38.0	47.1	47.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 9000	38.8	47.9	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 8000	40.5	49.6	49.9	49.9	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 7000	41.8	51.3	51.6	51.6	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 6000	41.9	51.5	51.9	51.9	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 5000	44.2	54.2	54.6	54.6	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 4500	46.2	56.5	56.9	56.9	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 4000	49.6	61.3	61.6	61.6	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 3500	54.4	66.4	66.8	66.8	67.1	67.1	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3000	58.7	71.9	72.6	72.6	73.4	73.4	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2500	61.5	76.0	76.9	77.2	77.8	78.0	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	63.3	79.5	80.8	81.4	82.3	82.6	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	63.9	80.3	81.6	82.2	83.2	83.4	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	66.3	83.4	84.7	85.3	86.5	86.7	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	68.2	86.5	87.9	88.9	90.4	90.7	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	68.5	87.2	88.8	89.7	91.3	91.5	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	68.7	87.5	89.1	90.1	91.6	91.9	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	68.9	87.9	89.7	90.8	92.4	92.6	93.4	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	69.1	88.1	89.8	90.9	92.7	93.0	94.0	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	69.2	88.2	90.0	91.3	93.1	93.3	94.5	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	69.2	88.3	90.1	91.4	93.5	93.9	95.6	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	69.2	88.3	90.3	91.6	94.0	94.4	96.2	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 300	69.2	88.3	90.3	91.6	94.1	94.6	96.7	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	69.2	88.3	90.3	91.6	94.1	94.6	96.9	97.5	97.6	98.8	98.9	98.9	99.0	99.3	99.3	99.3
≥ 100	69.2	88.3	90.3	91.6	94.1	94.6	96.9	97.5	97.6	99.0	99.2	99.2	99.4	99.9	99.9	99.9
≥ 0	69.2	88.3	90.3	91.6	94.1	94.6	96.9	97.5	97.6	99.0	99.2	99.2	99.4	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB OL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	28.3	33.9	33.9	33.9	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 20000	36.6	44.4	44.4	44.4	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	37.1	45.3	45.3	45.3	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 16000	37.1	45.3	45.3	45.3	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 14000	37.7	46.8	46.8	46.8	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 12000	38.6	48.3	48.3	48.3	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 10000	41.5	51.6	51.6	51.6	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 9000	42.8	53.0	53.0	53.0	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 8000	45.9	56.3	56.8	56.8	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	47.2	57.9	58.4	58.4	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	47.4	58.3	58.7	58.7	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 5000	50.0	61.0	61.5	61.5	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4500	52.4	64.0	64.5	64.5	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4000	58.1	70.8	71.4	71.4	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3500	62.2	75.6	76.2	76.2	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	64.5	78.3	79.2	79.2	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	67.5	82.4	84.2	84.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	69.4	85.8	87.7	87.7	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	69.7	86.2	88.2	88.2	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	70.6	88.0	90.1	90.1	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	71.2	89.2	91.3	91.3	92.7	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	71.7	90.0	92.0	92.0	93.7	93.9	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	71.7	90.0	92.0	92.0	93.8	94.0	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	71.8	90.4	92.6	92.6	94.6	94.9	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	71.8	90.6	92.7	92.8	95.0	95.3	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	71.9	90.7	92.8	92.9	95.1	95.5	96.2	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	71.9	90.9	93.2	93.3	95.5	96.1	97.1	97.5	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 400	71.9	90.9	93.4	93.5	95.7	96.3	97.4	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 300	71.9	90.9	93.4	93.5	95.8	96.4	97.7	98.2	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 200	71.9	90.9	93.4	93.5	95.8	96.4	97.7	98.2	98.3	98.8	98.8	98.8	99.2	99.3	99.3	99.3
≥ 100	71.9	90.9	93.4	93.5	95.8	96.4	97.7	98.2	98.3	98.8	98.9	98.9	99.5	99.6	99.6	99.6
≥ 0	71.9	90.9	93.4	93.5	95.8	96.4	97.7	98.2	98.3	98.8	98.9	98.9	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS L.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	33.6	39.2	39.4	39.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 20000	42.4	50.3	50.5	50.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	43.6	52.2	52.4	52.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 16000	43.7	52.6	52.8	52.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	44.2	53.5	53.8	53.8	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	45.0	54.5	54.7	54.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000	47.3	57.7	57.9	57.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	48.3	59.0	59.3	59.3	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 8000	52.3	63.7	64.0	64.2	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 7000	53.6	66.1	66.4	66.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	54.0	66.5	66.9	67.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 5000	56.9	69.7	70.0	70.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	59.0	71.9	72.3	72.8	73.8	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000	63.8	77.8	78.4	79.1	80.3	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	66.4	80.9	81.5	82.2	83.4	83.4	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	68.2	83.3	83.9	84.7	86.0	86.0	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	69.7	84.8	85.8	86.7	88.1	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	70.3	85.7	86.9	88.1	89.6	89.6	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	70.8	86.4	87.6	88.8	90.4	90.4	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	71.6	87.7	88.9	90.2	92.1	92.1	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	71.7	87.9	89.1	90.4	92.4	92.4	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	71.9	88.2	89.4	90.7	92.6	92.6	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	71.9	88.2	89.4	90.7	92.6	92.6	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	71.9	88.2	89.5	90.9	93.0	93.0	93.9	94.4	94.6	94.7	94.7	94.7	94.7	94.9	94.9	94.9
≥ 700	71.9	88.2	89.6	91.3	93.4	93.4	94.7	95.2	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7
≥ 600	71.9	88.2	89.7	91.4	93.5	93.5	94.9	95.8	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3
≥ 500	71.9	88.2	89.7	91.4	93.8	93.8	95.3	96.4	96.7	96.8	96.8	96.8	97.0	97.1	97.1	97.1
≥ 400	71.9	88.2	89.7	91.4	93.9	93.9	95.7	96.8	97.0	97.6	97.7	97.7	98.0	98.1	98.1	98.1
≥ 300	71.9	88.2	89.7	91.4	93.9	93.9	95.8	96.9	97.1	98.0	98.1	98.1	98.3	98.4	98.4	98.4
≥ 200	71.9	88.2	89.7	91.4	93.9	93.9	95.9	97.5	97.7	98.6	98.7	98.7	98.9	99.2	99.4	99.4
≥ 100	71.9	88.2	89.7	91.4	93.9	93.9	95.9	97.5	97.7	98.6	98.7	99.0	99.3	99.8	100.0	100.0
≥ 0	71.9	88.2	89.7	91.4	93.9	93.9	95.9	97.5	97.7	98.6	98.7	99.0	99.3	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥
NO CEILING	40.0	46.9	48.0	48.0	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 20000	45.6	54.6	55.6	55.6	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 18000	46.5	56.4	57.4	57.4	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 16000	46.9	56.7	57.8	57.8	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	46.9	56.7	57.8	57.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	47.7	58.3	59.4	59.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	49.4	60.7	61.8	61.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9000	50.1	61.8	62.9	63.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	53.5	66.1	67.4	67.5	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	54.2	66.9	68.2	68.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	54.4	67.4	68.7	68.8	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	56.7	70.0	71.5	71.6	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4500	57.7	71.1	72.7	72.8	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	62.1	76.6	78.2	78.3	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9
≥ 3500	62.8	78.5	80.2	80.3	82.6	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0
≥ 3000	64.9	81.2	83.3	83.6	86.0	86.1	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6
≥ 2500	65.5	82.1	84.7	85.0	87.4	87.5	87.6	87.8	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1
≥ 2000	65.7	82.7	85.5	86.3	89.1	89.2	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 1800	66.2	83.6	86.3	87.2	89.9	90.0	90.2	90.3	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6
≥ 1500	66.2	83.8	86.6	87.4	90.3	90.4	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1
≥ 1200	66.5	84.7	87.4	88.4	91.4	91.5	91.8	92.0	92.1	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 1000	66.7	85.0	87.8	88.7	91.7	91.8	92.3	92.4	92.6	93.2	93.2	93.2	93.2	93.3	93.3	93.3
≥ 900	66.7	85.0	87.8	88.7	91.7	91.8	92.3	92.6	92.7	93.3	93.3	93.3	93.3	93.4	93.4	93.4
≥ 800	66.7	85.0	87.9	88.8	92.0	92.1	92.6	92.8	93.0	93.8	93.8	93.8	93.8	93.9	93.9	93.9
≥ 700	66.7	85.0	87.9	89.2	92.3	92.4	92.9	93.2	93.4	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 600	66.7	85.0	87.9	89.2	92.7	92.8	93.4	93.6	93.9	94.7	94.7	94.7	94.7	94.8	94.8	94.8
≥ 500	66.7	85.1	88.0	89.3	93.2	93.3	94.2	94.7	95.0	95.8	95.8	95.8	96.0	96.2	96.2	96.2
≥ 400	66.7	85.1	88.0	89.3	93.3	93.4	94.4	94.8	95.1	96.0	96.3	96.3	96.5	96.6	96.6	96.6
≥ 300	66.7	85.1	88.0	89.3	93.5	93.6	94.6	95.1	95.6	97.1	97.4	97.4	97.6	98.0	98.0	98.0
≥ 200	66.7	85.1	88.0	89.4	93.6	93.8	94.8	95.6	96.0	97.7	98.0	98.0	98.3	99.4	99.4	99.4
≥ 100	66.7	85.1	88.0	89.4	93.6	93.8	94.8	95.6	96.0	97.7	98.0	98.1	98.6	99.6	99.9	99.9
≥ 0	66.7	85.1	88.0	89.4	93.6	93.8	94.8	95.6	96.0	97.7	98.0	98.1	98.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 834

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	32.1	38.6	39.5	39.7	40.4	40.5	40.7	40.8	40.9	41.0	41.0	41.0	41.0	41.1	41.2	41.2
≥ 20000	37.8	46.2	47.2	47.5	48.4	48.5	48.8	48.9	49.0	49.1	49.1	49.1	49.2	49.3	49.4	49.4
≥ 18000	38.1	47.0	48.0	48.3	49.2	49.3	49.6	49.7	49.8	49.9	49.9	49.9	50.0	50.1	50.2	50.2
≥ 6000	38.2	47.1	48.2	48.4	49.3	49.4	49.7	49.9	49.9	50.0	50.0	50.1	50.1	50.2	50.3	50.3
≥ 14000	38.6	47.7	48.8	49.0	50.0	50.1	50.4	50.5	50.6	50.7	50.7	50.7	50.8	50.9	51.0	51.0
≥ 12000	39.2	48.8	49.8	50.1	51.1	51.1	51.5	51.6	51.7	51.8	51.8	51.8	51.9	52.0	52.1	52.1
≥ 10000	40.7	50.9	52.0	52.2	53.2	53.3	53.6	53.8	53.9	54.0	54.0	54.0	54.1	54.2	54.3	54.3
≥ 9000	41.5	51.8	52.9	53.1	54.1	54.2	54.6	54.8	54.8	54.9	54.9	55.0	55.0	55.1	55.2	55.3
≥ 8000	44.3	55.1	56.4	56.7	57.9	58.0	58.5	58.7	58.7	58.8	58.9	58.9	58.9	59.0	59.2	59.2
≥ 7000	45.5	56.8	58.1	58.5	59.7	59.8	60.3	60.5	60.6	60.7	60.7	60.7	60.8	60.9	61.0	61.0
≥ 6000	45.6	57.2	58.5	58.9	60.1	60.2	60.8	61.0	61.0	61.1	61.1	61.2	61.2	61.3	61.4	61.5
≥ 5000	47.4	59.4	60.8	61.2	62.6	62.8	63.3	63.5	63.6	63.7	63.7	63.8	63.8	63.9	64.0	64.1
≥ 4500	48.9	61.1	62.5	63.0	64.4	64.6	65.2	65.4	65.4	65.6	65.6	65.6	65.7	65.8	65.9	65.9
≥ 4000	52.4	65.8	67.4	68.0	69.7	69.9	70.6	70.9	70.9	71.1	71.1	71.2	71.2	71.4	71.5	71.5
≥ 3500	54.5	68.4	70.2	70.8	72.6	72.7	73.5	73.8	73.8	74.0	74.0	74.1	74.2	74.3	74.4	74.4
≥ 3000	56.5	71.1	73.2	73.9	75.8	76.0	76.9	77.2	77.2	77.4	77.5	77.5	77.6	77.7	77.8	77.9
≥ 2500	58.1	73.2	75.7	76.4	78.4	78.6	79.5	79.9	80.0	80.2	80.2	80.3	80.4	80.5	80.6	80.6
≥ 2000	59.4	75.3	77.8	78.7	81.1	81.3	82.3	82.6	82.8	83.0	83.0	83.1	83.2	83.3	83.4	83.5
≥ 1800	59.8	75.9	78.5	79.4	81.7	82.0	82.9	83.3	83.5	83.7	83.7	83.8	83.9	84.0	84.1	84.1
≥ 1500	60.6	77.3	79.9	80.9	83.5	83.8	84.9	85.3	85.5	85.7	85.7	85.8	85.9	86.0	86.1	86.1
≥ 1200	61.5	78.8	81.5	82.7	85.7	85.9	87.2	87.6	87.8	88.1	88.1	88.2	88.2	88.4	88.5	88.5
≥ 1000	61.9	79.5	82.3	83.6	86.9	87.1	88.7	89.2	89.4	89.8	89.9	89.9	90.0	90.1	90.2	90.3
≥ 900	62.0	79.7	82.5	83.9	87.2	87.4	89.0	89.6	89.8	90.2	90.2	90.3	90.4	90.5	90.6	90.6
≥ 800	62.1	80.0	83.1	84.6	88.0	88.3	89.9	90.6	90.8	91.3	91.3	91.4	91.4	91.6	91.7	91.7
≥ 700	62.2	80.2	83.3	85.0	88.5	88.8	90.6	91.3	91.5	92.0	92.0	92.1	92.2	92.3	92.4	92.5
≥ 600	62.2	80.4	83.6	85.4	89.1	89.4	91.3	92.1	92.3	92.9	93.0	93.0	93.1	93.2	93.3	93.4
≥ 500	62.3	80.6	83.9	85.8	89.9	90.3	92.6	93.5	93.8	94.4	94.5	94.5	94.7	94.9	95.0	95.0
≥ 400	62.3	80.6	83.9	85.9	90.2	90.7	93.1	94.1	94.4	95.3	95.4	95.4	95.6	95.8	95.9	95.9
≥ 300	62.3	80.6	84.0	86.0	90.4	90.8	93.4	94.4	94.8	96.2	96.3	96.4	96.6	96.9	97.2	97.3
≥ 200	62.3	80.6	84.0	86.0	90.4	91.0	93.6	94.8	95.3	96.9	97.1	97.2	97.8	98.4	98.8	98.9
≥ 100	62.3	80.6	84.0	86.0	90.4	91.0	93.6	94.8	95.3	97.0	97.2	97.4	98.1	98.8	99.6	99.8
≥ 0	62.3	80.6	84.0	86.0	90.4	91.0	93.6	94.8	95.3	97.0	97.2	97.4	98.1	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6683

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO CEILING	40.5	46.1	48.[illegible]	48.3	49.4	49.4	50.6	50.8	50.8	50.8	50.8	50.8	50.8	51.2	51.2	51.2
≥ 20000	44.4	50.9	52.9	53.3	54.8	54.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.6	56.6	56.6
≥ 18000	44.4	50.9	52.9	53.3	54.8	54.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.6	56.6	56.6
≥ 16000	44.4	50.9	52.9	53.3	54.8	54.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.6	56.6	56.6
≥ 14000	44.7	51.4	53.4	53.8	55.3	55.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	57.1	57.1	57.1
≥ 12000	45.7	52.4	54.4	54.8	56.5	56.5	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.3	58.3	58.3
≥ 10000	47.8	54.8	57.0	57.4	59.2	59.2	60.4	60.7	60.7	60.7	60.7	60.7	60.7	61.1	61.1	61.1
≥ 9000	48.3	55.3	57.5	57.8	59.7	59.7	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.6	61.6	61.6
≥ 8000	51.1	58.1	60.6	60.9	62.8	62.8	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.9	64.9	64.9
≥ 7000	52.3	59.5	62.2	62.5	64.4	64.4	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.5	66.5	66.5
≥ 6000	52.3	59.6	62.3	62.7	64.5	64.5	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.6	66.6	66.6
≥ 5000	54.1	61.8	64.9	65.3	67.1	67.1	68.5	68.9	68.9	68.9	68.9	68.9	68.9	69.2	69.2	69.2
≥ 4500	55.1	63.0	66.5	67.0	68.9	68.9	70.2	70.6	70.6	70.6	70.6	70.6	70.6	71.0	71.0	71.0
≥ 4000	58.0	67.1	70.7	71.3	73.7	73.7	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.9	75.9	75.9
≥ 3500	60.1	69.8	73.8	74.4	76.9	76.9	78.5	78.9	78.9	78.9	78.9	78.9	78.9	79.2	79.2	79.2
≥ 3000	62.3	72.8	77.1	77.9	80.8	80.8	82.4	82.8	82.8	83.1	83.1	83.1	83.1	83.4	83.4	83.4
≥ 2500	63.8	74.7	79.0	80.0	82.9	82.9	84.5	84.9	84.9	85.2	85.2	85.2	85.2	85.5	85.5	85.5
≥ 2000	64.6	75.8	80.3	81.3	84.9	84.9	86.7	87.0	87.0	87.3	87.3	87.4	87.4	87.8	87.8	87.8
≥ 1800	64.9	76.1	80.8	81.8	85.4	85.4	87.1	87.5	87.5	87.8	87.8	87.9	87.9	88.3	88.3	88.3
≥ 1500	65.6	76.9	81.6	82.9	86.8	86.8	88.5	88.9	88.9	89.1	89.1	89.2	89.2	89.6	89.6	89.6
≥ 1200	65.6	77.1	82.1	83.7	87.6	87.6	89.4	89.7	89.7	90.0	90.0	90.1	90.1	90.5	90.5	90.5
≥ 1000	65.6	77.1	82.1	83.8	87.9	88.0	90.1	90.5	90.6	90.9	90.9	91.0	91.0	91.3	91.3	91.3
≥ 900	65.6	77.1	82.1	83.8	87.9	88.0	90.1	90.5	90.6	90.9	90.9	91.0	91.0	91.3	91.3	91.3
≥ 800	66.1	77.8	82.7	84.4	88.5	88.6	90.9	91.2	91.6	91.8	91.8	92.0	92.1	92.5	92.5	92.5
≥ 700	66.3	77.9	82.8	84.5	88.8	88.9	91.5	91.8	92.2	92.5	92.5	92.6	92.7	93.1	93.1	93.1
≥ 600	66.3	78.0	83.1	84.8	89.4	89.5	92.1	92.5	92.8	93.[illegible]	93.1	93.2	93.3	93.7	93.7	93.7
≥ 500	66.6	78.4	83.9	85.9	90.6	90.7	93.4	93.8	94.2	94.4	94.4	94.6	94.7	95.1	95.1	95.1
≥ 400	66.6	78.4	83.9	86.0	91.0	91.1	94.1	94.4	94.8	95.3	95.4	95.6	95.7	96.0	96.0	96.0
≥ 300	66.7	78.5	84.1	86.3	91.5	91.6	94.6	95.1	95.4	96.7	96.8	97.0	97.4	98.1	98.1	98.4
≥ 200	66.7	78.5	84.1	86.3	91.5	91.6	94.7	95.4	95.8	97.0	97.2	97.7	98.1	99.3	99.4	99.6
≥ 100	66.7	78.5	84.1	86.3	91.5	91.6	94.7	95.4	95.8	97.0	97.2	97.7	98.3	99.5	99.8	100.0
≥ 0	66.7	78.5	84.1	86.3	91.5	91.6	94.7	95.4	95.8	97.0	97.2	97.7	98.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	31.0	37.4	38.4	39.0	40.8	41.1	42.5	43.0	43.0	43.5	43.5	43.5	43.6	43.7	44.0	44.0
≥ 20000	32.7	39.9	41.0	41.8	43.7	44.1	45.6	46.2	46.2	46.7	46.7	46.7	46.8	47.0	47.2	47.2
≥ 18000	33.1	40.3	41.4	42.1	44.1	44.5	46.0	46.6	46.6	47.1	47.1	47.1	47.2	47.3	47.6	47.6
≥ 16000	33.1	40.3	41.4	42.1	44.1	44.5	46.0	46.6	46.6	47.1	47.1	47.1	47.2	47.3	47.6	47.6
≥ 14000	33.2	40.4	41.5	42.3	44.2	44.6	46.1	46.7	46.7	47.2	47.2	47.2	47.3	47.5	47.7	47.7
≥ 12000	34.1	41.5	42.8	43.5	45.5	45.8	47.3	48.0	48.0	48.5	48.5	48.5	48.6	48.7	48.9	48.9
≥ 10000	35.8	43.4	44.6	45.4	47.3	47.7	49.4	50.1	50.1	50.6	50.6	50.6	50.7	50.8	51.1	51.1
≥ 9000	36.8	44.9	46.1	46.8	48.8	49.2	50.9	51.5	51.5	52.0	52.0	52.0	52.2	52.3	52.5	52.5
≥ 8000	39.2	48.0	49.4	50.2	52.4	52.8	54.5	55.1	55.1	55.6	55.6	55.6	55.8	55.9	56.1	56.1
≥ 7000	39.8	48.7	50.4	51.2	53.5	53.9	55.6	56.3	56.3	56.8	56.8	56.8	56.9	57.0	57.2	57.2
≥ 6000	39.9	48.9	50.7	51.4	53.8	54.3	56.0	56.6	56.6	57.1	57.1	57.1	57.2	57.4	57.6	57.6
≥ 5000	41.6	51.2	53.2	54.0	56.6	57.1	59.0	59.6	59.6	60.1	60.1	60.1	60.2	60.3	60.6	60.6
≥ 4500	42.5	52.0	54.4	55.3	57.9	58.4	60.2	60.8	60.8	61.3	61.3	61.3	61.5	61.6	61.8	61.8
≥ 4000	46.2	56.9	59.2	60.6	63.3	63.9	66.0	66.8	66.8	67.3	67.3	67.3	67.4	67.5	67.8	67.8
≥ 3500	47.6	59.1	61.6	63.1	66.2	66.8	69.0	69.8	69.8	70.3	70.3	70.3	70.4	70.5	70.8	70.8
≥ 3000	50.3	62.5	65.2	66.9	70.3	70.9	73.1	73.9	73.9	74.6	74.6	74.6	74.7	75.0	75.2	75.2
≥ 2500	51.3	63.8	66.5	68.3	71.9	72.5	74.7	75.5	75.5	76.2	76.2	76.2	76.3	76.6	76.8	76.8
≥ 2000	52.3	65.4	68.4	70.3	74.3	75.1	77.7	78.4	78.4	79.2	79.2	79.2	79.3	79.6	79.8	79.8
≥ 1800	52.4	65.7	68.6	70.5	74.7	75.5	78.1	78.8	78.8	79.6	79.6	79.6	79.7	79.9	80.2	80.2
≥ 1500	53.0	66.5	69.9	72.0	76.2	77.0	79.6	80.3	80.3	81.0	81.0	81.0	81.2	81.4	81.7	81.7
≥ 1200	53.4	67.0	70.5	72.6	77.1	77.8	80.4	81.3	81.3	82.0	82.0	82.0	82.2	82.4	82.7	82.7
≥ 1000	53.8	67.7	71.4	73.5	78.8	79.6	82.5	83.4	83.4	84.5	84.5	84.5	84.6	84.9	85.1	85.1
≥ 900	54.0	67.9	71.6	73.7	79.1	79.8	82.8	83.8	83.8	84.9	84.9	84.9	85.0	85.3	85.5	85.5
≥ 800	54.4	68.3	72.0	74.2	79.9	80.8	83.8	85.0	85.0	86.1	86.1	86.1	86.2	86.5	86.7	86.7
≥ 700	54.5	68.4	72.1	74.3	80.2	81.2	84.3	85.5	85.5	86.6	86.6	86.6	86.7	87.0	87.2	87.2
≥ 600	54.8	68.6	72.9	75.6	81.7	82.8	86.4	88.0	88.0	89.3	89.3	89.3	89.5	89.7	90.0	90.0
≥ 500	54.9	69.1	73.5	76.3	82.9	84.1	88.2	90.1	90.2	91.6	91.7	91.7	91.8	92.2	92.4	92.4
≥ 400	55.3	69.5	73.9	76.7	83.3	84.5	89.0	90.8	91.0	92.8	93.2	93.2	93.6	94.1	94.3	94.3
≥ 300	55.3	69.5	73.9	76.7	83.4	84.8	89.5	91.3	91.4	94.2	94.8	94.9	95.5	97.0	97.3	97.4
≥ 200	55.3	69.5	73.9	76.7	83.4	84.8	89.5	91.4	91.7	94.5	95.3	95.4	96.3	98.0	98.6	98.9
≥ 100	55.3	69.5	73.9	76.7	83.4	84.8	89.5	91.4	91.7	94.5	95.3	95.4	96.3	98.4	99.4	99.9
≥ 0	55.4	69.6	74.0	76.8	83.5	84.9	89.6	91.6	91.8	94.7	95.4	95.5	96.4	98.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 807

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	25.2	31.2	32.3	33.2	34.1	34.4	35.1	35.4	35.7	36.3	36.3	36.3	36.4	36.4	36.4	36.4
≥ 20000	30.9	37.7	38.9	39.8	40.6	41.0	41.6	42.0	42.3	43.0	43.0	43.0	43.1	43.1	43.1	43.1
≥ 18000	31.2	38.0	39.3	40.1	41.0	41.4	42.0	42.4	42.6	43.5	43.5	43.5	43.6	43.6	43.6	43.6
≥ 16000	31.2	38.0	39.3	40.1	41.0	41.4	42.0	42.4	42.6	43.5	43.5	43.5	43.6	43.6	43.6	43.6
≥ 14000	31.7	38.5	39.8	40.6	41.5	41.9	42.8	43.1	43.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5
≥ 12000	33.3	40.4	41.6	42.5	43.5	43.9	44.7	45.1	45.4	46.3	46.3	46.3	46.5	46.5	46.5	46.5
≥ 10000	34.9	42.3	43.5	44.4	45.5	45.8	46.7	47.1	47.3	48.5	48.5	48.5	48.6	48.6	48.6	48.7
≥ 9000	35.8	43.1	44.4	45.2	46.5	46.8	47.7	48.1	48.3	49.4	49.4	49.4	49.6	49.6	49.6	49.7
≥ 8000	37.8	45.7	47.5	48.3	49.8	50.2	51.2	51.5	51.8	52.9	52.9	52.9	53.0	53.0	53.0	53.2
≥ 7000	38.8	46.7	48.5	49.3	51.1	51.4	52.7	53.0	53.4	54.6	54.6	54.6	54.8	54.8	54.8	54.9
≥ 6000	38.9	46.8	48.6	49.4	51.2	51.5	52.8	53.2	53.5	54.8	54.8	54.8	54.9	54.9	54.9	55.0
≥ 5000	41.0	49.2	51.1	52.2	54.0	54.4	55.6	56.0	56.4	57.6	57.6	57.6	57.7	57.7	57.7	57.9
≥ 4500	42.1	50.3	52.3	53.4	55.3	55.6	56.9	57.2	57.6	58.9	58.9	58.9	59.0	59.0	59.0	59.1
≥ 4000	43.4	52.2	54.3	55.5	57.9	58.2	59.7	60.2	60.7	62.1	62.3	62.3	62.5	62.6	62.7	62.8
≥ 3500	45.1	54.4	56.5	57.9	60.2	60.6	62.2	62.7	63.2	64.6	64.8	64.8	64.9	65.1	65.2	65.3
≥ 3000	46.3	56.4	58.7	60.1	62.6	62.9	64.7	65.3	65.8	67.4	67.8	67.8	67.9	68.2	68.3	68.4
≥ 2500	47.1	57.2	59.6	61.1	63.6	64.1	66.0	66.7	67.2	68.8	69.1	69.1	69.3	69.5	69.6	69.8
≥ 2000	48.8	59.6	62.2	63.7	66.2	66.7	68.8	69.6	70.1	71.7	72.4	72.4	72.5	72.7	72.9	73.0
≥ 1800	49.2	60.1	62.7	64.2	66.7	67.2	69.4	70.3	70.8	72.4	73.0	73.0	73.1	73.4	73.5	73.6
≥ 1500	49.9	60.8	63.7	65.3	68.0	68.5	70.9	71.7	72.2	73.9	74.5	74.5	74.6	74.8	75.0	75.1
≥ 1200	51.2	62.5	65.4	67.0	70.1	70.6	73.2	74.2	74.8	76.5	77.1	77.1	77.3	77.6	77.7	77.8
≥ 1000	52.9	64.4	67.4	69.1	72.9	73.5	76.2	77.2	77.8	79.4	80.2	80.2	80.4	80.7	80.8	80.9
≥ 900	53.3	64.9	67.9	69.6	73.4	74.0	76.7	77.7	78.3	79.9	80.7	80.7	80.9	81.2	81.3	81.4
≥ 800	53.4	65.2	68.5	70.4	74.2	74.8	77.9	78.9	79.7	81.3	82.0	82.0	82.3	82.5	82.7	82.8
≥ 700	53.5	65.6	68.9	70.8	75.1	75.8	79.2	80.4	81.2	82.8	83.5	83.5	83.9	84.1	84.3	84.4
≥ 600	53.8	66.0	69.9	72.4	77.0	77.7	81.4	83.0	83.9	85.6	86.4	86.4	86.7	87.0	87.1	87.2
≥ 500	53.9	66.2	70.0	72.7	77.7	78.6	83.1	85.1	86.1	88.0	88.7	89.0	89.5	89.7	89.8	90.0
≥ 400	53.9	66.3	70.3	73.0	78.4	79.3	84.3	86.5	87.7	90.2	91.0	91.3	91.8	92.1	92.2	92.3
≥ 300	54.4	66.8	70.9	73.6	79.1	79.9	84.9	87.2	88.7	91.9	93.2	94.1	94.9	95.8	96.3	96.7
≥ 200	54.4	66.8	70.9	73.6	79.1	79.9	85.0	87.4	89.2	92.9	94.2	95.2	96.2	97.8	98.5	98.9
≥ 100	54.4	66.8	70.9	73.6	79.1	79.9	85.0	87.4	89.2	92.9	94.3	95.3	96.4	98.4	99.1	100.0
≥ 0	54.4	66.8	70.9	73.6	79.1	79.9	85.0	87.4	89.2	92.9	94.3	95.3	96.4	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 807

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥	≥5/16	≥	≥
NO CEILING	28.3	31.5	32.3	32.6	33.0	33.0	33.1	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 20000	34.4	38.2	39.1	39.4	40.2	40.2	40.3	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 18000	34.7	38.6	39.4	39.8	40.5	40.5	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 16000	34.7	38.7	39.6	39.9	40.7	40.7	40.8	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 14000	34.9	38.9	39.9	40.3	41.0	41.0	41.2	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 12000	36.2	40.4	41.4	41.9	42.6	42.6	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 10000	37.9	43.0	44.1	44.6	45.4	45.4	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 9000	38.7	43.8	44.9	45.4	46.1	46.1	46.2	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 8000	42.2	48.1	49.3	49.8	51.1	51.1	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 7000	42.9	48.8	50.1	50.6	51.8	51.8	51.9	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 6000	43.3	49.3	50.6	51.1	52.3	52.3	52.4	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 5000	44.7	51.2	52.4	53.0	54.4	54.4	54.5	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 4500	45.0	51.7	52.9	53.5	54.9	54.9	55.0	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 4000	47.3	54.6	56.0	56.6	58.0	58.0	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 3500	48.9	56.4	57.8	58.7	60.3	60.3	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 3000	53.0	61.1	62.8	63.7	65.4	65.4	66.0	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 2500	55.1	64.2	65.9	66.7	68.7	68.7	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 2000	59.0	69.6	71.3	72.2	74.3	74.3	75.3	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1800	59.6	70.6	72.3	73.2	75.3	75.4	76.5	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1500	63.4	75.2	77.0	77.9	80.1	80.3	81.6	81.7	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1200	65.1	77.3	79.4	80.6	82.9	83.2	84.8	84.9	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1000	65.9	78.2	81.2	82.8	85.4	85.8	87.5	87.8	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 900	66.1	78.6	81.7	83.3	86.0	86.4	88.3	88.5	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	66.6	79.5	82.8	84.4	87.3	87.6	89.6	90.0	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	66.6	79.7	83.1	84.8	88.1	88.5	90.6	91.0	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	66.6	79.9	83.6	85.4	89.0	89.4	91.6	92.2	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 500	66.9	80.1	83.8	86.0	89.9	90.2	92.7	93.8	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 400	66.9	80.1	83.8	86.0	89.9	90.2	93.0	94.2	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 300	67.0	80.2	83.9	86.2	90.2	90.7	94.2	95.4	96.7	97.3	97.3	97.4	97.5	97.7	97.7	97.7
≥ 200	67.0	80.2	83.9	86.2	90.2	90.7	94.3	95.8	97.3	98.1	98.3	98.4	98.6	99.0	99.0	99.0
≥ 100	67.1	80.2	83.9	86.2	90.2	90.7	94.3	95.9	97.5	98.8	98.9	99.1	99.4	100.0	100.0	100.0
≥ 0	67.0	80.2	83.9	86.2	90.2	90.7	94.3	95.9	97.5	98.8	98.9	99.1	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17616J (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (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	27.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 20000	32.7	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 18000	33.2	36.4	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 16000	33.3	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 14000	33.6	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 12000	34.6	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 10000	35.9	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000	36.8	40.6	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 8000	39.9	44.0	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 7000	41.6	45.8	46.2	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 6000	42.2	46.8	47.2	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 5000	44.1	48.9	49.4	49.4	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 4500	45.9	50.7	51.2	51.2	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 4000	52.2	58.1	58.9	58.9	59.8	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 3500	58.4	64.7	65.6	65.7	66.7	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3000	63.6	70.9	71.9	72.1	73.1	73.2	73.2	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2500	67.8	76.2	77.3	77.5	78.6	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	71.6	81.2	82.5	83.1	84.4	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	72.7	82.6	83.8	84.7	86.0	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	74.6	85.4	86.9	88.0	89.9	90.0	90.1	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	75.6	87.2	88.8	90.4	92.6	92.7	93.1	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	76.2	87.9	89.5	91.4	93.7	93.8	94.2	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	76.2	87.9	89.5	91.4	93.7	93.8	94.2	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	76.2	87.9	89.6	91.5	94.1	94.2	94.6	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	76.2	88.0	89.9	91.7	94.6	94.7	95.1	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	76.2	88.3	90.1	92.0	95.2	95.3	95.9	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	76.2	88.3	90.1	92.0	95.7	95.9	96.5	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	76.3	88.4	90.2	92.1	96.0	96.3	97.0	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	76.3	88.4	90.2	92.1	96.2	96.4	97.4	98.3	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	76.3	88.4	90.2	92.1	96.2	96.4	97.8	98.8	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	76.3	88.4	90.2	92.1	96.2	96.4	97.8	98.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	76.3	88.4	90.2	92.1	96.2	96.4	97.8	98.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

I 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	30.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000	37.9	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 18000	38.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 16000	38.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 14000	38.8	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 12000	39.9	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 10000	41.1	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 9000	42.3	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 8000	45.8	48.5	48.6	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 7000	47.7	50.6	50.7	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 6000	47.9	51.0	51.1	51.2	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 5000	49.8	53.8	54.0	54.1	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 4500	54.3	59.0	59.1	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 4000	62.3	67.9	68.6	68.8	69.3	69.4	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3500	66.2	72.3	73.1	73.2	73.7	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	69.6	76.7	77.5	77.7	78.4	78.5	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	74.8	82.6	83.8	84.3	85.7	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	77.3	85.8	87.3	88.3	90.1	90.4	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	77.5	86.2	87.7	88.6	91.0	91.2	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	78.1	87.2	88.9	89.9	92.7	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	78.8	88.0	90.0	91.1	94.3	94.6	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	78.8	88.3	90.4	91.6	95.6	95.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	78.8	88.3	90.4	91.6	95.6	95.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	78.9	88.4	90.5	91.7	95.8	96.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	78.9	88.4	90.5	91.7	95.8	96.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	78.9	88.4	90.5	91.7	96.0	96.3	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	79.0	88.6	90.7	92.0	96.5	96.8	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	79.0	88.8	91.1	92.3	96.9	97.2	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	79.0	88.8	91.1	92.3	97.0	97.3	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	79.0	88.8	91.1	92.3	97.0	97.3	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	79.0	88.8	91.1	92.3	97.0	97.3	99.0	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.0	88.8	91.1	92.3	97.0	97.3	99.0	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 5160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (TIME)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	35.4	38.0	38.1	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 20000	44.6	48.4	48.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 18000	45.0	49.0	49.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 16000	45.0	49.0	49.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 14000	45.7	49.8	49.9	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	48.5	53.0	53.1	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 10000	52.4	57.1	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 9000	53.7	58.5	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 8000	57.3	63.0	63.5	63.5	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	59.2	65.2	65.7	65.7	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	59.4	65.6	66.1	66.1	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 5000	62.7	69.7	70.2	70.2	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4500	64.9	71.9	72.4	72.4	73.0	73.0	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	68.3	76.5	77.1	77.1	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3500	70.3	79.0	79.6	79.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	73.8	83.2	83.9	84.0	85.3	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	76.1	86.3	87.1	87.5	88.7	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	76.9	87.4	88.2	88.7	90.6	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	77.0	87.5	88.4	88.9	91.1	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	77.0	87.5	88.6	89.2	91.5	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	77.4	87.9	89.0	89.7	92.2	92.5	92.9	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	77.5	88.0	89.4	90.1	92.6	92.8	93.4	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	77.5	88.0	89.4	90.1	92.7	92.9	93.8	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	77.5	88.1	89.5	90.2	93.3	93.6	94.6	94.8	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	77.5	88.1	89.5	90.2	93.3	93.6	94.6	94.8	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	77.5	88.1	89.5	90.2	93.6	93.9	95.5	95.8	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	77.6	88.6	90.0	90.7	94.2	94.6	96.8	97.3	97.6	98.3	98.3	98.4	98.5	98.5	98.5	98.5
≥ 400	77.6	88.7	90.1	91.1	94.7	95.0	97.5	98.1	98.5	99.4	99.4	99.5	99.6	99.6	99.6	99.6
≥ 300	77.6	88.7	90.1	91.1	94.7	95.0	97.5	98.3	98.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0
≥ 200	77.6	88.7	90.1	91.1	94.7	95.0	97.5	98.3	98.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0
≥ 100	77.6	88.7	90.1	91.1	94.7	95.0	97.5	98.3	98.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0
≥ 0	77.6	88.7	90.1	91.1	94.7	95.0	97.5	98.3	98.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 808

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 5160 HAHN AB DL — STATION NAME — YEAR: 73-81 — MONTH: JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS: 2100-2300

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	35.2	39.3	39.6	39.8	40.4	40.5	40.7	40.7	40.7	40.9	40.9	40.9	40.9	41.0	41.0	41.0
≥20000	43.1	48.1	48.8	48.9	49.8	49.9	50.7	50.7	50.7	50.9	50.9	50.9	50.9	51.0	51.0	51.0
≥18000	43.2	48.3	48.9	49.0	49.9	50.0	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.1
≥16000	43.2	48.3	48.9	49.0	49.9	50.0	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.1
≥14000	44.8	49.9	50.5	50.6	51.5	51.6	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.7	52.7	52.7
≥12000	45.4	50.7	51.4	51.5	52.3	52.5	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.6	53.6	53.6
≥10000	48.3	54.4	55.3	55.4	56.3	56.4	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5
≥9000	49.3	55.9	56.8	56.9	58.1	58.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.5	59.5	59.5
≥8000	52.8	60.1	61.0	61.1	62.5	62.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8
≥7000	54.0	61.7	62.7	62.8	64.2	64.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.6	65.6	65.6
≥6000	54.3	62.2	63.2	63.3	64.7	64.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0
≥5000	56.3	64.3	65.3	65.4	66.8	66.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1
≥4500	56.7	65.4	66.4	66.5	68.0	68.1	69.[illegible]	69.1	69.1	69.3	69.3	69.3	69.3	69.4	69.4	69.4
≥4000	61.9	71.5	73.0	73.1	75.1	75.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4
≥3500	64.3	74.7	76.2	76.5	78.6	78.8	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.4	80.4	80.4
≥3000	66.4	77.4	79.6	80.2	82.6	82.7	84.1	84.1	84.1	84.2	84.2	84.2	84.4	84.6	84.6	84.6
≥2500	67.0	78.6	81.0	81.9	84.6	84.7	86.0	86.0	86.0	86.2	86.2	86.2	86.4	86.5	86.5	86.5
≥2000	68.3	80.0	82.3	83.2	86.4	86.5	88.4	88.4	88.4	88.5	88.5	88.5	88.8	88.9	88.9	88.9
≥1800	68.0	80.0	82.3	83.3	86.5	86.7	88.5	88.5	88.5	88.6	88.6	88.6	88.9	89.0	89.0	89.0
≥1500	68.6	80.6	83.2	84.4	87.9	88.0	90.0	90.0	90.0	90.1	90.1	90.1	90.4	90.5	90.5	90.5
≥1200	68.9	80.9	83.8	85.1	88.6	88.9	91.2	91.2	91.2	91.4	91.4	91.4	91.6	91.7	91.7	91.7
≥1000	69.3	81.2	84.3	85.6	89.6	89.9	92.5	92.5	92.7	92.8	92.8	92.8	93.1	93.2	93.2	93.2
≥900	69.3	81.2	84.3	85.6	89.6	89.9	92.5	92.5	92.7	92.8	92.8	92.8	93.1	93.2	93.2	93.2
≥800	69.4	81.4	84.4	85.7	89.8	90.0	92.7	92.8	93.1	93.2	93.2	93.2	93.5	93.6	93.6	93.6
≥700	69.5	81.5	84.8	86.2	90.2	90.5	93.2	93.3	93.6	94.0	94.0	94.0	94.2	94.3	94.3	94.3
≥600	69.5	81.5	84.8	86.2	90.2	90.5	93.2	93.3	93.6	94.0	94.0	94.0	94.2	94.3	94.3	94.3
≥500	70.1	82.1	85.6	87.0	91.5	91.7	94.6	94.9	95.3	95.7	95.7	96.0	96.4	96.5	96.5	96.5
≥400	70.1	82.1	85.6	87.0	92.0	92.2	95.1	95.6	96.4	97.2	97.3	97.7	98.0	98.1	98.1	98.1
≥300	70.1	82.1	85.6	87.0	92.0	92.2	95.1	95.6	96.4	97.5	97.7	98.0	98.6	99.1	99.1	99.1
≥200	70.1	82.2	85.7	87.3	92.2	92.5	95.3	95.8	96.7	97.8	98.1	98.5	99.5	100.0	100.0	100.0
≥100	70.1	82.2	85.7	87.3	92.2	92.5	95.3	95.8	96.7	97.8	98.1	98.5	99.5	100.0	100.0	100.0
≥0	70.1	82.2	85.7	87.3	92.2	92.5	95.3	95.8	96.7	97.8	98.1	98.5	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	31.7	35.6	36.2	36.5	37.2	37.3	37.7	37.9	37.9	38.1	38.1	38.1	38.1	38.2	38.2	38.2
≥ 20000	37.6	42.3	43.1	43.4	44.2	44.3	44.8	45.0	45.0	45.2	45.2	45.2	45.2	45.3	45.3	45.3
≥ 18000	37.9	42.8	43.5	43.8	44.6	44.7	45.3	45.5	45.5	45.7	45.7	45.7	45.7	45.8	45.8	45.8
≥ 16000	37.9	42.8	43.6	43.9	44.7	44.8	45.3	45.5	45.5	45.7	45.7	45.7	45.7	45.8	45.9	45.9
≥ 14000	38.4	43.3	44.1	44.5	45.2	45.3	45.9	46.1	46.1	46.3	46.3	46.3	46.4	46.4	46.5	46.5
≥ 12000	39.7	44.8	45.6	46.0	46.8	46.9	47.5	47.7	47.7	47.9	47.9	47.9	47.9	48.0	48.0	48.0
≥ 10000	41.8	47.3	48.2	48.5	49.4	49.5	50.1	50.2	50.3	50.5	50.5	50.5	50.5	50.6	50.6	50.7
≥ 9000	42.7	48.4	49.3	49.6	50.5	50.6	51.3	51.4	51.5	51.7	51.7	51.7	51.7	51.8	51.8	51.8
≥ 8000	45.7	51.9	53.0	53.4	54.5	54.6	55.3	55.5	55.5	55.8	55.8	55.8	55.8	55.9	55.9	55.9
≥ 7000	47.0	53.4	54.6	54.9	56.1	56.2	56.9	57.1	57.1	57.4	57.4	57.4	57.4	57.5	57.5	57.6
≥ 6000	47.3	53.8	55.0	55.3	56.5	56.6	57.3	57.5	57.6	57.8	57.8	57.8	57.9	57.9	58.0	58.0
≥ 5000	49.3	56.3	57.5	57.9	59.3	59.4	60.1	60.3	60.4	60.6	60.6	60.6	60.6	60.7	60.8	60.8
≥ 4500	50.8	58.0	59.4	59.8	61.2	61.3	62.0	62.2	62.3	62.5	62.5	62.5	62.6	62.6	62.7	62.7
≥ 4000	55.0	63.1	64.7	65.2	66.9	67.0	67.9	68.2	68.2	68.5	68.5	68.5	68.6	68.7	68.7	68.7
≥ 3500	57.6	66.3	68.0	68.6	70.4	70.6	71.5	71.8	71.9	72.1	72.2	72.2	72.2	72.3	72.3	72.4
≥ 3000	60.7	70.1	72.1	72.8	74.8	75.0	76.0	76.2	76.3	76.7	76.7	76.7	76.8	76.9	77.0	77.0
≥ 2500	62.9	73.0	75.0	75.9	78.1	78.3	79.3	79.6	79.7	80.1	80.1	80.1	80.2	80.3	80.4	80.4
≥ 2000	64.8	75.6	77.8	78.9	81.4	81.7	82.9	83.2	83.3	83.7	83.7	83.8	83.8	83.9	84.0	84.0
≥ 1800	65.2	76.1	78.3	79.4	82.1	82.4	83.6	83.9	84.0	84.4	84.5	84.5	84.6	84.7	84.7	84.7
≥ 1500	66.3	77.5	80.0	81.2	84.1	84.4	85.8	86.1	86.2	86.6	86.7	86.7	86.8	86.9	86.9	86.9
≥ 1200	67.0	78.5	81.1	82.5	85.7	86.0	87.6	88.0	88.1	88.5	88.6	88.6	88.7	88.8	88.9	88.9
≥ 1000	67.5	79.1	82.0	83.5	87.1	87.4	89.2	89.6	89.8	90.3	90.4	90.4	90.5	90.6	90.6	90.7
≥ 900	67.6	79.3	82.1	83.6	87.2	87.6	89.4	89.9	90.0	90.5	90.6	90.6	90.7	90.9	90.9	90.9
≥ 800	67.8	79.6	82.5	84.1	87.9	88.2	90.2	90.7	90.9	91.5	91.6	91.6	91.7	91.8	91.8	91.9
≥ 700	67.9	79.7	82.7	84.3	88.3	88.7	90.7	91.3	91.5	92.1	92.2	92.2	92.3	92.4	92.5	92.5
≥ 600	67.9	79.9	83.0	84.8	89.0	89.4	91.7	92.4	92.7	93.3	93.4	93.4	93.5	93.7	93.7	93.7
≥ 500	68.2	80.2	83.5	85.3	89.9	90.3	93.0	93.9	94.2	94.9	95.0	95.1	95.2	95.4	95.4	95.4
≥ 400	68.2	80.3	83.6	85.5	90.3	90.7	93.6	94.6	95.0	96.0	96.1	96.3	96.4	96.6	96.6	96.7
≥ 300	68.3	80.4	83.7	85.7	90.5	91.0	94.0	95.0	95.6	97.0	97.2	97.5	97.8	98.3	98.4	98.5
≥ 200	68.3	80.4	83.7	85.7	90.5	91.0	94.1	95.3	96.0	97.4	97.8	98.1	98.5	99.2	99.4	99.5
≥ 100	68.3	80.4	83.7	85.7	90.5	91.0	94.1	95.3	96.0	97.5	97.9	98.2	98.7	99.5	99.8	100.0
≥ 0	68.3	80.4	83.8	85.7	90.6	91.1	94.2	95.3	96.0	97.6	97.9	98.2	98.7	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6470

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (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	37.5	44.6	46.2	46.9	48.0	48.0	48.5	48.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	49.0
≥ 20000	41.6	49.3	51.3	52.0	53.1	53.1	53.5	53.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 18000	41.6	49.3	51.3	52.0	53.1	53.1	53.5	53.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 16000	41.6	49.3	51.3	52.0	53.1	53.1	53.5	53.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 14000	41.6	49.5	51.4	52.1	53.2	53.2	53.7	53.7	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.1
≥ 12000	41.9	50.1	52.0	52.7	53.8	53.8	54.3	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥ 10000	44.2	52.6	54.5	55.2	56.5	56.5	57.0	57.0	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.5
≥ 9000	44.9	53.7	55.6	56.3	57.6	57.6	58.1	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.6
≥ 8000	48.3	58.2	60.4	61.1	62.8	62.8	63.4	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.1
≥ 7000	50.5	60.6	62.8	63.5	65.3	65.3	65.9	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 6000	51.0	61.1	63.5	64.2	66.0	66.0	66.6	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.3
≥ 5000	53.2	63.4	66.0	66.8	68.6	68.6	69.2	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 4500	54.5	64.8	67.4	68.3	70.1	70.1	70.7	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 4000	59.2	71.3	74.3	75.3	77.8	77.8	78.8	79.3	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 3500	60.5	72.9	76.2	77.5	80.0	80.0	81.0	81.4	81.6	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 3000	61.3	73.9	77.1	78.6	81.4	81.4	82.4	82.9	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 2500	61.7	74.4	77.7	79.2	82.2	82.2	83.1	83.6	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 2000	62.4	75.4	78.8	80.4	83.5	83.5	84.4	84.9	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 1800	62.9	75.9	79.3	80.8	84.0	84.0	84.9	85.4	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 1500	63.6	76.8	80.1	81.7	84.8	84.8	85.7	86.2	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 1200	64.4	77.6	81.1	82.6	86.1	86.1	87.2	87.7	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 1000	64.8	78.3	82.2	83.8	87.3	87.3	88.4	88.9	89.5	89.8	89.9	89.9	89.9	90.1	90.1	90.2
≥ 900	64.8	78.3	82.2	84.1	87.5	87.5	88.6	89.1	89.7	90.1	90.2	90.2	90.2	90.3	90.3	90.4
≥ 800	65.0	78.8	82.6	84.7	88.1	88.1	89.5	89.9	90.5	90.9	91.0	91.0	91.0	91.4	91.4	91.5
≥ 700	65.5	79.3	83.1	85.1	88.9	89.0	90.4	90.9	91.6	92.0	92.1	92.1	92.1	92.5	92.5	92.6
≥ 600	65.6	79.4	83.5	85.5	89.3	89.5	91.0	91.5	92.2	92.6	92.7	92.7	92.7	93.1	93.1	93.2
≥ 500	65.7	79.6	83.8	86.0	90.3	90.5	92.3	93.2	93.9	94.4	94.5	94.5	94.5	94.9	94.9	95.0
≥ 400	65.7	79.8	84.0	86.5	91.3	91.5	93.5	94.4	95.1	95.6	95.7	95.7	95.7	96.0	96.0	96.2
≥ 300	65.7	79.9	84.2	86.9	92.5	92.7	95.0	96.0	96.8	97.7	97.8	97.8	97.8	98.2	98.2	98.3
≥ 200	65.9	80.1	84.8	87.7	93.2	93.4	95.7	97.0	97.7	98.8	99.0	99.0	99.0	99.8	99.8	99.9
≥ 100	65.9	80.1	84.8	87.7	93.3	93.5	95.8	97.1	97.8	98.9	99.2	99.2	99.2	99.9	99.9	100.0
≥ 0	65.9	80.1	84.8	87.7	93.3	93.5	95.8	97.1	97.8	98.9	99.2	99.2	99.2	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 835

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	28.0	34.4	36.3	37.2	39.5	39.7	41.2	41.8	41.9	42.5	42.7	42.8	42.9	42.9	43.0	43.0
≥ 20000	30.5	37.8	39.8	40.7	43.4	43.5	45.2	45.8	45.9	46.5	46.6	46.7	46.8	46.8	47.0	47.0
≥ 18000	30.6	38.0	40.0	41.0	43.6	43.7	45.4	46.0	46.1	46.7	46.8	47.0	47.1	47.1	47.2	47.2
≥ 16000	30.6	38.0	40.0	41.0	43.6	43.7	45.4	46.0	46.1	46.7	46.8	47.0	47.1	47.1	47.2	47.2
≥ 14000	30.8	38.2	40.3	41.2	43.8	44.0	45.6	46.2	46.4	47.0	47.1	47.2	47.3	47.3	47.4	47.4
≥ 12000	31.2	38.6	40.6	41.6	44.2	44.3	46.0	46.6	46.7	47.3	47.4	47.6	47.7	47.7	47.8	47.8
≥ 10000	32.7	40.4	42.4	43.4	46.2	46.4	48.1	48.7	48.9	49.6	49.7	49.8	49.9	49.9	50.1	50.1
≥ 9000	33.3	41.1	43.1	44.1	47.0	47.1	48.9	49.5	49.6	50.3	50.5	50.7	50.8	50.8	50.9	50.9
≥ 8000	35.5	44.1	46.4	47.4	50.4	50.5	52.3	53.2	53.3	54.1	54.4	54.5	54.6	54.6	54.7	54.7
≥ 7000	37.4	46.1	48.4	49.5	52.6	52.7	54.5	55.3	55.4	56.3	56.5	56.6	56.8	56.8	56.9	56.9
≥ 6000	38.2	47.1	49.5	50.5	53.8	53.9	55.8	56.6	56.8	57.6	57.8	57.9	58.1	58.1	58.2	58.2
≥ 5000	40.0	49.1	51.7	52.8	56.0	56.2	58.1	58.9	59.0	59.9	60.1	60.2	60.3	60.3	60.5	60.5
≥ 4500	40.6	49.8	52.4	53.5	56.8	56.9	58.8	59.6	59.7	60.6	60.8	60.9	61.1	61.1	61.2	61.2
≥ 4000	46.1	57.3	60.3	61.9	66.1	66.3	68.7	69.7	69.8	70.6	70.8	71.0	71.1	71.2	71.3	71.3
≥ 3500	47.2	58.8	62.1	63.8	68.7	68.9	71.3	72.3	72.4	73.2	73.5	73.6	73.7	73.8	74.0	74.0
≥ 3000	48.6	60.6	64.4	66.1	71.2	71.4	73.8	74.8	75.1	76.0	76.2	76.3	76.5	76.6	76.7	76.7
≥ 2500	49.2	61.4	65.2	66.9	72.2	72.4	74.9	75.9	76.2	77.1	77.3	77.4	77.5	77.7	77.8	77.8
≥ 2000	50.4	62.7	66.5	68.2	73.6	73.8	76.5	77.4	77.8	78.7	79.0	79.1	79.2	79.3	79.5	79.5
≥ 1800	50.5	62.8	66.7	68.3	73.7	74.0	76.6	77.5	77.9	78.9	79.1	79.2	79.3	79.5	79.6	79.6
≥ 1500	50.9	63.4	67.5	69.3	74.9	75.1	77.8	78.7	79.1	80.0	80.3	80.4	80.5	80.6	80.8	80.8
≥ 1200	52.0	64.9	69.2	71.0	76.9	77.2	79.8	80.8	81.1	82.1	82.3	82.4	82.6	82.7	82.8	82.8
≥ 1000	53.0	66.2	70.6	72.5	78.6	78.9	81.7	82.7	83.0	84.0	84.2	84.3	84.5	84.6	84.7	84.7
≥ 900	53.2	66.3	70.7	72.8	79.0	79.2	82.1	83.0	83.4	84.3	84.6	84.7	84.8	84.9	85.1	85.1
≥ 800	53.8	67.1	71.6	73.6	79.8	80.0	83.0	84.0	84.3	85.4	85.7	85.8	86.0	86.3	86.4	86.4
≥ 700	53.9	67.4	71.8	74.2	80.4	80.6	84.2	85.3	85.7	86.9	87.3	87.5	87.7	87.9	88.1	88.1
≥ 600	54.4	68.0	72.4	75.0	81.6	81.8	85.8	86.9	87.5	88.8	89.2	89.4	89.6	89.8	90.0	90.0
≥ 500	54.4	68.1	72.5	75.5	83.0	83.8	87.7	89.1	89.8	91.4	91.9	92.0	92.4	92.6	92.7	92.7
≥ 400	54.5	68.6	73.0	76.5	84.6	85.3	89.6	91.6	92.4	94.0	94.6	94.7	95.3	95.6	95.7	95.7
≥ 300	54.5	68.7	73.4	76.9	85.3	86.0	90.8	93.0	93.7	95.8	96.5	96.7	97.3	97.7	97.8	97.8
≥ 200	54.5	68.7	73.4	76.9	86.1	86.9	91.6	93.9	94.7	97.0	97.8	98.1	98.7	99.3	99.4	99.4
≥ 100	54.5	68.7	73.4	76.9	86.1	86.9	91.6	93.9	94.7	97.0	97.8	98.2	98.8	99.6	100.0	100.0
≥ 0	54.5	68.7	73.4	76.9	86.1	86.9	91.6	93.9	94.7	97.0	97.8	98.2	98.8	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¾	≥1½	≥1¼	≥1	≥ 7/8	≥5/16	≥¼	≥0
NO CEILING	20.8	25.7	27.3	27.9	31.3	32.2	33.3	33.9	34.2	34.6	34.6	34.7	34.8	35.0	35.0	35.0
≥ 20000	24.0	29.4	31.2	32.2	35.8	36.6	37.9	38.5	38.9	39.2	39.2	39.4	39.5	39.7	39.7	39.7
≥ 18000	24.0	29.4	31.3	32.3	35.9	36.7	38.0	38.6	39.0	39.4	39.4	39.5	39.6	39.8	39.8	39.8
≥ 16000	24.0	29.4	31.3	32.3	35.9	36.7	38.0	38.6	39.0	39.4	39.4	39.5	39.6	39.8	39.8	39.8
≥ 14000	24.8	30.1	32.1	33.0	36.6	37.4	38.8	39.4	39.7	40.1	40.1	40.2	40.3	40.6	40.6	40.6
≥ 12000	25.2	30.7	32.8	33.9	37.6	38.5	40.0	40.6	40.9	41.3	41.3	41.4	41.5	41.7	41.7	41.7
≥ 10000	26.4	32.3	34.4	35.6	39.4	40.3	41.9	42.5	42.8	43.2	43.2	43.3	43.4	43.7	43.7	43.7
≥ 9000	27.8	33.7	36.1	37.3	41.1	42.1	43.7	44.3	44.6	45.0	45.0	45.1	45.2	45.5	45.5	45.5
≥ 8000	31.3	38.0	41.0	42.5	46.4	47.4	49.0	49.6	50.0	50.4	50.4	50.5	50.6	50.8	50.8	50.8
≥ 7000	32.3	39.0	42.0	43.4	47.4	48.3	50.1	50.7	51.1	51.4	51.4	51.6	51.7	51.9	51.9	51.9
≥ 6000	32.8	39.6	42.6	44.0	48.0	48.9	50.8	51.4	51.8	52.2	52.2	52.3	52.4	52.6	52.6	52.6
≥ 5000	34.2	41.3	44.3	45.7	49.8	50.7	52.8	53.3	53.7	54.2	54.2	54.3	54.4	54.7	54.7	54.7
≥ 4500	35.4	42.9	45.9	47.4	5 .6	52.5	54.5	55.1	55.5	56.0	56.0	56.1	56.2	56.5	56.5	56.5
≥ 4000	38.3	46.2	49.6	51.7	56.8	58.0	60.3	60.9	61.2	62.0	62.2	62.3	62.4	62.8	62.8	62.8
≥ 3500	39.5	47.8	51.3	53.6	58.9	60.0	62.4	63.0	63.4	64.2	64.5	64.6	64.7	65.1	65.1	65.1
≥ 3000	40.1	48.7	52.3	54.7	60.2	61.5	63.9	64.5	64.8	65.9	66.3	66.4	66.5	66.9	66.9	66.9
≥ 2500	41.5	50.2	53.9	56.3	61.8	63.2	65.6	66.1	66.5	67.6	67.9	68.1	68.2	68.5	68.5	68.5
≥ 2000	42.7	51.6	55.4	58.1	63.8	65.1	67.5	68.1	68.4	69.9	70.2	70.3	70.5	70.8	70.8	70.8
≥ 1800	42.9	51.8	55.6	58.4	64.0	65.3	67.7	68.3	68.7	70.1	70.5	70.6	70.7	71.1	71.1	71.1
≥ 1500	44.5	53.7	57.8	60.9	67.0	68.3	70.7	71.3	71.8	73.2	73.6	73.7	73.8	74.2	74.2	74.2
≥ 1200	46.1	55.9	60.4	63.9	70.3	71.7	74.0	74.6	75.1	76.6	76.9	77.0	77.2	77.5	77.5	77.5
≥ 1000	46.3	56.5	61.2	64.7	71.4	72.7	75.1	75.8	76.4	77.9	78.2	78.3	78.5	78.8	78.8	78.8
≥ 900	46.5	56.9	61.7	65.2	71.9	73.2	75.7	76.4	77.2	78.6	78.9	79.1	79.2	79.5	79.5	79.5
≥ 800	47.4	58.6	64.0	67.6	74.8	76.1	78.7	79.4	80.1	81.6	81.9	82.1	82.2	82.5	82.5	82.5
≥ 700	47.8	59.3	64.7	68.4	75.8	77.2	79.8	81.0	81.7	83.5	83.9	84.0	84.1	84.4	84.4	84.4
≥ 600	48.1	60.0	65.7	69.5	77.5	78.9	81.7	83.0	83.7	86.0	86.4	86.5	86.6	87.0	87.0	87.0
≥ 500	48.3	60.5	66.1	70.5	79.1	80.5	83.9	85.4	86.1	88.5	88.9	89.0	89.1	89.5	89.5	89.5
≥ 400	48.4	60.6	66.3	70.7	80.0	81.7	85.5	87.4	88.3	90.9	91.4	91.5	91.9	92.2	92.2	92.2
≥ 300	48.6	60.8	66.5	70.9	80.4	82.1	86.1	89.0	90.1	93.2	93.8	93.9	94.5	95.2	95.2	95.3
≥ 200	48.6	60.8	66.5	70.9	80.6	82.3	86.6	90.1	91.5	95.1	95.8	96.1	96.8	97.8	98.0	98.1
≥ 100	48.6	60.8	66.5	70.9	80.6	82.3	86.6	90.2	91.7	95.6	96.3	96.9	97.7	99.2	99.4	99.6
≥ 0	48.6	60.8	66.5	70.9	80.6	82.3	86.6	90.2	91.7	95.6	96.3	96.9	97.7	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 616G (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	23.4	28.7	29.4	30.7	32.0	32.0	32.1	32.1	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 20000	27.4	33.2	34.1	35.4	36.8	36.8	36.9	36.9	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 18000	27.7	33.7	34.5	35.8	37.3	37.3	37.4	37.4	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 16000	27.7	33.7	34.5	35.8	37.3	37.3	37.4	37.4	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 14000	27.8	34.1	35.0	36.3	37.8	37.8	37.9	37.9	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 12000	30.0	36.2	37.2	38.5	39.9	39.9	40.0	40.0	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 10000	31.2	37.6	38.6	39.9	41.6	41.6	41.8	41.8	41.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 9000	32.1	38.9	39.9	41.2	42.9	42.9	43.1	43.1	43.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 8000	36.9	44.4	45.4	46.7	48.7	48.7	49.0	49.1	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 7000	37.9	45.6	46.6	47.9	49.9	49.9	50.2	50.3	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 6000	38.0	45.8	46.7	48.0	50.2	50.2	50.4	50.5	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 5000	38.9	46.8	47.8	49.1	51.3	51.5	51.9	52.0	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 4500	40.5	48.4	49.3	50.7	52.8	53.0	53.4	53.5	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4000	43.7	52.3	53.5	55.0	57.6	57.8	58.3	58.4	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3500	45.6	54.4	55.8	57.5	60.2	60.5	60.9	61.1	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 3000	47.9	57.1	58.7	60.5	63.3	63.6	64.0	64.3	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 2500	50.3	59.7	61.5	63.3	66.4	66.7	67.1	67.4	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 2000	54.0	64.0	65.8	67.6	71.0	71.2	71.7	71.9	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 1800	54.5	64.5	66.3	68.1	71.6	71.8	72.3	72.5	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 1500	57.6	68.1	70.0	71.9	76.2	76.5	77.2	77.5	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	58.7	69.7	72.2	74.4	78.9	79.1	80.2	80.6	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1000	59.9	71.2	73.8	76.3	81.0	81.2	82.4	82.9	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 900	60.2	71.6	74.2	76.8	81.5	81.7	82.9	83.4	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 800	60.8	72.4	75.7	78.7	84.2	84.6	86.1	86.6	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 700	61.5	73.1	76.6	79.8	85.5	86.0	88.2	88.6	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 600	62.0	73.6	77.2	80.5	86.5	87.0	89.5	90.0	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 500	62.0	73.7	77.3	80.8	87.3	87.8	90.6	91.2	91.8	92.5	92.5	92.6	92.6	92.6	92.6	92.6
≥ 400	62.4	74.2	78.0	81.8	89.1	89.6	93.0	93.9	94.6	95.3	95.3	95.5	95.5	95.5	95.5	95.5
≥ 300	62.4	74.2	78.0	82.0	89.4	89.8	93.7	95.0	95.9	97.5	97.6	97.7	97.7	97.7	97.7	97.7
≥ 200	62.4	74.2	78.0	82.0	89.5	90.0	94.0	95.6	96.9	98.7	98.9	99.2	99.2	99.3	99.3	99.3
≥ 100	62.4	74.2	78.0	82.0	89.5	90.0	94.0	95.6	96.9	98.9	99.2	99.4	99.5	99.9	99.9	99.9
≥ 0	62.4	74.2	78.0	82.0	89.5	90.0	94.0	95.6	96.9	98.9	99.2	99.4	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

I 6163 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	22.7	26.5	27.5	27.7	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 20000	27.8	32.3	33.2	33.7	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 18000	28.2	32.6	33.6	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 16000	28.2	32.6	33.6	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 14000	28.3	32.7	33.7	34.2	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 12000	30.1	34.6	35.6	36.1	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 10000	32.6	37.3	38.2	38.7	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 9000	33.5	38.6	39.5	40.0	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 8000	37.6	43.5	44.4	44.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 7000	38.9	44.8	45.8	46.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 6000	39.1	44.9	45.9	46.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 5000	41.2	47.6	48.6	49.2	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 4500	44.1	50.5	51.6	52.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 4000	50.7	57.9	59.0	59.6	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 3500	54.8	62.5	63.6	64.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3000	62.0	70.5	72.0	72.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2500	65.7	74.8	76.5	77.3	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2000	68.0	77.5	79.7	80.5	83.0	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800	68.9	78.9	81.2	82.1	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500	71.0	81.7	84.1	85.3	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	73.1	84.1	86.6	88.1	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	73.8	84.8	87.3	89.1	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 900	73.8	84.8	87.3	89.2	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	74.6	85.7	88.3	90.6	94.5	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	74.6	85.7	88.3	90.8	95.0	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	74.8	86.0	88.8	91.4	95.7	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	74.9	86.3	89.0	91.8	96.5	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	74.9	86.4	89.5	92.2	97.4	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	74.9	86.4	89.5	92.4	97.8	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	74.9	86.4	89.5	92.4	98.0	98.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	74.9	86.4	89.5	92.4	98.0	98.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	100.0
≥ 0	74.9	86.4	89.5	92.4	98.0	98.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	26.4	29.6	30.2	30.7	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 20000	30.6	34.4	35.0	35.6	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 18000	31.1	34.9	35.5	36.1	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 16000	31.3	35.1	35.7	36.3	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 14000	31.4	35.2	35.8	36.4	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 12000	33.0	36.9	37.5	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 10000	34.5	39.1	39.7	40.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 9000	36.1	40.9	41.5	42.1	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 8000	42.5	47.8	48.7	49.6	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 7000	44.0	49.5	50.4	51.3	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 6000	44.8	50.4	51.4	52.2	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 5000	49.0	55.2	56.3	57.1	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4500	53.2	59.5	60.6	61.4	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 4000	62.8	69.8	71.1	71.9	73.2	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	68.1	75.6	77.2	78.0	79.3	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	70.6	78.3	79.9	80.8	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	74.3	82.8	84.8	85.7	87.0	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	76.9	85.8	88.1	88.9	90.2	90.2	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	77.4	86.4	88.8	89.6	90.9	90.9	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	78.1	87.7	90.3	91.4	92.8	92.8	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	78.9	88.8	91.9	93.1	94.6	94.6	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	79.2	89.1	92.2	93.5	95.3	95.3	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	79.3	89.2	92.4	93.7	95.5	95.5	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	79.5	89.4	92.6	93.9	95.8	95.8	96.3	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	79.6	89.5	92.7	94.1	96.1	96.1	96.7	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	79.6	89.5	92.7	94.3	96.4	96.4	97.0	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	79.7	89.8	93.2	95.0	97.3	97.3	97.8	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	79.7	90.0	93.3	95.1	97.4	97.4	98.3	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	79.7	90.0	93.3	95.1	97.7	97.7	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	79.7	90.0	93.3	95.1	97.7	97.7	98.9	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	79.7	90.0	93.3	95.1	97.7	97.7	98.9	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	79.7	90.0	93.3	95.1	97.7	97.7	98.9	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB OL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS L.S.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEIL	31.3	34.3	34.5	34.6	35.2	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000	38.0	41.7	42.4	42.8	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 18000	38.4	42.2	42.9	43.2	43.8	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 16000	38.6	42.4	43.1	43.5	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 14000	38.8	42.7	43.4	43.7	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 12000	39.9	43.8	44.6	44.9	45.5	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 10000	42.5	46.7	47.4	47.8	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 9000	44.9	49.1	50.1	50.5	51.1	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 8000	51.4	56.0	57.0	57.5	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	54.0	59.0	60.0	60.5	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000	55.3	60.3	61.3	61.8	62.6	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 5000	60.0	65.1	66.1	66.8	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4500	62.5	68.1	69.1	69.8	70.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	70.3	76.7	78.3	79.0	80.0	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	73.6	80.6	82.3	83.0	84.2	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	75.9	83.0	84.8	85.5	87.0	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	77.2	84.9	86.7	87.6	89.4	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	78.4	86.6	88.8	89.6	91.5	91.5	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	78.5	86.9	89.0	89.8	91.8	91.8	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	79.2	87.9	90.1	91.2	93.3	93.3	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	79.8	88.5	90.7	91.8	94.0	94.0	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	80.0	88.8	91.2	92.5	95.3	95.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	80.2	88.9	91.3	92.6	95.5	95.6	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	80.4	89.1	91.5	92.8	95.7	95.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	80.5	89.4	91.8	93.1	95.9	96.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	80.5	89.4	91.8	93.1	95.9	96.1	97.5	97.6	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	80.5	89.4	91.8	93.1	96.5	96.7	98.1	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	80.5	89.4	91.8	93.1	97.1	97.3	98.7	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	80.5	89.4	91.8	93.1	97.4	97.5	99.2	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	80.5	89.4	91.8	93.1	97.4	97.5	99.2	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	80.5	89.4	91.8	93.1	97.4	97.5	99.2	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	80.5	89.4	91.8	93.1	97.4	97.5	99.2	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6167 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	35.8	40.3	40.5	40.5	41.0	41.2	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	40.5	45.6	46.2	46.2	46.8	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000	40.6	45.8	46.4	46.4	47.0	47.2	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 16000	40.6	45.8	46.4	46.4	47.0	47.2	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 14000	40.7	45.9	46.5	46.5	47.1	47.3	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 12000	41.7	47.0	47.6	47.6	48.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	43.8	49.5	50.1	50.1	50.7	50.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 9000	45.8	52.1	52.9	52.9	53.5	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 8000	50.5	57.9	59.1	59.1	60.1	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 7000	52.6	60.0	61.3	61.3	62.2	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	53.0	60.5	61.8	61.9	62.8	63.1	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	57.3	64.9	66.4	66.5	67.6	67.9	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4500	59.3	66.9	68.5	68.7	70.0	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	65.2	73.8	76.3	76.6	78.6	78.9	79.8	79.9	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	66.3	75.5	78.1	78.4	80.4	80.6	81.6	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	68.5	78.5	81.6	82.3	84.3	84.6	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	69.3	79.3	82.7	83.5	85.7	85.9	87.0	87.1	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5
≥ 2000	70.1	80.3	83.8	84.7	87.0	87.2	88.6	89.1	89.2	89.4	89.4	89.6	89.6	89.6	89.6	89.6
≥ 1800	70.1	80.3	83.8	84.7	87.2	87.5	89.0	89.5	89.6	89.7	89.7	90.0	90.0	90.0	90.0	90.0
≥ 1500	70.4	80.5	84.0	85.1	87.8	88.1	89.7	90.2	90.3	90.4	90.4	90.7	90.7	90.7	90.7	90.7
≥ 1200	71.8	82.1	85.5	86.6	89.5	89.7	91.6	92.1	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.7
≥ 1000	72.4	82.8	86.4	87.6	9[illegible].6	90.8	92.8	93.3	93.4	93.7	93.7	93.9	93.9	93.9	93.9	93.9
≥ 900	72.4	82.8	86.4	87.6	90.7	90.9	93.0	93.4	93.5	93.8	93.8	94.0	94.0	94.0	94.0	94.0
≥ 800	72.5	82.9	86.5	87.8	90.9	91.2	93.2	93.7	93.8	94.0	94.0	94.3	94.3	94.3	94.3	94.3
≥ 700	72.9	83.3	86.9	88.2	91.4	91.6	93.7	94.1	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7
≥ 600	72.9	83.3	87.0	88.3	91.8	92.0	94.4	94.9	95.0	95.2	95.2	95.5	95.5	95.5	95.5	95.5
≥ 500	72.9	83.3	87.0	88.5	92.8	93.1	95.8	96.3	96.4	96.9	96.9	97.1	97.3	97.3	97.3	97.3
≥ 400	72.9	83.6	87.3	88.9	93.2	93.4	96.2	96.9	97.0	97.6	97.6	97.8	98.0	98.0	98.0	98.0
≥ 300	72.9	83.6	87.3	88.9	93.4	93.7	97.0	97.7	97.8	98.6	98.6	98.8	98.9	98.9	98.9	98.9
≥ 200	72.9	83.6	87.6	89.1	93.8	94.0	97.4	98.2	98.3	99.0	99.3	99.5	99.6	100.0	100.0	100.0
≥ 100	72.9	83.6	87.6	89.1	93.8	94.0	97.4	98.2	98.3	99.0	99.3	99.5	99.6	100.0	100.0	100.0
≥ 0	72.9	83.6	87.6	89.1	93.8	94.0	97.4	98.2	98.3	99.0	99.3	99.5	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	28.2	33.0	34.0	34.5	35.8	36.0	36.5	36.7	36.7	36.9	36.9	37.0	37.0	37.0	37.0	37.1
≥ 20000	32.5	38.0	39.1	39.8	41.2	41.3	41.9	42.1	42.1	42.3	42.4	42.4	42.4	42.4	42.5	42.5
≥ 18000	32.8	38.2	39.4	40.1	41.5	41.6	42.2	42.3	42.4	42.6	42.6	42.7	42.7	42.7	42.7	42.8
≥ 16000	32.8	38.3	39.5	40.2	41.5	41.7	42.3	42.4	42.5	42.7	42.7	42.7	42.8	42.8	42.8	42.8
≥ 14000	33.0	38.5	39.8	40.4	41.8	42.0	42.5	42.7	42.7	43.0	43.0	43.0	43.0	43.1	43.1	43.1
≥ 12000	34.1	39.7	41.0	41.7	43.0	43.2	43.8	43.9	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.4
≥ 10000	36.0	41.9	43.2	43.9	45.3	45.5	46.1	46.3	46.4	46.6	46.6	46.6	46.7	46.7	46.7	46.7
≥ 9000	37.3	43.5	44.8	45.6	47.0	47.2	47.8	48.0	48.1	48.3	48.3	48.3	48.4	48.4	48.4	48.4
≥ 8000	41.8	48.8	50.3	51.1	52.9	53.0	53.7	53.9	54.0	54.2	54.3	54.3	54.3	54.4	54.4	54.4
≥ 7000	43.4	50.6	52.1	52.9	54.7	54.9	55.6	55.8	55.9	56.1	56.2	56.2	56.2	56.3	56.3	56.3
≥ 6000	44.0	51.2	52.8	53.6	55.5	55.7	56.4	56.6	56.7	56.9	57.0	57.0	57.0	57.1	57.1	57.1
≥ 5000	46.7	54.2	55.9	56.8	58.7	58.9	59.6	59.9	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.4
≥ 4500	48.8	56.4	58.1	59.0	60.9	61.1	61.9	62.2	62.2	62.5	62.5	62.5	62.6	62.6	62.6	62.6
≥ 4000	54.5	63.2	65.3	66.4	68.9	69.2	70.1	70.4	70.6	70.9	70.9	71.0	71.0	71.0	71.1	71.1
≥ 3500	57.0	66.0	68.3	69.5	72.2	72.5	73.5	73.8	73.9	74.2	74.3	74.3	74.3	74.4	74.4	74.4
≥ 3000	59.4	68.8	71.4	72.6	75.6	75.8	76.8	77.1	77.3	77.6	77.7	77.7	77.8	77.8	77.8	77.9
≥ 2500	61.2	71.0	73.6	75.0	78.0	78.3	79.3	79.6	79.8	80.1	80.2	80.3	80.3	80.4	80.4	80.4
≥ 2000	62.9	73.0	75.9	77.3	80.4	80.7	81.8	82.2	82.4	82.8	82.9	82.9	83.0	83.0	83.0	83.1
≥ 1800	63.2	73.4	76.3	77.7	81.0	81.2	82.4	82.8	82.9	83.3	83.4	83.5	83.5	83.6	83.6	83.6
≥ 1500	64.4	75.0	78.0	79.6	83.2	83.4	84.6	85.0	85.2	85.6	85.7	85.8	85.8	85.9	85.9	85.9
≥ 1200	65.6	76.4	79.7	81.4	85.3	85.5	86.8	87.3	87.5	87.9	88.0	88.0	88.1	88.1	88.2	88.2
≥ 1000	66.2	77.2	80.6	82.5	86.6	86.8	88.2	88.7	88.9	89.3	89.5	89.5	89.5	89.6	89.6	89.6
≥ 900	66.3	77.4	80.8	82.7	86.8	87.1	88.5	89.0	89.2	89.7	89.8	89.8	89.9	89.9	89.9	90.0
≥ 800	66.7	78.0	81.6	83.7	88.0	88.3	89.8	90.3	90.5	91.0	91.1	91.2	91.2	91.3	91.4	91.4
≥ 700	67.0	78.4	82.0	84.2	88.6	89.0	90.7	91.2	91.5	92.1	92.2	92.3	92.3	92.4	92.4	92.5
≥ 600	67.2	78.6	82.4	84.7	89.3	89.7	91.7	92.2	92.5	93.2	93.3	93.4	93.4	93.5	93.6	93.6
≥ 500	67.3	78.8	82.6	85.1	90.4	90.8	92.9	93.6	94.0	94.7	94.9	94.9	95.0	95.1	95.2	95.2
≥ 400	67.4	79.1	82.9	85.6	91.3	91.7	94.1	95.0	95.4	96.2	96.4	96.5	96.6	96.8	96.8	96.8
≥ 300	67.4	79.1	83.0	85.8	91.7	92.2	94.9	96.1	96.5	97.7	97.9	98.0	98.1	98.3	98.3	98.4
≥ 200	67.4	79.1	83.1	85.9	92.0	92.5	95.3	96.7	97.2	98.5	98.8	98.9	99.1	99.5	99.5	99.5
≥ 100	67.4	79.1	83.1	85.9	92.1	92.5	95.4	96.7	97.3	98.6	98.9	99.1	99.3	99.8	99.9	99.9
≥ 0	67.4	79.1	83.1	85.9	92.1	92.5	95.4	96.7	97.3	98.6	98.9	99.1	99.3	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6693

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1'6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.5	48.7	52.0	53.4	55.2	55.7	56.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	46.1	52.8	56.4	58.4	60.6	61.1	61.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	46.4	53.0	56.6	58.7	60.8	61.3	62.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	46.4	53.0	56.6	58.7	60.8	61.3	62.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	46.4	53.0	56.6	58.7	60.8	61.3	62.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	47.0	53.6	57.2	59.3	61.4	61.9	62.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	48.9	56.2	59.9	61.9	64.2	64.6	65.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	49.2	56.5	60.2	62.2	64.5	65.0	65.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	51.0	58.5	62.4	64.9	67.1	67.6	68.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	51.7	59.3	63.3	65.8	68.6	69.1	69.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	51.7	59.3	63.3	65.8	68.6	69.1	69.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	52.4	60.3	64.4	67.0	69.9	70.4	71.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	52.9	61.3	65.5	68.2	71.2	71.7	72.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4000	56.9	66.3	71.2	74.6	78.3	78.7	79.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	58.7	69.2	74.2	77.7	81.5	82.1	83.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	60.0	70.8	76.2	79.7	84.2	84.8	86.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	60.6	71.9	77.3	80.8	85.7	86.3	88.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	61.6	73.0	78.4	81.8	86.7	87.3	89.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	61.8	73.1	78.5	82.0	86.9	87.5	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	62.0	73.4	78.7	82.2	87.1	87.7	89.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	62.2	73.6	79.0	82.9	87.8	88.4	90.6	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	62.5	73.8	79.2	83.3	88.2	88.9	91.5	92.8	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	62.5	73.8	79.2	83.3	88.2	88.9	91.5	92.8	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	62.5	73.8	79.5	83.6	88.8	89.5	92.4	93.7	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	62.7	74.1	79.7	83.9	89.1	89.8	92.7	94.0	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	62.8	74.2	79.9	84.1	89.5	90.3	93.3	94.6	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	62.8	74.2	79.9	84.2	89.6	90.4	93.5	95.1	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	62.8	74.4	80.2	84.5	90.0	90.8	94.1	95.7	95.8	96.8	96.8	96.8	96.8	97.1	97.1	97.1
≥ 300	62.8	74.4	80.2	84.6	90.3	91.2	94.5	96.1	96.2	97.4	97.4	97.6	97.6	98.7	98.7	98.7
≥ 200	62.8	74.4	80.2	84.6	90.3	91.2	94.6	96.2	96.4	98.0	98.0	98.2	98.4	99.5	99.5	99.5
≥ 100	62.8	74.4	80.2	84.6	90.4	91.3	94.7	96.3	96.5	98.1	98.1	98.4	98.7	100.0	100.0	100.0
≥ 0	62.8	74.4	80.2	84.6	90.4	91.3	94.7	96.3	96.5	98.1	98.1	98.4	98.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	1	≥5/16	≥	≥0
NO CEILING	35.8	42.4	45.4	47.1	49.9	50.5	52.6	53.6	53.6	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	37.3	44.2	47.3	49.3	53.0	53.6	55.8	57.0	57.0	57.8	57.8	57.8	57.8	57.8	57.9	57.9
≥ 18000	37.6	44.6	47.7	49.7	53.4	54.0	56.2	57.3	57.3	58.2	58.2	58.2	58.2	58.2	58.3	58.3
≥ 16000	37.8	44.7	47.8	49.8	53.5	54.1	56.3	57.5	57.5	58.3	58.3	58.3	58.3	58.3	58.4	58.4
≥ 14000	37.9	44.8	47.9	49.9	53.6	54.2	56.4	57.6	57.6	58.4	58.4	58.4	58.4	58.4	58.5	58.5
≥ 12000	38.2	45.3	48.4	50.5	54.2	54.8	57.0	58.2	58.2	59.0	59.0	59.0	59.0	59.0	59.1	59.1
≥ 10000	39.4	46.8	50.2	52.4	56.6	57.2	59.4	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.5	61.5
≥ 9000	40.4	47.9	51.3	53.5	57.7	58.3	60.5	61.6	61.6	62.5	62.5	62.5	62.5	62.5	62.6	62.6
≥ 8000	41.7	49.5	53.0	55.6	60.6	61.2	63.4	64.6	64.6	65.5	65.5	65.5	65.5	65.6	65.7	65.7
≥ 7000	41.7	49.6	53.3	55.8	61.3	61.9	64.3	65.5	65.5	66.3	66.3	66.3	66.3	66.4	66.5	66.5
≥ 6000	41.9	49.9	53.6	56.2	61.8	62.4	64.8	65.9	65.9	66.8	66.8	66.8	66.8	66.9	67.0	67.0
≥ 5000	42.5	50.9	54.6	57.1	63.[illegible]	63.6	66.5	67.7	67.7	68.6	68.6	68.6	68.6	68.7	68.8	68.8
≥ 4500	43.8	52.4	56.3	58.9	64.9	65.5	68.6	69.9	69.9	70.8	70.8	70.8	70.8	71.0	71.1	71.1
≥ 4000	45.9	54.8	59.6	62.8	69.8	70.4	73.5	74.8	74.8	75.7	75.7	75.7	75.9	76.0	76.1	76.1
≥ 3500	47.6	56.9	61.9	65.5	72.8	73.4	76.6	78.1	78.3	79.2	79.2	79.2	79.3	79.5	79.6	79.6
≥ 3000	48.1	57.7	62.8	66.5	74.4	75.1	78.7	80.3	80.4	81.5	81.5	81.5	81.6	81.7	81.8	81.8
≥ 2500	48.7	58.3	63.6	67.3	75.3	76.0	80.0	81.6	81.7	82.8	82.8	82.8	82.9	83.0	83.2	83.2
≥ 2000	49.3	59.4	64.6	68.3	76.6	77.3	81.4	83.0	83.2	84.2	84.2	84.2	84.3	84.5	84.6	84.6
≥ 1800	49.6	59.6	64.9	68.6	76.9	77.7	81.7	83.4	83.5	84.6	84.6	84.6	84.7	84.8	84.9	84.9
≥ 1500	49.8	60.2	65.5	69.2	77.7	78.4	82.7	84.3	84.5	85.5	85.5	85.5	85.7	85.8	85.9	85.9
≥ 1200	50.5	61.3	67.0	70.8	79.7	80.4	84.8	86.5	86.6	87.7	87.7	87.7	87.8	87.9	88.1	88.1
≥ 1000	50.7	61.4	67.1	71.0	79.8	80.5	85.5	87.5	87.6	88.6	88.6	88.6	88.8	88.9	89.0	89.0
≥ 900	50.7	61.4	67.1	71.0	79.8	80.5	85.5	87.5	87.6	88.6	88.6	88.6	88.8	88.9	89.0	89.0
≥ 800	50.9	61.6	67.4	71.6	80.5	81.2	86.3	88.2	88.4	89.5	89.5	89.5	89.6	89.7	89.8	89.8
≥ 700	51.4	62.2	68.1	72.3	81.5	82.2	87.5	89.4	89.6	90.8	90.9	90.9	91.2	91.3	91.4	91.4
≥ 600	51.4	62.2	68.1	72.3	81.6	82.3	87.6	89.7	90.0	91.8	91.9	91.9	92.1	92.2	92.4	92.4
≥ 500	51.4	62.4	68.3	72.5	82.0	82.7	88.1	90.6	90.9	93.0	93.1	93.1	93.3	93.4	93.5	93.5
≥ 400	51.4	62.5	68.6	72.9	82.6	83.3	88.9	91.4	91.8	93.9	94.0	94.0	94.3	94.4	94.5	94.5
≥ 300	51.4	62.5	68.6	72.9	82.8	83.5	89.4	92.2	92.6	95.2	95.6	95.6	96.3	97.0	97.3	97.3
≥ 200	51.4	62.5	68.6	72.9	82.8	83.5	89.6	92.5	93.0	95.7	96.2	96.3	97.1	98.1	98.6	98.7
≥ 100	51.4	62.5	68.6	72.9	82.8	83.5	89.6	92.5	93.0	95.7	96.2	96.3	97.1	98.2	99.4	99.5
≥ 0	51.4	62.5	68.6	72.9	82.8	83.5	89.6	92.5	93.0	95.8	96.3	96.4	97.3	98.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0800 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	28.1	34.1	35.9	36.8	39.8	40.4	43.0	44.1	44.5	45.4	45.6	45.8	45.8	45.9	46.3	46.3
≥ 20000	29.6	36.0	37.8	39.1	42.3	43.0	46.2	47.5	47.8	49.2	49.3	49.5	49.6	49.8	50.1	50.1
≥ 18000	29.7	36.1	38.0	39.3	42.6	43.3	46.4	47.7	48.1	49.4	49.5	49.8	49.9	50.0	50.4	50.4
≥ 16000	29.7	36.1	38.0	39.3	42.6	43.3	46.4	47.7	48.1	49.4	49.5	49.8	49.9	50.0	50.4	50.4
≥ 14000	29.9	36.2	38.1	39.6	43.0	43.8	47.0	48.4	48.8	50.1	50.2	50.5	50.8	51.1	51.4	51.4
≥ 12000	30.3	36.9	38.8	40.3	43.8	44.5	47.7	49.2	49.5	50.8	51.0	51.2	51.6	51.8	52.2	52.2
≥ 10000	31.3	38.0	39.9	41.7	45.3	46.0	49.4	51.2	51.7	53.0	53.1	53.4	53.7	54.0	54.3	54.3
≥ 9000	33.0	39.9	42.0	44.0	47.8	48.6	51.9	53.7	54.2	55.6	55.8	56.0	56.4	56.6	57.0	57.0
≥ 8000	35.9	42.9	45.4	47.7	52.0	52.8	56.4	58.4	58.9	60.6	60.7	60.9	61.3	61.5	61.9	61.9
≥ 7000	36.5	43.8	46.4	48.7	53.2	54.0	58.0	60.2	60.7	62.4	62.5	62.7	63.2	63.4	63.8	63.8
≥ 6000	36.9	44.4	47.0	49.3	53.8	54.6	58.6	60.8	61.3	62.9	63.1	63.3	63.8	64.0	64.4	64.4
≥ 5000	37.3	44.8	47.5	49.9	54.4	55.2	59.6	62.1	62.7	64.6	64.7	65.0	65.5	65.7	66.1	66.1
≥ 4500	38.7	46.4	49.0	51.4	56.1	56.8	6 .3	63.8	64.4	66.3	66.4	66.7	67.1	67.4	67.7	67.7
≥ 4000	40.6	48.9	52.2	54.9	60.0	60.7	65.7	68.3	69.1	71.1	71.2	71.6	72.1	72.4	72.8	72.9
≥ 3500	41.1	49.6	53.0	55.8	60.9	61.8	66.8	69.4	70.1	72.2	72.3	72.7	73.1	73.5	73.9	74.0
≥ 3000	42.6	51.1	54.6	57.3	62.7	63.7	68.8	71.5	72.3	74.3	74.6	74.9	75.4	75.8	76.1	76.3
≥ 2500	42.7	51.7	55.2	57.9	63.3	64.3	69.8	72.5	73.4	75.5	75.8	76.1	76.6	77.0	77.3	77.5
≥ 2000	43.5	52.6	56.2	59.4	64.7	65.7	71.7	74.6	75.5	77.8	78.1	78.4	78.9	79.3	79.6	79.7
≥ 1800	43.5	52.6	56.2	59.5	64.9	65.8	71.8	74.7	75.7	77.9	78.2	78.5	79.0	79.4	79.7	79.9
≥ 1500	44.6	53.7	57.4	60.7	66.1	67.0	73.1	76.0	77.0	79.5	79.7	80.1	80.6	80.9	81.3	81.4
≥ 1200	45.3	54.7	58.4	61.6	67.4	68.3	74.8	77.8	78.8	81.3	81.5	81.9	82.5	82.9	83.2	83.3
≥ 1000	45.6	55.3	59.0	62.2	68.1	69.1	75.7	78.7	79.7	82.4	82.6	83.0	83.6	83.9	84.3	84.4
≥ 900	45.6	55.3	59.2	62.5	68.5	69.4	76.0	79.0	80.2	82.9	83.1	83.5	84.1	84.4	84.8	84.9
≥ 800	45.6	55.3	59.4	62.7	69.2	70.1	76.9	80.0	81.2	83.9	84.2	84.5	85.1	85.5	85.9	86.0
≥ 700	45.7	55.5	60.0	63.3	70.1	71.1	78.2	81.3	82.5	85.5	85.9	86.3	86.9	87.3	87.6	87.8
≥ 600	45.8	55.8	60.2	63.7	70.7	71.7	78.9	82.1	83.3	86.3	86.7	87.2	87.8	88.2	88.6	88.7
≥ 500	45.8	55.9	60.8	64.4	71.6	72.5	79.9	83.2	84.4	87.6	88.0	88.6	89.4	89.9	90.3	90.4
≥ 400	45.9	56.0	61.2	64.7	72.1	73.0	80.5	83.9	85.1	89.2	89.6	90.2	91.0	91.6	92.0	92.1
≥ 300	45.9	56.0	61.2	64.9	72.4	73.4	81.3	84.9	86.3	91.1	91.6	92.3	93.9	95.0	95.6	95.7
≥ 200	45.9	56.0	61.2	64.9	72.4	73.4	81.4	85.3	86.7	91.8	92.6	93.3	95.2	96.5	97.4	97.8
≥ 100	45.9	56.0	61.2	64.9	72.4	73.4	81.5	85.5	86.9	92.1	92.8	93.8	95.7	97.6	98.9	99.5
≥ 0	45.9	56.0	61.2	64.9	72.4	73.4	81.5	85.5	86.9	92.1	92.8	93.8	95.7	97.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 634

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
1 6162	HAHN AB DL	73-81	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	29.5	34.7	37.[illegible]	38.6	41.5	41.5	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	33.3	39.8	42.6	44.5	47.8	47.8	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	33.5	40.2	43.2	45.1	48.4	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 16000	33.5	40.2	43.2	45.1	48.4	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 14000	33.7	40.7	43.7	45.6	48.9	48.9	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 12000	34.3	41.4	44.5	46.4	49.9	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 10000	36.0	43.2	46.3	48.3	51.8	51.8	52.3	52.4	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 9000	38.0	45.2	48.4	50.5	54.2	54.2	54.7	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 8000	40.3	47.6	51.1	53.2	57.1	57.1	57.5	57.8	58.0	58.3	58.3	58.3	58.3	58.3	58.[illegible]	[illegible]3
≥ 7000	40.9	48.2	51.8	53.9	57.8	57.8	58.3	58.5	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 6000	41.3	48.6	52.2	54.3	58.1	58.1	58.6	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 5000	42.1	49.6	53.3	55.7	59.7	59.7	60.2	60.4	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 4500	42.8	50.6	54.4	56.8	60.8	60.8	61.2	61.5	61.7	62.0	62.0	62.0	62.0	[illegible]	62.0	62.0
≥ 4000	44.9	53.1	57.3	59.9	64.0	64.0	64.8	65.1	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3500	46.4	54.8	59.1	61.7	66.3	66.3	67.1	67.5	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	48.4	57.3	61.8	64.5	69.1	69.1	70.0	70.3	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500	49.4	58.6	63.4	66.1	71.1	71.1	71.9	72.2	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2000	51.6	61.1	66.1	68.9	74.2	74.2	75.1	75.5	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1800	52.0	61.7	66.7	69.5	74.8	74.8	75.7	76.1	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1500	54.2	64.2	69.5	72.4	78.3	78.3	79.4	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1200	55.9	66.9	72.2	75.5	81.8	81.8	83.1	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1000	56.3	67.5	72.8	76.3	82.9	82.9	84.4	85.0	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 900	56.6	67.8	73.3	76.9	84.0	84.0	85.6	86.2	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	57.3	68.9	74.4	78.0	85.9	85.9	87.7	88.5	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700	57.5	69.1	74.6	78.2	86.4	86.4	88.3	89.1	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 600	58.0	69.7	75.2	79.1	87.4	87.6	89.7	90.8	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	58.0	70.0	75.5	79.7	88.5	88.6	90.9	92.2	93.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 400	58.0	70.0	75.6	79.8	88.9	89.0	91.4	92.7	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 300	58.0	70.0	75.6	80.1	89.6	89.7	92.1	93.5	94.7	96.7	96.7	96.8	96.8	97.0	97.1	97.1
≥ 200	58.0	70.0	75.6	80.1	89.7	89.8	92.5	94.3	95.6	97.6	97.8	98.0	98.6	98.8	99.0	99.0
≥ 100	58.0	70.0	75.6	80.1	89.7	89.8	92.5	94.4	95.8	98.1	98.3	98.6	99.2	99.5	99.8	99.8
≥ 0	58.0	70.0	75.6	80.1	89.7	89.8	92.5	94.4	95.8	98.3	98.6	98.8	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

! 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	32.5	36.9	37.9	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	39.5	45.0	46.4	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	40.0	45.6	47.0	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 16000	40.0	45.6	47.0	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 14000	40.5	46.1	47.4	47.9	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 12000	40.7	46.6	47.9	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 10000	43.0	49.1	50.4	50.9	51.4	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 9000	44.3	51.3	52.7	53.2	53.6	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 8000	47.0	54.5	56.2	56.6	57.3	57.3	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000	47.3	54.8	56.5	57.0	57.7	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	47.4	55.1	56.8	57.2	57.9	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 5000	48.6	56.4	58.1	58.7	59.5	59.5	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4500	50.2	58.2	60.0	60.6	61.4	61.4	6 .6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4000	55.4	63.7	65.6	66.3	67.3	67.3	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500	59.6	68.3	70.3	71.0	71.9	71.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3000	65.1	74.9	76.9	77.7	78.7	78.7	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2500	68.0	78.4	80.6	81.4	82.4	82.4	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	69.3	80.2	82.4	83.3	84.6	84.6	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1800	69.7	80.6	83.0	83.9	85.3	85.3	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	70.7	82.1	84.7	86.5	88.2	88.2	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	71.6	83.0	85.8	87.8	89.6	89.6	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	72.8	84.7	87.6	89.7	91.6	91.6	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	72.8	84.7	87.6	89.7	91.8	91.8	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	73.0	84.9	87.9	90.2	92.5	92.5	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	73.2	85.5	88.5	90.8	93.5	93.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	73.2	85.7	88.6	90.9	93.7	93.7	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	73.2	85.9	88.9	91.5	94.6	94.7	95.8	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	73.2	85.9	89.0	91.6	95.1	95.2	96.5	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	73.4	86.0	89.1	91.9	95.7	95.8	97.1	97.8	98.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	73.4	86.0	89.1	91.9	95.7	95.8	97.1	97.8	98.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8
≥ 100	73.4	86.0	89.1	91.9	95.7	95.8	97.1	97.8	98.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	73.4	86.0	89.1	91.9	95.7	95.8	97.1	97.8	98.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1703 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥0
NO CEILING	35.1	38.1	39.5	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	42.8	46.6	48.3	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 18000	43.1	46.8	48.5	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	43.1	47.0	48.6	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 14000	43.5	47.3	49.0	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 12000	44.2	48.0	49.7	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 10000	47.1	51.6	53.6	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 9000	49.1	54.1	56.5	56.8	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 8000	53.6	59.4	61.9	62.1	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 7000	54.8	60.6	63.1	63.3	63.9	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 6000	55.1	60.8	63.3	63.6	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 5000	57.6	63.8	66.3	66.5	67.4	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500	60.3	66.9	69.5	69.8	70.6	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	67.6	75.1	77.9	78.1	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	70.7	78.6	81.6	81.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000	72.9	82.0	85.3	85.8	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	74.4	84.1	87.5	87.9	89.2	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	75.7	85.5	89.1	90.0	91.6	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	76.1	86.0	89.6	90.4	92.1	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	76.5	86.5	90.1	90.9	92.7	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	76.9	87.3	91.2	92.0	94.0	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	77.1	87.5	91.6	92.6	94.6	94.9	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	77.1	87.5	91.6	92.7	94.9	95.1	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	77.2	87.8	92.1	93.4	95.7	95.9	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	77.3	87.9	92.4	93.8	96.2	96.4	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	77.5	88.2	92.6	94.0	96.5	96.8	97.4	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	77.5	88.4	92.8	94.3	97.1	97.4	98.0	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	77.5	88.4	92.8	94.4	97.4	97.6	98.2	98.4	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	77.5	88.4	92.8	94.6	97.6	97.8	98.6	98.8	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	77.5	88.4	92.8	94.6	97.6	97.8	98.6	98.8	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	77.5	88.4	92.8	94.6	97.6	97.8	98.7	98.9	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	77.5	88.4	92.8	94.6	97.6	97.8	98.7	98.9	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	40.7	45.0	46.2	46.4	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	48.3	53.8	55.5	55.7	56.3	56.3	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	48.7	54.2	55.9	56.1	56.7	56.7	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	48.7	54.2	55.9	56.1	56.7	56.7	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	48.9	54.4	56.1	56.3	56.9	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 12000	50.2	55.7	57.4	57.7	58.4	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	52.3	58.5	60.2	60.6	62.1	62.1	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000	54.3	60.8	62.6	63.2	65.0	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	58.6	66.0	67.9	68.5	70.3	70.3	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	60.6	68.3	70.2	70.8	72.6	72.6	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 6000	61.3	68.9	70.8	71.4	73.2	73.2	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	63.6	72.1	74.0	74.8	76.7	76.7	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	65.8	74.9	76.8	77.6	79.5	79.5	80.0	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000	70.5	80.1	82.1	83.0	85.2	85.2	85.8	85.9	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	73.0	83.5	85.9	86.8	89.4	89.4	90.0	90.1	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	74.4	85.2	87.7	88.8	91.5	91.5	92.1	92.2	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	75.0	86.0	88.5	89.6	92.5	92.5	93.1	93.3	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	75.7	86.7	89.4	90.4	93.4	93.4	94.0	94.5	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	75.8	87.0	89.6	90.7	93.7	93.7	94.3	94.7	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	75.8	87.1	89.7	90.9	93.9	93.9	94.5	95.0	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	76.0	87.2	90.1	91.3	94.5	94.5	95.1	95.6	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	76.0	87.4	90.3	91.6	95.2	95.2	95.9	96.4	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	76.0	87.6	90.4	91.7	95.3	95.3	96.1	96.5	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	76.0	87.7	90.7	92.0	95.6	95.6	96.3	96.8	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	76.0	87.7	90.7	92.0	95.7	95.7	96.4	96.9	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	76.0	87.7	90.7	92.0	95.7	95.7	96.4	96.9	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	76.0	87.7	90.9	92.2	95.9	95.9	96.9	97.4	97.6	98.4	98.6	98.8	98.8	98.8	98.8	98.8
≥ 400	76.0	87.7	90.9	92.3	96.1	96.1	97.1	97.8	98.1	98.9	99.0	99.3	99.3	99.3	99.3	99.3
≥ 300	76.0	87.7	90.9	92.3	96.1	96.1	97.4	98.2	98.4	99.3	99.4	99.8	99.8	99.8	99.8	99.8
≥ 200	76.0	87.7	90.9	92.3	96.1	96.1	97.4	98.2	98.4	99.3	99.4	99.8	99.8	99.8	99.8	99.8
≥ 100	76.0	87.7	90.9	92.3	96.1	96.1	97.4	98.3	98.6	99.4	99.5	99.9	100.0	100.0	100.0	100.0
≥ 0	76.3	87.7	90.9	92.3	96.1	96.1	97.4	98.3	98.6	99.4	99.5	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 616D (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	44.3	49.8	52.0	53.2	54.0	54.0	54.6	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8
≥ 20000	49.6	56.4	59.4	60.9	62.1	62.1	62.8	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1
≥ 18000	50.1	56.9	59.9	61.4	62.6	62.6	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6
≥ 16000	50.1	56.9	59.9	61.4	62.6	62.6	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6
≥ 14000	50.1	56.9	59.9	61.4	62.6	62.6	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6
≥ 12000	51.3	58.2	61.2	62.7	64.2	64.2	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1
≥ 10000	52.6	59.9	62.8	64.4	66.3	66.3	67.0	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3
≥ 9000	53.5	60.8	63.8	65.4	67.5	67.6	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7
≥ 8000	56.3	64.0	67.0	68.8	71.2	71.3	72.2	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6
≥ 7000	57.1	65.0	68.2	70.0	72.5	72.6	73.7	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2
≥ 6000	57.8	65.8	69.1	70.8	73.4	73.5	74.6	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0
≥ 5000	59.1	67.7	71.1	72.9	75.5	75.6	77.1	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8
≥ 4500	60.2	68.8	72.2	74.0	76.8	76.9	78.4	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1
≥ 4000	64.9	74.3	77.8	79.7	82.8	82.9	84.6	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4
≥ 3500	66.9	76.7	80.2	82.1	85.3	85.4	87.2	87.8	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2
≥ 3000	68.9	79.0	82.9	84.9	88.3	88.4	90.2	90.8	90.8	91.2	91.2	91.3	91.3	91.3	91.3	91.3
≥ 2500	69.5	79.7	83.6	85.7	89.1	89.2	91.0	91.6	91.6	92.0	92.0	92.1	92.1	92.1	92.1	92.1
≥ 2000	70.1	80.8	84.8	87.0	90.4	90.6	92.5	93.2	93.2	93.5	93.5	93.7	93.7	93.7	93.7	93.7
≥ 1800	70.4	81.0	85.1	87.5	90.9	91.0	93.0	93.7	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1
≥ 1500	70.6	81.5	85.8	88.3	92.0	92.1	94.0	94.7	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1200	70.6	81.5	86.0	88.6	92.5	92.6	94.7	95.6	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1
≥ 1000	70.6	81.5	86.0	88.8	92.6	92.7	95.5	96.5	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0
≥ 900	70.6	81.5	86.0	88.8	92.6	92.7	95.5	96.5	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0
≥ 800	70.6	81.5	86.1	88.9	92.8	93.0	95.7	96.8	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 700	70.7	81.6	86.3	89.0	93.0	93.1	95.8	96.9	96.9	97.4	97.4	97.5	97.5	97.5	97.5	97.5
≥ 600	70.7	81.6	86.3	89.1	93.1	93.2	95.9	97.0	97.0	97.5	97.5	97.6	97.6	97.6	97.6	97.6
≥ 500	70.7	81.6	86.3	89.1	93.1	93.2	96.1	97.4	97.4	97.8	97.8	98.1	98.2	98.2	98.2	98.2
≥ 400	70.7	81.6	86.3	89.1	93.1	93.2	96.1	97.4	97.4	98.1	98.1	98.3	98.4	98.6	98.6	98.6
≥ 300	70.7	81.6	86.3	89.1	93.1	93.2	96.2	97.5	97.5	98.3	98.3	98.8	99.3	99.4	99.4	99.4
≥ 200	70.7	81.6	86.3	89.1	93.1	93.2	96.2	97.6	97.6	98.7	98.7	99.2	99.6	99.8	99.8	99.8
≥ 100	70.7	81.6	86.3	89.1	93.1	93.2	96.2	97.6	97.6	98.7	98.7	99.4	99.9	100.0	100.0	100.0
≥ 0	70.7	81.6	86.3	89.1	93.1	93.2	96.2	97.6	97.6	98.7	98.7	99.4	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥1	≥	≥	≥	≥	≥5/16	≥	≥
NO CEILING	36.1	41.2	43.2	44.2	45.7	45.9	46.7	47.2	47.2	47.4	47.5	47.5	47.5	47.5	47.6	47.6
≥ 20000	40.8	46.8	49.2	50.4	52.3	52.5	53.4	53.9	54.0	54.2	54.2	54.3	54.3	54.3	54.4	54.4
≥ 18000	41.1	47.2	49.6	50.8	52.7	52.9	53.8	54.3	54.3	54.6	54.6	54.7	54.7	54.7	54.8	54.8
≥ 16000	41.2	47.2	49.6	50.8	52.7	52.9	53.8	54.3	54.4	54.6	54.7	54.7	54.7	54.7	54.8	54.8
≥ 14000	41.4	47.4	49.8	51.1	53.0	53.2	54.1	54.6	54.7	54.9	55.0	55.0	55.0	55.1	55.1	55.1
≥ 12000	42.0	48.2	50.7	51.9	53.8	54.1	55.0	55.5	55.6	55.8	55.8	55.9	55.9	56.0	56.0	56.0
≥ 10000	43.8	50.4	52.9	54.3	56.5	56.7	57.7	58.3	58.4	58.7	58.7	58.7	58.8	58.8	58.9	58.9
≥ 9000	45.2	52.1	54.7	56.1	58.5	58.7	59.7	60.3	60.4	60.7	60.7	60.7	60.8	60.8	60.9	60.9
≥ 8000	48.0	55.3	58.1	59.7	62.3	62.5	63.6	64.2	64.3	64.7	64.7	64.8	64.8	64.8	64.9	64.9
≥ 7000	48.8	56.2	59.1	60.7	63.5	63.7	64.9	65.5	65.6	66.0	66.0	66.1	66.1	66.2	66.2	66.2
≥ 6000	49.1	56.6	59.5	61.1	63.9	64.1	65.3	66.0	66.1	66.4	66.4	66.5	66.6	66.6	66.7	66.7
≥ 5000	50.4	58.2	61.2	62.8	65.8	66.0	67.4	68.1	68.2	68.6	68.6	68.7	68.7	68.8	68.9	68.9
≥ 4500	51.9	59.9	63.0	64.7	67.7	67.9	69.3	70.1	70.2	70.6	70.6	70.7	70.7	70.8	70.8	70.8
≥ 4000	55.8	64.6	68.0	69.9	73.3	73.5	75.2	76.0	76.1	76.6	76.6	76.6	76.7	76.8	76.8	76.8
≥ 3500	58.0	67.2	70.8	72.8	76.4	76.6	78.3	79.2	79.3	79.8	79.9	79.9	80.0	80.0	80.1	80.1
≥ 3000	60.1	69.8	73.5	75.7	79.5	79.8	81.6	82.5	82.7	83.2	83.3	83.3	83.4	83.5	83.5	83.5
≥ 2500	61.1	71.1	75.0	77.1	81.1	81.4	83.3	84.2	84.4	84.9	85.0	85.0	85.1	85.2	85.2	85.2
≥ 2000	62.1	72.4	76.4	78.6	82.8	83.1	85.1	86.1	86.3	86.9	86.9	87.0	87.0	87.1	87.2	87.2
≥ 800	62.4	72.7	76.7	79.0	83.2	83.5	85.5	86.5	86.7	87.3	87.3	87.4	87.4	87.5	87.6	87.6
≥ 1500	63.0	73.6	77.7	80.1	84.5	84.8	86.9	87.8	88.1	88.7	88.7	88.8	88.9	88.9	89.0	89.0
≥ 200	63.6	74.4	78.7	81.3	85.9	86.3	88.5	89.5	89.7	90.4	90.4	90.4	90.5	90.6	90.7	90.7
≥ 1000	63.9	74.9	79.2	81.9	86.6	87.0	89.5	90.6	90.9	91.6	91.6	91.7	91.8	91.8	91.9	91.9
≥ 900	64.0	75.0	79.3	82.1	86.9	87.2	89.8	90.9	91.1	91.9	91.9	92.0	92.0	92.1	92.2	92.2
≥ 800	64.1	75.2	79.7	82.6	87.6	88.0	90.6	91.8	92.0	92.8	92.8	92.9	93.0	93.0	93.1	93.1
≥ 700	64.3	75.5	80.0	82.9	88.2	88.5	91.3	92.4	92.7	93.5	93.6	93.6	93.8	93.8	93.9	93.9
≥ 600	64.4	75.6	80.2	83.2	88.5	88.9	91.7	92.9	93.2	94.1	94.2	94.3	94.4	94.5	94.5	94.6
≥ 500	64.4	75.8	80.4	83.5	89.1	89.4	92.4	93.8	94.2	95.2	95.3	95.5	95.6	95.7	95.7	95.8
≥ 400	64.5	75.8	80.6	83.7	89.4	89.8	92.9	94.3	94.7	96.0	96.1	96.2	96.4	96.5	96.6	96.6
≥ 300	64.5	75.8	80.6	83.8	89.7	90.1	93.3	94.9	95.4	97.1	97.3	97.5	97.8	98.3	98.4	98.4
≥ 200	64.5	75.8	80.6	83.8	89.7	90.1	93.4	95.1	95.6	97.5	97.7	98.0	98.5	99.0	99.2	99.3
≥ 100	64.5	75.8	80.6	83.8	89.7	90.1	93.5	95.2	95.7	97.7	97.9	98.3	98.8	99.4	99.8	99.9
≥ 0	64.5	75.8	80.6	83.8	89.7	90.1	93.5	95.2	95.7	97.7	98.0	98.3	98.8	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6691

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥	≥	≥	≥	≥5/16	≥	≥
NO CEILING	31.9	38.4	41.8	43.8	47.6	48.1	50.1	50.8	50.9	51.3	51.4	51.4	51.5	51.8	51.8	51.8
≥ 20000	33.7	40.5	44.7	47.1	51.2	51.8	54.3	55.0	55.1	55.6	55.7	55.7	55.9	56.1	56.1	56.2
≥ 18000	33.7	40.5	44.7	47.1	51.2	51.8	54.3	55.0	55.1	55.6	55.7	55.7	55.9	56.1	56.1	56.2
≥ 16000	34.0	40.8	45.0	47.3	51.4	52.0	54.5	55.3	55.4	55.9	56.0	56.0	56.1	56.4	56.4	56.5
≥ 14000	34.2	41.0	45.2	47.6	51.7	52.3	54.8	55.5	55.6	56.1	56.2	56.2	56.4	56.6	56.6	56.7
≥ 12000	34.7	41.5	45.7	48.1	52.2	52.8	55.4	56.1	56.2	56.7	56.9	56.9	57.0	57.2	57.2	57.4
≥ 10000	35.6	42.4	46.6	48.9	53.0	53.8	56.5	57.2	57.4	57.8	58.0	58.0	58.1	58.5	58.5	58.6
≥ 9000	36.1	43.0	47.2	49.6	53.8	54.5	57.2	58.0	58.1	58.7	58.8	58.8	59.0	59.3	59.3	59.5
≥ 8000	37.9	45.1	49.8	52.5	57.2	58.1	60.8	61.6	61.7	62.3	62.4	62.4	62.7	63.3	63.3	63.4
≥ 7000	38.9	46.1	50.8	53.5	58.2	59.1	61.8	62.5	62.7	63.3	63.4	63.4	63.7	64.3	64.3	64.4
≥ 6000	40.0	47.3	52.0	54.8	59.5	60.3	63.0	63.8	63.9	64.5	64.6	64.6	64.9	65.5	65.5	65.6
≥ 5000	41.4	49.1	53.9	56.6	61.7	62.5	65.5	66.3	66.4	67.0	67.1	67.1	67.4	68.0	68.0	68.1
≥ 4500	42.4	50.3	55.3	58.0	63.0	63.9	66.9	67.6	67.7	68.4	68.5	68.5	68.7	69.3	69.3	69.5
≥ 4000	46.8	56.2	61.3	64.0	69.3	70.3	73.3	74.0	74.2	74.8	74.9	74.9	75.2	75.8	75.8	75.9
≥ 3500	48.8	58.6	63.7	66.4	71.9	72.9	76.3	77.0	77.1	77.8	77.9	77.9	78.1	78.7	78.7	78.9
≥ 3000	50.6	60.4	65.6	68.5	74.3	75.3	78.7	79.6	79.7	80.3	80.5	80.5	80.7	81.3	81.3	81.5
≥ 2500	51.4	61.6	66.9	69.8	75.9	76.9	80.3	81.2	81.3	82.0	82.1	82.1	82.3	82.9	82.9	83.1
≥ 2000	52.2	62.3	67.6	70.6	76.9	77.9	81.5	82.3	82.4	83.1	83.2	83.2	83.4	84.1	84.1	84.2
≥ 1800	52.4	62.7	68.0	71.0	77.4	78.4	82.0	82.8	82.9	83.6	83.7	83.7	83.9	84.5	84.5	84.7
≥ 1500	53.4	63.9	69.2	72.4	78.9	79.9	83.4	84.3	84.4	85.0	85.2	85.2	85.4	86.0	86.0	86.2
≥ 1200	54.0	64.8	70.3	73.7	80.5	81.5	85.0	85.9	86.2	86.9	87.0	87.0	87.3	87.9	87.9	88.0
≥ 1000	54.4	65.5	71.1	74.4	81.2	82.2	85.9	86.9	87.1	87.9	88.0	88.0	88.3	88.9	88.9	89.0
≥ 900	54.4	65.5	71.1	74.4	81.2	82.2	86.0	87.0	87.3	88.0	88.1	88.1	88.4	89.0	89.0	89.1
≥ 800	54.6	65.8	71.3	74.7	81.6	82.6	86.4	87.4	87.6	88.4	88.5	88.5	88.8	89.4	89.4	89.5
≥ 700	54.6	66.0	71.6	75.0	82.3	83.6	87.5	88.5	88.8	89.6	89.7	89.7	90.0	90.6	90.6	90.7
≥ 600	54.8	66.3	71.8	75.3	83.3	84.5	89.1	90.5	90.7	91.6	91.7	92.1	92.3	93.0	93.0	93.1
≥ 500	54.8	66.3	71.8	75.3	83.3	84.5	89.2	90.7	91.0	92.2	92.5	93.0	93.3	93.9	93.9	94.1
≥ 400	54.8	66.3	71.8	75.3	83.7	84.9	89.7	91.5	91.8	93.2	93.4	94.1	94.6	95.2	95.2	95.3
≥ 300	54.8	66.3	71.8	75.3	83.8	85.0	90.0	92.0	92.3	94.1	94.3	94.9	95.4	96.0	96.0	96.2
≥ 200	54.8	66.3	71.8	75.3	83.8	85.0	90.0	92.5	92.8	95.1	95.4	96.2	97.0	98.1	98.1	98.3
≥ 100	55.1	66.6	72.2	75.6	84.2	85.4	90.4	92.8	93.2	95.4	95.8	96.5	97.5	98.6	98.6	99.5
≥ 0	55.1	66.6	72.2	75.6	84.2	85.4	90.4	92.8	93.2	95.4	95.8	96.5	97.7	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥1	2	≥	≥	2	≥5/16	≥	≥0
NO CEILING	29.5	35.1	38.1	38.9	42.6	43.6	46.5	47.5	47.8	49.3	49.7	49.8	49.8	50.6	50.9	51.2
≥ 20000	30.7	36.5	39.6	40.4	44.5	45.7	48.8	49.8	50.2	51.7	52.0	52.2	52.2	52.9	53.3	53.5
≥ 18000	30.7	36.5	39.6	40.4	44.5	45.7	48.8	49.8	50.2	51.7	52.0	52.2	52.2	52.9	53.3	53.5
≥ 16000	30.7	36.5	39.6	40.4	44.5	45.7	48.8	49.8	50.2	51.7	52.0	52.2	52.2	52.9	53.3	53.5
≥ 14000	30.7	36.5	39.6	40.4	44.5	45.7	48.8	49.8	50.2	51.7	52.0	52.2	52.2	52.9	53.3	53.5
≥ 12000	30.8	37.0	40.0	40.9	45.0	46.2	49.4	50.6	50.9	52.4	52.8	52.9	52.9	53.6	54.0	54.3
≥ 10000	30.9	37.1	40.2	41.0	45.2	46.5	49.7	50.8	51.3	52.8	53.2	53.3	53.3	54.0	54.4	54.6
≥ 9000	31.5	37.7	40.9	41.8	46.0	47.3	50.7	51.8	52.3	53.8	54.1	54.3	54.3	55.0	55.4	55.6
≥ 8000	32.6	39.2	42.4	43.4	48.2	49.6	53.0	54.3	54.8	56.2	56.6	56.7	56.7	57.6	58.0	58.2
≥ 7000	33.0	39.6	42.8	43.8	48.7	50.1	53.5	54.8	55.3	56.7	57.1	57.2	57.2	58.1	58.5	58.7
≥ 6000	33.4	40.3	43.5	44.5	49.4	50.8	54.3	55.5	56.0	57.5	57.8	58.0	58.0	58.8	59.2	59.5
≥ 5000	35.1	42.3	45.6	46.7	51.8	53.2	56.7	58.0	58.5	60.0	60.3	60.4	60.4	61.3	61.7	61.9
≥ 4500	36.0	43.6	47.1	48.2	53.4	54.8	58.5	59.7	60.2	61.7	62.1	62.2	62.2	63.0	63.4	63.7
≥ 4000	39.3	48.0	51.5	52.8	58.6	60.1	64.2	65.4	66.0	67.6	68.0	68.1	68.1	69.0	69.3	69.6
≥ 3500	41.4	50.6	54.3	55.7	61.8	63.3	67.7	69.1	69.7	71.3	71.7	71.8	71.8	72.7	73.1	73.3
≥ 3000	42.2	51.9	55.7	57.4	63.4	64.9	69.5	70.8	71.4	73.1	73.4	73.5	73.5	74.4	74.8	75.0
≥ 2500	43.1	52.9	57.0	58.7	65.0	66.5	71.1	72.6	73.2	74.8	75.2	75.3	75.3	76.1	76.5	76.8
≥ 2000	44.0	54.1	58.3	60.4	66.7	68.2	72.8	74.3	74.9	76.5	76.9	77.0	77.0	77.9	78.2	78.5
≥ 1800	44.4	54.5	58.7	60.8	67.1	68.6	73.2	74.7	75.3	76.9	77.3	77.4	77.4	78.2	78.6	78.9
≥ 1500	45.4	55.6	60.0	62.3	68.9	70.3	74.9	76.4	77.3	78.9	79.2	79.4	79.4	80.2	80.6	80.8
≥ 1200	46.7	57.4	61.8	64.3	71.1	72.7	77.5	79.0	79.9	81.6	82.0	82.1	82.1	82.9	83.3	83.6
≥ 1000	47.5	58.2	63.0	65.5	72.6	74.2	79.1	80.8	81.7	83.6	83.9	84.1	84.1	84.9	85.3	85.5
≥ 900	47.5	58.2	63.0	65.5	72.6	74.2	79.1	80.8	81.7	83.6	83.9	84.1	84.1	84.9	85.3	85.5
≥ 800	47.8	58.8	64.0	66.6	73.8	75.4	80.6	82.7	83.6	85.4	85.9	86.0	86.0	86.9	87.3	87.5
≥ 700	48.0	59.0	64.2	66.7	73.9	75.5	80.7	82.8	83.8	85.7	86.2	86.3	86.3	87.1	87.5	87.8
≥ 600	48.0	59.1	64.3	66.9	74.3	75.9	81.2	83.6	84.5	86.4	86.9	87.4	87.4	88.3	88.6	88.9
≥ 500	48.0	59.1	64.3	67.0	74.7	76.3	81.6	84.1	85.0	87.1	87.6	88.1	88.3	89.1	89.5	89.7
≥ 400	48.1	59.2	64.4	67.1	75.0	76.8	82.4	85.3	86.5	88.6	89.1	90.0	90.1	91.0	91.3	91.6
≥ 300	48.2	59.3	64.6	67.5	75.6	77.4	83.2	86.7	88.1	90.5	91.0	91.8	92.1	93.2	93.6	94.2
≥ 200	48.2	59.3	64.6	67.5	75.9	77.6	83.7	88.0	89.5	92.3	93.1	94.3	94.9	96.3	96.8	97.7
≥ 100	48.2	59.3	64.6	67.5	75.9	77.6	83.7	88.0	89.5	92.3	93.1	94.6	95.2	96.7	97.3	99.4
≥ 0	48.2	59.3	64.6	67.5	75.9	77.6	83.7	88.0	89.5	92.3	93.1	94.6	95.2	96.7	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	20.0	24.3	26.1	26.8	28.7	29.1	31.6	33.5	33.7	34.8	34.9	34.9	35.2	35.6	35.8	36.3
≥ 20000	21.9	26.9	29.1	30.0	32.1	32.5	35.4	37.5	37.9	39.2	39.3	39.3	39.5	39.9	40.1	40.9
≥ 18000	22.2	27.1	29.4	30.2	32.3	32.7	35.7	37.8	38.2	39.4	39.5	39.5	39.8	40.1	40.4	41.1
≥ 16000	22.2	27.1	29.4	30.2	32.3	32.7	35.7	37.8	38.2	39.4	39.5	39.5	39.8	40.1	40.4	41.1
≥ 14000	22.3	27.4	29.6	30.5	32.6	33.0	35.9	38.0	38.4	39.7	39.8	39.8	40.0	40.4	40.6	41.4
≥ 12000	23.0	28.4	30.6	31.6	33.8	34.2	37.4	39.5	39.9	41.4	41.5	41.5	41.8	42.1	42.4	43.1
≥ 10000	24.4	29.7	32.1	33.3	35.8	36.2	39.4	41.5	42.0	43.6	43.7	43.7	44.0	44.5	44.7	45.7
≥ 9000	24.7	30.1	32.5	34.0	36.6	36.9	40.1	42.4	42.9	44.5	44.6	44.6	44.9	45.7	46.0	47.0
≥ 8000	26.8	33.0	35.4	37.1	40.1	40.6	44.1	46.5	47.1	48.7	48.8	48.8	49.1	49.9	50.2	51.2
≥ 7000	27.4	33.6	36.1	37.7	40.9	41.4	44.9	47.5	48.1	49.7	49.8	49.8	50.1	50.9	51.2	52.2
≥ 6000	27.4	33.6	36.2	37.8	41.1	41.6	45.1	47.7	48.3	49.9	50.1	50.1	50.3	51.2	51.4	52.4
≥ 5000	27.9	35.1	38.0	39.7	43.2	43.7	47.3	49.9	50.7	52.3	52.4	52.4	52.7	53.5	53.8	54.8
≥ 4500	28.7	36.2	39.2	40.8	44.4	44.9	48.6	51.2	52.0	53.7	53.8	53.8	54.0	54.9	55.1	56.1
≥ 4000	30.9	40.0	43.6	45.4	49.3	49.8	54.2	57.0	57.9	60.0	60.1	60.2	60.5	61.3	61.6	62.6
≥ 3500	32.1	41.9	45.7	47.5	51.7	52.2	56.6	59.5	60.5	62.6	62.7	62.8	63.1	64.1	64.3	65.3
≥ 3000	32.6	42.5	46.3	48.1	52.4	52.9	57.7	60.8	61.8	63.9	64.1	64.2	64.4	65.4	65.7	66.7
≥ 2500	33.5	43.6	47.8	50.1	54.6	55.1	60.1	63.2	64.2	66.3	66.4	66.5	66.8	67.8	68.0	69.0
≥ 2000	34.4	45.0	49.6	51.8	56.9	57.4	62.3	65.4	66.4	68.8	68.9	69.0	69.3	70.3	70.5	71.5
≥ 1800	34.8	45.4	49.9	52.3	57.5	58.0	63.1	66.3	67.3	69.8	69.9	70.0	70.3	71.3	71.5	72.5
≥ 1500	35.8	47.0	51.7	54.4	59.6	60.1	65.4	68.9	69.9	72.5	72.6	72.7	73.1	74.1	74.3	75.3
≥ 1200	36.6	48.1	53.2	56.0	61.3	62.0	67.8	71.4	72.4	75.0	75.1	75.3	75.7	76.7	77.1	78.1
≥ 1000	37.9	49.7	54.8	57.9	63.3	63.9	69.8	73.5	74.5	77.1	77.2	77.4	77.8	78.8	79.2	80.2
≥ 900	38.2	49.9	55.0	58.1	63.6	64.2	70.0	73.7	74.7	77.3	77.4	77.7	78.1	79.1	79.4	80.4
≥ 800	39.0	50.9	56.1	59.4	65.4	66.0	72.0	76.0	77.0	79.7	79.8	80.0	80.4	81.4	81.8	82.8
≥ 700	39.8	51.9	57.1	60.3	66.4	67.0	73.0	77.0	78.1	80.8	80.9	81.2	81.5	82.5	82.9	83.9
≥ 600	40.0	52.3	57.6	60.8	67.3	67.9	74.1	78.3	79.4	82.7	82.9	83.1	83.5	84.5	84.9	85.9
≥ 500	40.3	52.7	58.0	61.7	68.3	68.9	75.7	80.0	81.2	84.6	85.1	85.4	85.9	86.9	87.2	88.2
≥ 400	40.3	52.8	58.4	62.5	69.1	69.8	76.7	81.5	82.7	86.7	87.5	87.7	88.4	89.3	89.7	90.7
≥ 300	40.3	52.8	58.4	62.6	69.3	69.9	77.0	81.8	83.0	87.2	88.0	88.2	89.0	90.6	91.0	92.6
≥ 200	40.3	52.8	58.4	62.6	69.3	69.9	77.0	81.9	83.1	87.4	88.4	89.0	89.8	92.4	93.3	95.3
≥ 100	40.3	52.8	58.4	62.6	69.3	69.9	77.0	81.9	83.1	87.5	88.5	89.1	90.0	93.1	94.5	98.6
≥ 0	40.3	52.8	58.4	62.6	69.3	69.9	77.0	81.9	83.1	87.5	88.5	89.1	90.1	93.2	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 807

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 (160) HAHN AB DL 73-81 SEP

STATION STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	22.9	26.9	29.7	31.1	33.3	33.5	35.4	36.0	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.3
≥ 20000	26.8	31.0	33.7	35.7	38.1	38.3	40.5	41.4	41.4	41.4	41.7	41.8	41.8	41.8	41.8	42.0
≥ 18000	26.8	31.0	33.7	35.7	38.1	38.3	40.5	41.4	41.4	41.4	41.7	41.8	41.8	41.8	41.8	42.0
≥ 16000	26.8	31.0	33.7	35.7	38.1	38.3	40.5	41.4	41.4	41.4	41.7	41.8	41.8	41.8	41.8	42.0
≥ 14000	27.1	31.3	34.0	36.0	38.3	38.6	40.8	41.7	41.7	41.7	41.9	42.0	42.0	42.0	42.0	42.3
≥ 12000	28.4	32.8	35.6	37.6	39.9	40.2	42.5	43.4	43.4	43.4	43.6	43.8	43.8	43.8	43.9	44.3
≥ 10000	30.4	35.0	37.9	40.0	42.5	42.8	45.4	46.2	46.2	46.2	46.5	46.6	46.6	46.6	46.7	47.1
≥ 9000	31.1	35.8	39.2	41.4	43.9	44.1	46.7	47.6	47.6	47.6	47.8	48.0	48.0	48.1	48.2	48.6
≥ 8000	34.9	40.3	43.6	46.0	49.2	49.6	52.4	53.5	53.5	53.5	53.8	53.9	53.9	54.0	54.1	54.5
≥ 7000	35.4	40.8	44.3	46.6	49.9	50.3	53.2	54.3	54.3	54.3	54.5	54.6	54.6	54.8	54.9	55.3
≥ 6000	35.4	40.8	44.5	46.8	50.3	50.7	53.6	55.0	55.0	55.0	55.3	55.4	55.4	55.5	55.6	56.0
≥ 5000	36.2	42.5	46.8	49.2	52.8	53.2	56.1	57.5	57.5	57.5	57.7	57.8	57.8	58.0	58.1	58.5
≥ 4500	36.5	42.8	47.2	49.6	53.6	54.0	57.0	58.3	58.5	58.5	58.7	58.8	58.8	59.0	59.1	59.5
≥ 4000	38.1	45.2	50.2	52.8	57.2	57.6	60.7	62.1	62.2	62.3	62.5	62.7	62.7	62.9	63.0	63.4
≥ 3500	40.3	47.6	52.8	55.4	60.1	60.4	63.8	65.1	65.3	65.4	65.6	65.8	65.8	66.0	66.1	66.5
≥ 3000	41.2	48.6	53.9	56.6	62.5	62.9	66.3	67.6	67.7	68.0	68.2	68.5	68.5	68.7	68.9	69.2
≥ 2500	42.5	50.4	55.7	58.8	64.8	65.1	68.5	69.8	70.0	70.2	70.5	70.7	70.7	71.0	71.1	71.4
≥ 2000	45.5	53.6	59.0	62.1	68.4	68.7	72.2	73.7	73.8	74.0	74.3	74.5	74.5	74.8	74.9	75.3
≥ 1800	46.0	54.1	59.5	62.5	68.9	69.2	72.7	74.2	74.3	74.5	74.8	75.0	75.0	75.3	75.4	75.8
≥ 1500	49.1	57.6	62.9	66.1	72.6	73.1	77.0	78.6	78.7	79.2	79.6	79.9	79.9	80.1	80.2	80.6
≥ 1200	51.2	60.1	65.5	68.9	76.1	76.6	80.6	82.2	82.3	82.8	83.2	83.4	83.4	83.7	83.8	84.2
≥ 1000	52.9	61.9	67.5	71.0	78.9	79.4	83.6	85.4	85.7	86.2	86.5	86.8	86.8	87.0	87.1	87.5
≥ 900	53.0	62.2	67.7	71.2	79.2	79.7	83.9	85.8	86.0	86.5	86.9	87.1	87.1	87.4	87.5	87.9
≥ 800	53.8	63.5	69.1	72.7	80.7	81.2	85.7	87.6	87.9	88.4	88.8	89.0	89.0	89.2	89.4	89.7
≥ 700	53.9	63.8	69.3	72.9	81.2	81.7	86.4	88.6	88.9	89.4	89.7	90.0	90.0	90.2	90.4	90.7
≥ 600	53.9	63.9	69.5	73.2	81.5	82.0	87.0	89.4	89.6	90.6	91.0	91.2	91.2	91.5	91.6	92.0
≥ 500	54.0	64.4	70.0	73.7	82.2	82.8	88.0	90.7	91.0	92.3	92.7	93.1	93.1	93.3	93.6	94.1
≥ 400	54.0	64.5	70.1	73.8	82.4	83.1	88.5	91.3	91.6	93.2	93.6	94.1	94.1	94.3	94.6	95.1
≥ 300	54.0	64.5	70.1	73.8	82.7	83.3	88.9	92.0	92.3	93.9	94.9	95.4	95.4	95.9	96.3	96.8
≥ 200	54.1	64.6	70.2	73.9	82.8	83.4	89.0	92.2	92.7	94.6	95.8	96.3	96.3	97.0	97.5	98.5
≥ 100	54.1	64.6	70.2	73.9	82.8	83.4	89.0	92.2	92.8	94.8	96.0	96.5	96.5	97.4	98.0	100.0
≥ 0	54.1	64.6	70.2	73.9	82.8	83.4	89.0	92.2	92.8	94.8	96.0	96.5	96.5	97.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	25.3	31.7	33.3	34.1	34.7	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 20000	30.6	38.0	39.6	40.4	41.0	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 18000	31.1	38.6	40.2	41.0	41.6	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 16000	31.1	38.6	40.2	41.0	41.6	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000	31.2	38.8	40.4	41.1	41.7	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 12000	32.2	39.9	41.6	42.3	43.0	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 10000	34.1	42.2	44.0	44.7	45.6	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	35.6	44.1	45.8	46.5	47.5	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 8000	38.6	47.5	49.4	50.2	51.7	51.7	52.0	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 7000	39.8	48.6	50.5	51.4	52.8	52.8	53.1	53.2	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 6000	40.4	49.3	51.1	52.0	53.5	53.5	53.7	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 5000	41.4	50.5	52.3	53.3	54.8	54.8	55.1	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 4500	42.1	51.4	53.2	54.2	55.7	55.7	55.9	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 4000	45.7	56.3	58.5	59.5	61.2	61.2	61.9	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 3500	49.0	59.9	62.1	63.1	64.8	64.9	65.6	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3000	52.8	64.7	67.2	68.4	70.7	70.9	71.9	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2500	57.0	69.1	71.9	73.2	75.6	75.7	76.7	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	60.2	73.0	75.7	77.0	79.5	79.6	80.7	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1800	60.6	73.6	76.3	77.7	80.1	80.2	81.4	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	63.5	76.8	79.5	80.9	83.5	83.6	84.7	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1200	66.4	80.0	83.2	84.6	87.9	88.0	89.3	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	67.7	81.5	84.7	86.2	90.2	90.4	91.9	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	67.7	81.6	84.8	86.3	90.5	90.6	92.1	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	68.0	82.2	85.6	87.4	91.9	92.0	93.7	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	68.1	82.3	85.7	87.5	92.5	92.6	94.4	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	68.3	82.5	85.8	87.7	92.6	92.7	94.8	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	68.3	82.5	85.9	87.8	93.3	93.5	95.8	96.7	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2
≥ 400	68.3	82.5	86.0	87.9	93.5	93.6	95.9	97.3	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3
≥ 300	68.3	82.5	86.0	88.0	93.6	93.7	96.0	97.5	98.1	98.5	98.8	98.9	98.9	98.9	98.9	98.9
≥ 200	68.3	82.5	86.0	88.0	93.6	93.7	96.0	97.5	98.1	98.5	98.8	98.9	98.9	99.0	99.1	99.4
≥ 100	68.3	82.5	86.0	88.0	93.6	93.7	96.0	97.5	98.3	98.6	98.9	99.0	99.0	99.4	99.8	100.0
≥ 0	68.3	82.5	86.0	88.0	93.6	93.7	96.0	97.5	98.3	98.6	98.9	99.0	99.0	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	27.4	31.9	33.0	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 20000	36.8	42.7	44.1	44.4	44.6	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 18000	37.5	43.6	44.9	45.3	45.4	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 16000	37.5	43.6	44.9	45.3	45.4	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 14000	38.0	44.2	45.6	45.9	46.0	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 12000	39.0	45.2	46.5	46.9	47.0	47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 10000	41.2	47.5	49.0	49.4	49.6	49.6	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 9000	42.7	49.4	50.9	51.4	51.6	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 8000	46.5	53.3	55.1	55.7	55.9	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 7000	47.8	54.7	56.4	57.0	57.3	57.3	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 6000	48.4	55.3	57.0	57.7	57.9	57.9	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 5000	50.6	58.4	60.1	60.7	61.2	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 4500	53.2	61.4	63.1	63.7	64.2	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4000	58.4	67.2	69.4	70.1	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3500	62.7	71.9	74.1	74.9	75.8	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	67.9	78.3	80.5	81.5	82.5	82.5	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	69.4	80.1	82.3	83.7	84.8	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	71.2	82.3	84.7	86.2	87.4	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	72.1	83.2	85.6	87.0	88.3	88.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	73.6	85.1	87.5	89.0	90.7	90.7	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	74.9	86.8	89.3	90.9	92.6	92.6	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	75.2	87.2	89.8	91.5	93.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	75.2	87.2	89.8	91.5	93.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	75.4	87.4	90.0	91.7	94.0	94.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	75.4	87.7	90.2	92.1	94.3	94.3	95.2	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	75.4	87.7	90.2	92.1	94.7	94.7	95.7	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	75.4	87.8	90.4	92.2	94.9	94.9	96.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	75.4	87.8	90.5	92.3	95.3	95.3	97.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	75.4	87.8	90.5	92.3	95.3	95.3	97.3	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1
≥ 200	75.4	87.8	90.5	92.3	95.3	95.3	97.4	99.0	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.6
≥ 100	75.4	87.8	90.5	92.3	95.3	95.3	97.4	99.0	99.0	99.1	99.4	99.5	99.6	100.0	100.0	100.0
≥ 0	75.4	87.8	90.5	92.3	95.3	95.3	97.4	99.0	99.0	99.1	99.4	99.5	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥1 4	≥1	≥ 4	≥ 1	≥	≥5 16	≥ 4	≥
NO CEILING	29.8	35.2	37.9	38.1	39.6	39.6	40.2	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 20000	37.4	44.2	47.2	47.7	50.2	50.5	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	37.7	44.6	47.8	48.3	50.9	51.1	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 16000	37.8	44.7	47.9	48.4	51.0	51.2	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 14000	38.3	45.2	48.4	48.9	51.5	51.7	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 12000	39.9	47.0	50.5	51.0	53.6	53.8	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 10000	41.9	49.4	52.8	53.5	56.0	56.3	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000	44.2	51.7	55.3	56.0	58.6	59.1	60.2	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	49.9	57.7	61.6	62.6	65.4	66.0	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000	51.7	59.6	63.6	64.6	67.5	68.1	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	51.9	59.8	63.7	64.7	67.7	68.3	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 5000	55.2	63.6	67.5	68.5	71.6	72.2	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	55.8	64.6	68.6	69.6	72.7	73.3	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	59.9	69.0	73.5	74.4	77.9	78.5	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	62.3	71.5	76.0	77.0	80.6	81.4	82.8	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	63.8	73.2	77.8	78.8	82.5	83.2	84.7	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	65.4	75.2	80.1	81.2	85.6	86.3	87.8	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	66.7	76.8	82.1	83.3	87.8	88.5	90.0	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	67.0	77.4	82.7	84.0	88.4	89.1	90.6	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	67.7	78.1	83.5	84.7	89.5	90.2	91.9	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	68.6	79.5	84.9	86.2	91.0	91.7	93.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	69.0	80.1	85.8	87.0	91.9	92.6	94.3	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	69.1	80.2	85.9	87.2	92.3	93.1	94.9	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	69.3	80.4	86.0	87.3	92.6	93.3	95.3	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	69.3	80.4	86.0	87.3	92.6	93.3	95.3	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	69.3	80.4	86.0	87.3	92.6	93.3	95.3	96.4	96.4	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 500	69.3	80.4	86.0	87.3	92.6	93.3	95.4	96.8	96.8	97.5	97.5	97.5	97.7	97.7	97.7	97.7
≥ 400	69.3	80.4	86.0	87.5	93.0	93.7	96.0	97.4	97.4	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 300	69.3	80.4	86.0	87.5	93.0	93.7	96.0	97.4	97.4	98.3	98.3	98.3	98.4	98.5	98.5	98.5
≥ 200	69.3	80.4	86.0	87.5	93.0	93.7	96.2	97.5	97.5	98.6	98.6	98.8	98.9	99.3	99.3	99.3
≥ 100	69.3	80.4	86.0	87.5	93.0	93.7	96.2	97.5	97.5	98.6	98.6	98.8	99.0	99.5	99.5	99.8
≥ 0	69.3	81.4	86.0	87.5	93.0	93.7	96.2	97.5	97.5	98.6	98.8	98.9	99.1	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	2	1½	1	¾	½	¼	0	0	0	0
NO CEILING	36.1	41.7	45.9	47.3	49.9	49.9	51.2	51.4	51.5	51.9	51.9	52.0	52.0	52.0	52.0	52.0	
≥ 20000	39.5	45.8	50.4	52.0	55.	55.2	56.9	57.1	57.2	57.5	57.5	57.7	57.7	57.7	57.7	57.7	
≥ 18000	39.6	45.9	50.5	52.1	55.3	55.3	57.1	57.2	57.3	57.7	57.7	57.8	57.8	57.8	57.8	57.8	
≥ 16000	39.7	46.0	50.6	52.2	55.4	55.4	57.2	57.3	57.4	57.8	57.8	57.9	57.9	57.9	57.9	57.9	
≥ 14000	40.3	46.7	51.2	52.8	56.1	56.1	57.8	57.9	58.0	58.4	58.4	58.5	58.5	58.5	58.5	58.5	
≥ 12000	41.0	47.6	52.4	54.0	57.2	57.2	58.9	59.0	59.2	59.5	59.5	59.7	59.7	59.7	59.7	59.7	
≥ 10000	42.0	49.1	54.1	55.8	59.0	59.0	60.8	60.9	61.0	61.4	61.4	61.5	61.5	61.5	61.5	61.5	
≥ 9000	42.3	49.5	54.5	56.2	59.7	59.7	61.9	62.0	62.1	62.5	62.5	62.6	62.6	62.6	62.6	62.6	
≥ 8000	44.7	52.1	57.8	59.5	63.2	63.2	65.6	65.7	65.8	66.5	66.5	66.6	66.7	66.7	66.7	66.7	
≥ 7000	45.5	53.0	58.7	60.6	64.4	64.4	66.7	66.8	67.0	67.6	67.6	67.7	67.8	67.8	67.8	67.8	
≥ 6000	46.2	54.0	59.7	61.6	65.3	65.3	67.7	67.8	67.9	68.6	68.6	68.7	68.8	68.8	68.8	68.8	
≥ 5000	48.5	56.9	62.7	64.7	68.6	68.6	70.9	71.0	71.2	71.8	71.8	71.9	72.0	72.0	72.0	72.0	
≥ 4500	49.1	58.0	64.0	66.0	69.8	69.8	72.2	72.3	72.4	73.0	73.0	73.1	73.3	73.3	73.3	73.3	
≥ 4000	53.6	62.9	69.2	71.3	75.1	75.1	77.6	77.8	78.0	78.6	78.6	78.7	78.8	78.8	78.8	78.8	
≥ 3500	54.8	64.7	71.2	73.4	77.4	77.4	80.2	80.4	80.6	81.3	81.3	81.4	81.6	81.6	81.6	81.6	
≥ 3000	56.4	66.6	73.4	75.9	80.2	80.2	83.0	83.5	83.7	84.4	84.4	84.5	84.7	84.7	84.7	84.7	
≥ 2500	57.4	67.8	74.8	77.2	81.6	81.6	84.5	85.1	85.3	86.0	86.0	86.1	86.3	86.3	86.3	86.3	
≥ 2000	58.8	69.2	76.1	78.7	83.4	83.4	86.4	87.0	87.1	87.9	87.9	88.0	88.1	88.1	88.1	88.1	
≥ 1800	59.3	69.7	76.6	79.2	84.0	84.0	87.0	87.6	87.7	88.5	88.5	88.6	88.7	88.7	88.7	88.7	
≥ 1500	60.0	70.4	77.5	80.3	85.6	85.6	88.7	89.5	89.7	90.6	90.6	90.7	90.8	90.8	90.8	90.8	
≥ 1200	60.5	70.9	78.0	80.8	86.5	86.5	89.9	90.7	91.0	91.8	91.8	92.0	92.1	92.1	92.1	92.1	
≥ 1000	61.4	72.0	79.2	82.1	88.0	88.0	91.5	92.3	92.6	93.4	93.4	93.6	93.7	93.7	93.7	93.7	
≥ 900	61.5	72.2	79.3	82.3	88.2	88.2	91.7	92.6	92.8	93.7	93.7	93.8	93.9	93.9	93.9	93.9	
≥ 800	61.5	72.3	79.5	82.5	88.5	88.5	92.0	92.8	93.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	
≥ 700	61.8	72.8	80.0	83.2	89.1	89.1	92.6	93.6	93.8	94.8	94.8	94.9	95.0	95.0	95.0	95.0	
≥ 600	62.1	73.	80.4	83.7	89.6	89.6	93.1	94.3	94.6	95.5	95.5	96.0	96.3	96.3	96.3	96.3	
≥ 500	62.1	73.3	80.4	83.7	89.6	89.6	93.1	94.4	94.7	96.0	96.2	96.8	97.0	97.0	97.0	97.0	
≥ 400	62.1	73.3	80.4	83.7	89.9	89.9	93.6	95.0	95.3	96.7	96.8	97.4	97.6	97.6	97.6	97.6	
≥ 300	62.1	73.3	80.4	83.7	89.9	90.0	93.8	95.4	95.7	97.0	97.3	98.0	98.3	98.3	98.3	98.3	
≥ 200	62.1	73.3	80.4	83.7	90.0	90.1	93.9	95.5	95.8	97.3	97.8	98.5	99.0	99.0	99.0	99.0	
≥ 100	62.1	73.3	80.4	83.7	90.0	90.1	93.9	95.5	95.8	97.4	97.9	98.6	99.1	99.1	99.1	99.6	
≥ 0	62.1	73.3	80.4	83.7	90.0	90.1	93.9	95.5	95.8	97.4	97.9	98.6	99.1	99.1	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 808

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/6	≥	≥
NO CEILING	27.9	33.2	35.7	36.7	38.7	39.0	40.4	41.0	41.1	41.5	41.6	41.7	41.7	41.9	41.9	42.1
≥ 20000	32.2	38.2	41.1	42.2	44.6	44.9	46.6	47.3	47.4	47.9	48.0	48.0	48.1	48.3	48.3	48.5
≥ 18000	32.4	38.5	41.4	42.5	44.9	45.3	47.0	47.6	47.7	48.2	48.3	48.3	48.4	48.6	48.6	48.8
≥ 16000	32.5	38.6	41.4	42.6	45.0	45.3	47.0	47.7	47.8	48.3	48.4	48.4	48.5	48.6	48.7	48.9
≥ 14000	32.8	38.9	41.7	42.9	45.3	45.6	47.3	48.0	48.1	48.6	48.7	48.7	48.8	48.9	49.0	49.2
≥ 12000	33.6	39.9	42.9	44.1	46.5	46.8	48.6	49.2	49.4	49.9	50.0	50.0	50.1	50.2	50.3	50.5
≥ 10000	35.1	41.6	44.6	45.8	48.4	48.7	50.6	51.2	51.4	51.9	52.0	52.1	52.1	52.3	52.4	52.6
≥ 9000	36.0	42.7	45.8	47.1	49.7	50.1	52.0	52.7	52.9	53.4	53.5	53.6	53.6	53.9	54.0	54.2
≥ 8000	39.3	46.0	49.4	50.9	53.9	54.4	56.4	57.2	57.3	57.9	58.0	58.1	58.1	58.5	58.5	58.8
≥ 7000	39.9	47.0	50.4	51.9	55.0	55.4	57.5	58.3	58.5	59.0	59.1	59.2	59.3	59.6	59.7	59.9
≥ 6000	41.4	47.5	51.0	52.5	55.6	56.1	58.1	58.9	59.1	59.7	59.8	59.8	59.9	60.2	60.3	60.5
≥ 5000	42.0	49.8	53.4	54.9	58.2	58.7	60.8	61.6	61.8	62.4	62.5	62.5	62.6	62.9	63.0	63.2
≥ 4500	43.0	51.0	54.7	56.3	59.6	60.1	62.2	63.0	63.3	63.8	64.0	64.0	64.1	64.4	64.5	64.7
≥ 4000	46.6	55.6	59.7	61.3	65.0	65.5	67.8	68.7	68.9	69.6	69.7	69.8	69.9	70.2	70.3	70.5
≥ 3500	48.9	58.3	62.5	64.2	68.0	68.5	71.2	72.1	72.4	73.0	73.1	73.2	73.3	73.6	73.7	73.9
≥ 3000	50.9	60.8	65.1	66.9	71.1	71.6	74.4	75.4	75.6	76.3	76.5	76.5	76.6	76.9	77.0	77.3
≥ 2500	52.5	62.6	67.1	69.1	73.5	74.0	76.8	77.9	78.1	78.8	78.9	79.0	79.1	79.4	79.5	79.7
≥ 2000	54.1	64.6	69.1	71.3	75.9	76.4	79.2	80.3	80.6	81.3	81.4	81.5	81.6	81.9	82.0	82.2
≥ 1800	54.6	65.1	69.7	71.8	76.5	77.0	79.8	80.9	81.2	82.0	82.1	82.1	82.2	82.6	82.6	82.9
≥ 1500	56.1	66.8	71.5	73.8	78.7	79.2	82.2	83.4	83.7	84.5	84.7	84.7	84.8	85.2	85.3	85.5
≥ 1200	57.4	68.4	73.3	75.7	80.9	81.5	84.6	85.9	86.2	87.1	87.2	87.3	87.4	87.7	87.8	88.0
≥ 1000	58.3	69.5	74.5	76.9	82.5	83.0	86.3	87.7	88.0	88.9	89.0	89.1	89.2	89.6	89.7	89.9
≥ 900	58.3	69.6	74.6	77.1	82.7	83.2	86.5	87.9	88.3	89.2	89.3	89.4	89.5	89.8	89.9	90.1
≥ 800	58.7	70.2	75.2	77.8	83.6	84.1	87.5	89.1	89.4	90.3	90.5	90.6	90.7	91.0	91.1	91.3
≥ 700	58.9	70.5	75.5	78.2	84.1	84.7	88.1	89.7	90.1	91.0	91.2	91.3	91.4	91.7	91.8	92.0
≥ 600	59.0	70.7	75.7	78.4	84.5	85.1	88.8	90.5	90.9	92.0	92.1	92.4	92.5	92.8	92.9	93.2
≥ 500	59.0	70.8	75.9	78.6	84.9	85.5	89.4	91.3	91.7	93.0	93.2	93.5	93.7	94.0	94.2	94.4
≥ 400	59.0	70.8	76.0	78.8	85.2	85.9	90.0	92.3	92.7	94.2	94.4	94.8	95.0	95.3	95.5	95.7
≥ 300	59.1	70.9	76.0	78.8	85.4	86.0	90.3	92.7	93.2	94.8	95.2	95.6	95.8	96.3	96.5	96.8
≥ 200	59.1	70.9	76.0	78.9	85.5	86.1	90.4	93.0	93.6	95.4	95.9	96.4	96.8	97.6	97.9	98.4
≥ 100	59.1	70.9	76.1	78.9	85.5	86.2	90.5	93.1	93.7	95.5	96.0	96.6	97.0	98.0	98.4	99.6
≥ 0	59.1	70.9	76.1	78.9	85.5	86.2	90.5	93.1	93.7	95.5	96.0	96.6	97.0	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6472

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

: 6152 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥1/4	≥1/2	≥	≥	≥	≥5/16	≥	≥
NO CEILING	17.3	21.9	25.4	26.2	29.0	29.2	31.2	33.2	33.2	34.2	34.4	34.4	34.9	35.9	36.0	36.1
≥ 20000	19.7	24.3	27.9	28.8	31.8	32.0	34.2	36.5	36.5	37.4	37.8	37.8	38.3	39.2	39.4	39.5
≥ 18000	19.7	24.3	27.9	28.8	31.8	32.0	34.2	36.5	36.5	37.4	37.8	37.8	38.3	39.2	39.4	39.5
≥ 6000	19.7	24.3	27.9	28.8	31.8	32.0	34.2	36.5	36.5	37.4	37.8	37.8	38.3	39.2	39.4	39.5
≥ 4000	19.7	24.3	27.9	28.8	31.8	32.0	34.2	36.5	36.5	37.4	37.8	37.8	38.3	39.2	39.4	39.5
≥ 2000	20.0	24.5	28.2	29.0	32.0	32.3	34.4	36.7	36.7	37.7	38.0	38.0	38.5	39.5	39.6	39.7
≥ 1000	20.3	24.9	28.5	29.4	32.6	32.9	35.0	37.3	37.3	38.3	38.6	38.6	39.1	40.1	40.2	40.3
≥ 900	20.6	25.4	29.1	30.0	33.3	33.6	36.1	38.4	38.4	39.4	39.8	39.8	40.3	41.3	41.4	41.5
≥ 800	22.0	27.0	30.7	31.5	35.3	35.5	38.3	40.7	40.7	41.6	42.1	42.1	42.6	43.6	43.7	43.8
≥ 700	22.5	27.4	31.2	32.0	35.7	36.0	38.7	41.2	41.2	42.2	42.7	42.7	43.2	44.2	44.3	44.4
≥ 600	22.6	27.8	31.5	32.4	36.1	36.3	39.1	41.5	41.5	42.6	43.1	43.1	43.6	44.5	44.6	44.8
≥ 500	23.1	28.3	32.0	32.9	36.6	36.8	39.7	42.1	42.2	43.3	43.8	43.8	44.3	45.2	45.4	45.5
≥ 4500	24.1	29.5	33.7	34.5	38.3	38.5	41.4	43.8	44.0	45.2	45.7	45.7	46.2	47.2	47.3	47.4
≥ 4000	26.5	33.0	37.4	38.7	42.7	43.0	46.0	48.5	48.7	49.9	50.4	50.4	50.9	51.9	52.0	52.1
≥ 3500	27.3	34.1	38.5	40.1	44.2	44.4	47.8	50.3	50.5	51.7	52.2	52.2	52.7	53.7	53.8	53.9
≥ 3000	29.1	36.2	40.9	42.5	46.7	46.9	50.3	52.9	53.2	54.4	54.9	54.9	55.4	56.3	56.4	56.6
≥ 2500	29.7	37.1	41.9	43.6	47.9	48.1	51.9	54.5	54.8	56.0	56.4	56.4	56.9	57.9	58.0	58.1
≥ 2000	30.2	37.7	42.6	44.6	49.6	49.8	53.5	56.2	56.4	57.8	58.2	58.2	58.7	59.7	59.8	59.9
≥ 1800	30.9	38.5	43.4	45.6	50.5	50.8	54.5	57.2	57.4	58.7	59.2	59.2	59.7	60.6	60.8	60.9
≥ 1500	32.3	40.1	45.8	48.4	53.9	54.2	58.0	60.6	61.0	62.3	62.8	62.8	63.3	64.3	64.4	64.5
≥ 1200	33.6	42.4	48.1	51.0	56.7	56.9	61.3	63.9	64.3	65.7	66.2	66.2	66.7	67.6	67.7	67.9
≥ 1000	34.8	44.0	50.1	53.2	59.0	59.2	63.5	66.2	66.5	68.0	68.5	68.5	69.1	70.0	70.2	70.3
≥ 900	35.5	44.8	50.8	53.9	59.8	60.0	64.4	67.0	67.4	69.0	69.4	69.4	70.0	71.0	71.1	71.2
≥ 800	36.1	45.6	51.7	54.9	61.3	61.5	65.8	68.6	69.0	70.5	71.0	71.0	71.6	72.6	72.7	72.8
≥ 700	36.1	45.7	52.2	55.4	61.9	62.1	66.4	69.2	69.6	71.1	71.6	71.6	72.2	73.2	73.3	73.4
≥ 600	36.2	45.8	52.3	56.1	63.1	63.3	68.0	70.8	71.1	72.9	73.4	73.4	74.0	75.0	75.1	75.2
≥ 500	36.5	46.1	52.6	57.0	64.5	64.7	69.7	72.6	73.0	75.0	75.7	75.7	76.4	77.4	77.5	77.6
≥ 400	36.6	46.2	52.8	57.4	65.6	65.8	70.9	73.8	74.2	76.4	77.5	77.5	78.2	79.2	79.3	79.4
≥ 300	36.7	46.7	53.3	58.4	66.9	67.3	72.4	75.5	76.1	78.8	80.1	80.1	81.2	82.4	82.9	83.0
≥ 200	36.7	46.7	53.4	58.5	67.4	67.7	73.5	76.9	78.0	82.4	84.1	84.6	86.2	88.4	89.5	90.4
≥ 100	37.1	47.1	53.8	58.8	67.9	68.2	74.4	77.9	78.9	84.0	86.3	86.9	88.6	92.7	94.6	97.4
≥ 0	37.1	47.1	53.8	58.8	67.9	68.2	74.5	78.0	79.1	84.1	86.4	87.0	88.8	93.0	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 831

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	13.4	15.5	17.1	18.4	20.7	21.1	22.2	24.0	24.0	26.9	27.6	28.1	29.2	29.9	30.6	31.3
≥ 20000	14.9	17.2	18.9	20.2	22.7	23.0	24.5	26.5	26.5	29.5	30.2	30.7	31.8	32.5	33.3	34.0
≥ 18000	14.9	17.2	18.9	20.2	22.7	23.0	24.5	26.5	26.5	29.5	30.2	30.7	31.8	32.5	33.3	34.0
≥ 16000	14.9	17.2	18.9	20.2	22.7	23.0	24.5	26.5	26.5	29.5	30.2	30.7	31.8	32.5	33.3	34.0
≥ 14000	14.9	17.2	18.9	20.2	22.7	23.0	24.5	26.5	26.5	29.5	30.2	30.7	31.8	32.5	33.3	34.0
≥ 12000	15.5	17.8	19.5	20.8	23.3	23.6	25.1	27.1	27.1	30.1	30.8	31.3	32.4	33.1	33.9	34.6
≥ 10000	16.1	18.6	20.5	21.8	24.7	25.1	26.5	28.6	28.6	31.7	32.4	32.9	34.0	34.7	35.4	36.1
≥ 9000	16.1	19.2	21.3	22.7	25.5	25.9	27.3	29.4	29.4	32.5	33.4	33.9	34.9	35.7	36.4	37.1
≥ 8000	16.7	19.9	22.2	23.5	26.4	26.7	28.6	30.8	30.8	34.0	34.8	35.4	36.5	37.2	38.0	38.7
≥ 7000	16.7	20.0	22.3	23.6	26.5	26.9	28.7	31.0	31.0	34.1	34.9	35.5	36.6	37.3	38.1	38.8
≥ 6000	16.7	20.0	22.4	23.7	26.6	27.0	28.8	31.1	31.1	34.2	35.1	35.7	36.7	37.5	38.2	38.9
≥ 5000	17.2	20.5	22.9	24.2	27.1	27.5	29.3	31.7	31.7	34.8	35.7	36.3	37.3	38.1	38.8	39.5
≥ 4500	17.7	21.3	23.7	25.1	28.2	28.6	30.4	32.8	32.8	35.9	36.7	37.3	38.6	39.3	40.0	40.7
≥ 4000	21.6	25.7	28.8	30.5	33.6	34.0	36.4	38.9	38.9	42.3	43.1	43.7	44.9	45.7	46.4	47.1
≥ 3500	22.5	27.0	30.2	31.9	35.3	35.8	38.3	41.0	41.0	44.3	45.2	45.8	47.0	47.7	48.4	49.2
≥ 3000	25.4	30.2	33.6	35.3	38.8	39.3	41.9	44.7	44.7	48.2	49.0	49.6	50.8	51.6	52.3	53.0
≥ 2500	25.7	30.7	34.7	36.5	40.1	40.7	43.5	46.3	46.3	49.8	50.6	51.2	52.4	53.1	53.9	54.6
≥ 2000	26.9	32.2	36.6	38.6	42.2	42.8	45.5	48.3	48.3	51.9	52.8	53.4	54.6	55.3	56.0	56.7
≥ 1800	27.0	32.4	36.9	38.8	42.4	43.0	45.8	48.6	48.6	52.2	53.0	53.6	54.8	55.5	56.3	57.0
≥ 1500	27.8	34.1	39.2	41.2	44.9	45.5	48.3	51.1	51.1	54.8	55.7	56.3	57.5	58.2	58.9	59.8
≥ 1200	30.4	37.0	42.3	44.7	48.4	49.0	51.8	54.6	54.6	58.3	59.2	59.8	61.0	61.7	62.4	63.3
≥ 1000	31.1	38.1	43.4	46.1	50.4	51.0	54.0	56.7	57.0	60.7	61.6	62.2	63.4	64.1	64.8	65.7
≥ 900	31.3	38.4	43.7	46.6	51.1	51.7	54.7	57.5	57.7	61.4	62.3	62.9	64.1	64.8	65.5	66.4
≥ 800	31.8	39.2	44.5	48.7	53.4	54.0	57.0	59.8	60.0	63.7	64.6	65.2	66.4	67.1	67.8	68.7
≥ 700	32.3	39.5	45.1	49.4	54.5	55.1	58.3	61.1	61.3	65.1	65.9	66.5	67.7	68.4	69.2	70.0
≥ 600	32.2	40.0	45.5	50.0	55.4	56.0	59.4	62.3	62.5	66.5	67.3	68.0	69.2	69.9	70.6	71.4
≥ 500	32.2	40.1	45.7	50.2	56.6	57.2	60.7	64.0	64.5	68.9	69.9	70.5	71.7	72.7	73.4	74.2
≥ 400	32.2	40.2	45.8	50.5	57.5	58.3	62.3	65.5	66.3	70.7	71.7	72.3	73.5	74.6	75.3	76.1
≥ 300	32.3	40.5	46.0	50.7	58.6	59.5	64.2	67.6	68.6	73.9	74.8	75.5	77.0	78.7	79.8	80.6
≥ 200	32.7	41.0	46.6	51.3	59.4	60.4	65.2	68.9	70.2	76.4	77.5	78.6	80.4	84.3	86.0	87.1
≥ 100	32.7	41.0	46.6	51.4	59.8	60.7	65.7	69.8	71.1	78.2	79.5	80.8	83.1	88.7	92.0	96.4
≥ 0	32.7	41.0	46.6	51.4	59.8	60.7	65.7	69.8	71.1	78.2	79.5	80.8	83.1	89.5	93.4	100.0

TOTAL NUMBER OF OBSERVATIONS 830

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥7	≥1	≥1	2	2	2	2	2 6	2	2
NO CEILING	8.5	11.8	12.2	13.6	15.1	15.1	15.7	16.4	17.2	18.4	18.9	19.1	19.6	20.7	21.4	22.4
≥ 20000	9.7	13.1	13.9	15.5	17.3	17.3	18.1	19.0	19.7	20.9	21.4	21.7	22.3	23.4	24.6	25.7
≥ 18000	9.7	13.1	13.9	15.5	17.3	17.3	18.1	19.0	19.7	20.9	21.4	21.7	22.3	23.4	24.6	25.7
≥ 16000	9.9	13.3	14.0	15.6	17.4	17.4	18.2	19.1	19.8	21.0	21.5	21.8	22.4	23.5	24.7	25.8
≥ 14000	9.9	13.3	14.0	15.6	17.4	17.4	18.2	19.1	19.8	21.0	21.5	21.8	22.4	23.5	24.7	25.8
≥ 12000	10.2	13.6	14.4	15.9	17.9	17.9	18.7	19.6	20.3	21.7	22.1	22.4	23.0	24.1	25.3	26.5
≥ 10000	10.8	14.4	15.2	16.8	19.0	19.0	20.0	20.8	21.5	22.9	23.4	23.6	24.3	25.4	26.8	28.0
≥ 9000	10.9	14.5	15.5	17.0	19.2	19.2	20.2	21.0	21.8	23.2	23.7	24.0	24.7	25.8	27.1	28.3
≥ 8000	11.7	15.2	16.5	18.1	20.6	20.6	21.9	23.1	23.8	25.4	25.9	26.2	26.9	28.0	29.3	30.5
≥ 7000	12.3	15.6	16.9	16.5	20.9	20.9	22.3	23.5	24.2	25.9	26.4	26.6	27.4	28.5	29.8	31.1
≥ 6000	12.2	15.7	17.0	18.6	21.0	21.0	22.4	23.6	24.3	26.0	26.5	26.8	27.5	28.6	29.9	31.3
≥ 5000	12.9	16.7	18.0	19.6	22.0	22.0	23.4	24.6	25.3	27.0	27.5	27.7	28.5	29.7	31.0	32.4
≥ 4500	13.1	17.2	18.5	20.1	22.9	22.9	24.7	25.9	26.6	28.5	29.0	29.3	30.2	31.4	32.7	34.1
≥ 4000	15.2	19.8	21.4	23.1	25.9	25.9	28.0	29.2	29.9	31.8	32.2	32.6	33.5	34.7	36.0	37.3
≥ 3500	15.9	20.8	22.4	24.3	27.3	27.3	29.3	30.7	31.6	33.5	33.9	34.3	35.2	36.4	37.7	39.1
≥ 3000	17.9	23.4	25.1	27.0	30.2	30.2	32.6	33.9	34.9	37.0	37.5	37.8	38.7	39.9	41.2	42.6
≥ 2500	18.7	24.5	26.4	28.5	32.1	32.1	34.7	36.1	37.1	39.2	39.7	40.0	40.9	42.1	43.4	44.8
≥ 2000	20.1	26.4	28.5	30.5	34.2	34.2	36.9	38.4	39.4	41.7	42.2	42.6	43.4	44.8	46.1	47.4
≥ 1800	20.7	27.0	29.2	31.3	34.9	34.9	37.7	39.3	40.3	42.6	43.1	43.4	44.3	45.6	47.0	48.3
≥ 1500	22.5	29.6	32.8	35.2	39.2	39.2	42.1	43.7	44.9	47.3	47.8	48.2	49.0	50.4	51.7	53.0
≥ 1200	24.3	31.9	35.4	38.0	42.1	42.1	45.1	46.7	47.9	50.4	50.9	51.2	52.1	53.4	54.7	56.1
≥ 1000	25.2	33.0	36.7	39.7	44.4	44.4	47.4	49.0	50.5	52.9	53.4	53.8	54.6	56.0	57.5	58.9
≥ 900	25.3	33.2	37.0	40.0	44.8	44.9	47.9	49.5	51.0	53.4	53.9	54.3	55.1	56.4	58.0	59.4
≥ 800	25.7	33.8	37.8	41.1	46.2	46.5	49.8	51.7	53.2	55.7	56.2	56.6	57.4	59.0	60.6	61.9
≥ 700	26.3	34.8	39.1	42.6	48.1	48.3	51.6	53.5	55.0	57.7	58.2	58.5	59.6	61.2	62.8	64.1
≥ 600	26.9	35.8	40.3	44.0	49.6	49.9	53.3	55.4	56.8	59.9	60.5	60.8	61.9	63.5	65.1	66.4
≥ 500	27.1	36.3	40.8	44.8	50.9	51.2	55.5	57.8	59.5	62.9	63.5	63.9	65.1	66.7	68.2	69.6
≥ 400	27.3	36.4	41.1	45.1	51.6	52.1	56.9	59.7	61.6	65.2	65.8	66.2	67.4	69.1	70.7	72.0
≥ 300	27.3	36.4	41.1	45.3	51.8	52.3	57.5	60.9	63.1	67.6	68.5	69.1	70.7	73.5	75.8	77.4
≥ 200	27.5	36.6	41.4	45.5	52.3	52.8	58.5	62.2	65.0	70.6	71.7	72.4	75.4	79.9	83.6	85.6
≥ 100	27.5	36.6	41.4	45.5	52.3	52.8	58.5	62.3	65.2	71.0	72.4	73.2	76.9	83.7	89.3	95.9
≥ 0	27.5	36.6	41.4	45.5	52.3	52.8	58.5	62.3	65.2	71.0	72.4	73.2	76.9	83.7	89.7	100.0

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	10.4	13.0	15.3	16.2	17.6	17.6	18.5	18.9	19.1	19.8	19.8	19.8	19.9	20.1	20.6	21.0
≥ 20000	12.1	15.1	17.6	18.6	20.5	20.5	21.4	21.8	22.0	22.8	22.8	22.8	22.9	23.2	23.6	24.0
≥ 18000	12.1	15.1	17.6	18.6	20.5	20.5	21.4	21.8	22.0	22.8	22.8	22.8	22.9	23.2	23.6	24.0
≥ 16000	12.1	15.1	17.6	18.6	20.5	20.5	21.4	21.8	22.0	22.9	22.9	22.9	23.0	23.3	23.8	24.1
≥ 14000	12.2	15.2	18.0	19.1	21.2	21.2	22.1	22.6	22.7	23.6	23.6	23.6	23.8	24.0	24.5	24.8
≥ 12000	12.2	15.2	18.0	19.1	21.2	21.2	22.1	22.6	22.7	23.6	23.6	23.6	23.8	24.0	24.5	24.8
≥ 10000	12.9	15.9	18.7	19.9	22.1	22.1	23.0	23.5	23.6	24.6	24.6	24.6	24.7	25.0	25.6	25.9
≥ 9000	13.6	17.2	20.1	21.4	23.5	23.5	24.6	25.1	25.2	26.2	26.2	26.2	26.3	26.5	27.1	27.5
≥ 8000	15.2	19.1	22.3	23.6	25.9	25.9	27.1	27.6	27.7	28.7	28.7	28.7	28.8	29.1	29.7	30.0
≥ 7000	15.3	19.2	22.6	24.0	26.4	26.5	27.7	28.2	28.3	29.3	29.3	29.3	29.4	29.7	30.3	30.6
≥ 6000	15.3	19.2	22.9	24.4	26.8	26.9	28.1	28.6	28.7	29.7	29.7	29.7	29.8	30.0	30.6	31.0
≥ 5000	16.0	20.0	23.8	25.3	27.9	28.0	29.4	29.9	30.0	31.0	31.0	31.0	31.1	31.4	32.0	32.3
≥ 4500	16.8	21.0	25.0	26.5	29.2	29.3	30.8	31.2	31.6	32.7	32.7	32.7	32.8	33.1	33.7	34.0
≥ 4000	19.1	23.4	27.5	29.2	32.2	32.3	33.9	34.4	34.7	35.8	35.8	35.8	35.9	36.2	36.8	37.2
≥ 3500	19.5	24.2	28.7	30.5	33.9	34.1	35.8	36.3	36.7	37.9	37.9	37.9	38.0	38.2	38.8	39.2
≥ 3000	20.3	25.2	29.8	31.8	35.2	35.5	37.4	37.9	38.2	39.4	39.4	39.4	39.6	39.9	40.5	40.9
≥ 2500	22.2	27.9	32.8	35.0	38.5	38.7	40.8	41.3	41.6	42.8	42.8	42.8	42.9	43.3	43.9	44.3
≥ 2000	24.6	30.9	36.1	38.2	42.1	42.5	44.5	45.4	45.7	46.9	46.9	46.9	47.0	47.4	48.0	48.5
≥ 1800	24.6	31.0	36.2	38.4	42.2	42.6	44.8	45.6	46.0	47.2	47.2	47.2	47.3	47.6	48.3	48.9
≥ 1500	26.4	33.7	39.3	41.6	46.1	46.6	49.0	50.2	50.5	51.7	51.9	51.9	52.0	52.4	53.0	53.7
≥ 1200	28.8	37.5	43.3	45.8	50.5	51.0	53.6	54.9	55.2	56.5	56.9	56.9	57.1	57.4	58.0	58.7
≥ 1000	30.8	40.3	46.2	48.7	53.8	54.5	57.4	58.7	59.1	60.3	60.8	60.8	60.9	61.3	61.9	62.7
≥ 900	31.4	41.0	46.9	49.5	54.5	55.2	58.1	59.5	59.8	61.0	61.5	61.5	61.6	62.0	62.6	63.6
≥ 800	31.5	42.0	48.3	50.8	56.2	57.1	61.1	61.5	61.9	63.1	63.6	63.6	63.7	64.1	64.7	65.9
≥ 700	31.7	42.5	48.7	51.4	57.3	58.3	61.5	63.1	63.4	64.7	65.1	65.3	65.5	65.9	66.5	67.7
≥ 600	32.2	43.2	49.7	52.7	59.1	60.3	63.9	65.6	66.0	67.2	67.7	67.8	68.0	68.6	69.2	70.4
≥ 500	32.4	43.7	50.5	53.9	61.0	62.4	66.9	68.9	69.6	71.2	71.8	71.9	72.1	72.9	73.5	74.7
≥ 400	32.9	44.1	51.0	54.4	62.2	63.7	68.9	71.0	72.0	73.6	74.2	74.3	74.7	75.4	76.0	77.2
≥ 300	32.9	44.1	51.0	54.6	62.7	64.4	70.2	73.2	74.3	77.2	77.8	78.2	78.9	80.5	81.3	82.8
≥ 200	33.1	44.3	51.3	54.9	63.0	64.7	70.7	74.1	75.4	79.6	80.7	81.4	82.3	85.3	87.3	90.1
≥ 100	33.1	44.3	51.3	54.9	63.0	64.7	70.7	74.1	75.4	79.9	81.5	82.6	84.0	88.1	91.0	97.0
≥ 0	33.1	44.3	51.3	54.9	63.0	64.7	70.7	74.1	75.4	80.0	81.7	82.8	84.2	88.4	91.6	100.0

TOTAL NUMBER OF OBSERVATIONS 829

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	12.9	17.6	18.8	19.9	21.1	21.1	21.4	21.5	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8
≥ 20000	16.5	22.4	23.8	24.9	26.1	26.1	26.4	26.7	26.8	26.9	26.9	26.9	27.0	27.0	27.0	27.0
≥ 18000	16.6	22.5	23.9	25.0	26.2	26.2	26.6	26.8	26.9	27.0	27.0	27.0	27.2	27.2	27.2	27.2
≥ 16000	16.6	22.5	23.9	25.0	26.2	26.2	26.6	26.8	26.9	27.0	27.0	27.0	27.2	27.2	27.2	27.2
≥ 14000	16.6	22.5	23.9	25.0	26.2	26.2	26.6	26.8	26.9	27.0	27.0	27.0	27.2	27.2	27.2	27.2
≥ 12000	16.9	22.8	24.5	25.6	26.8	26.8	27.2	27.4	27.5	27.6	27.6	27.6	27.8	27.8	27.8	27.8
≥ 10000	18.3	24.4	26.1	27.2	28.3	28.3	28.7	28.9	29.1	29.2	29.2	29.2	29.3	29.3	29.3	29.3
≥ 9000	18.8	25.2	27.3	28.3	29.5	29.5	29.9	30.1	30.3	30.4	30.4	30.4	30.5	30.5	30.5	30.5
≥ 8000	21.3	27.9	30.5	31.7	33.0	33.0	33.4	33.6	33.9	34.0	34.0	34.0	34.1	34.1	34.1	34.1
≥ 7000	21.7	28.2	30.9	32.1	33.4	33.4	33.7	34.0	34.2	34.3	34.3	34.3	34.4	34.4	34.4	34.4
≥ 6000	21.9	28.5	31.2	32.4	33.9	33.9	34.2	34.4	34.7	34.8	34.8	34.8	34.9	34.9	34.9	34.9
≥ 5000	22.2	28.8	31.6	32.8	34.2	34.2	34.6	34.9	35.2	35.3	35.3	35.3	35.4	35.4	35.4	35.4
≥ 4500	23.0	29.7	32.9	34.1	35.5	35.5	35.9	36.2	36.5	36.6	36.6	36.6	36.7	36.7	36.7	36.7
≥ 4000	25.2	32.7	36.0	37.4	38.9	38.9	39.5	39.8	40.1	40.3	40.3	40.3	40.4	40.4	40.4	40.4
≥ 3500	27.8	35.3	38.9	40.3	41.9	41.9	42.6	42.9	43.2	43.4	43.4	43.4	43.5	43.5	43.5	43.5
≥ 3000	30.0	37.8	41.6	43.3	45.1	45.1	45.9	46.3	46.7	46.9	46.9	46.9	47.0	47.0	47.0	47.0
≥ 2500	34.6	43.4	47.4	49.0	51.0	51.0	52.2	52.5	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.2
≥ 2000	38.2	47.7	52.2	54.1	56.1	56.2	57.8	58.1	58.5	58.7	58.7	58.7	58.9	58.9	58.9	58.9
≥ 1800	38.9	48.6	53.1	55.0	57.1	57.2	58.7	59.2	59.6	59.8	59.8	59.8	59.9	59.9	59.9	59.9
≥ 1500	41.6	51.9	56.8	59.1	61.5	61.6	63.8	64.4	64.7	65.0	65.0	65.0	65.1	65.1	65.1	65.1
≥ 1200	44.9	56.0	61.4	63.8	67.0	67.5	70.2	70.8	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5
≥ 1000	46.2	58.3	63.8	66.3	69.9	70.3	73.1	73.7	74.0	74.3	74.3	74.3	74.4	74.4	74.4	74.4
≥ 900	46.7	58.7	64.2	66.7	70.5	70.9	73.8	74.4	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 800	47.2	60.2	65.7	68.3	72.2	72.7	76.3	76.9	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.8
≥ 700	47.4	60.4	66.0	68.8	73.2	73.7	77.3	78.0	78.3	78.6	78.6	78.7	78.8	78.8	78.8	78.9
≥ 600	48.2	61.2	66.9	70.2	75.1	75.8	79.5	80.3	80.6	80.9	80.9	81.0	81.1	81.1	81.1	81.2
≥ 500	48.6	61.8	67.7	71.5	77.8	78.8	82.8	84.1	84.6	85.2	85.3	85.4	85.5	85.5	85.5	85.8
≥ 400	48.8	62.2	68.1	72.1	78.9	80.0	84.4	85.8	86.2	87.2	87.3	87.4	87.6	87.6	87.6	87.8
≥ 300	48.8	62.2	68.1	72.2	79.3	80.4	85.3	87.4	88.2	90.3	90.6	90.7	90.9	91.1	91.5	91.7
≥ 200	48.8	62.2	68.1	72.2	79.4	80.5	85.9	88.4	89.4	92.0	92.3	92.6	92.8	93.3	94.5	95.1
≥ 100	48.8	62.2	68.1	72.2	79.4	80.5	85.9	88.5	89.6	92.3	92.8	93.2	93.4	94.5	96.8	98.9
≥ 0	48.8	62.2	68.1	72.2	79.4	80.5	85.9	88.5	89.6	92.3	92.8	93.2	93.4	94.5	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 (16? STATION | HAHN AB DL STATION NAME | 73-81 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 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	18.2	22.6	23.3	23.7	24.7	25.1	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 20000	22.3	28.3	29.3	29.9	31.4	31.9	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 18000	22.9	28.9	29.9	30.5	32.0	32.5	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 16000	23.1	29.2	30.2	30.8	32.4	32.9	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 14000	23.3	29.4	30.5	31.1	32.6	33.1	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 12000	24.3	30.5	32.0	32.6	34.2	34.6	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 10000	25.1	31.5	33.2	33.8	35.4	35.8	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 9000	25.7	32.6	34.3	35.2	36.9	37.4	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 8000	27.8	35.5	37.6	38.7	40.6	41.1	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 7000	28.7	36.6	38.8	39.9	41.9	42.4	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 6000	28.9	36.9	39.2	40.3	42.3	42.8	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 5000	29.9	38.1	40.4	41.5	43.5	44.0	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 4500	31.2	40.0	42.4	43.5	45.5	46.0	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 4000	34.8	44.0	46.7	47.8	49.9	50.4	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3500	37.9	47.9	50.8	51.9	54.0	54.5	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 3000	43.5	54.2	57.1	58.2	60.6	61.1	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 2500	46.4	58.1	61.1	62.4	64.8	65.4	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 2000	49.2	61.9	65.4	67.1	69.9	70.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1800	50.2	62.8	66.3	68.1	70.8	71.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 1500	51.7	64.8	68.6	70.5	73.6	74.3	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1200	52.1	65.4	69.4	71.7	75.1	75.9	77.7	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1000	52.7	66.2	70.6	73.1	77.2	77.9	80.2	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 900	53.3	66.9	71.4	74.0	78.1	78.9	81.1	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 800	53.3	67.0	72.2	74.7	79.1	79.8	82.2	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 700	53.8	67.7	73.0	75.5	80.0	80.8	83.9	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 600	54.0	68.1	73.4	76.0	81.1	81.8	85.4	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 500	54.2	68.6	74.4	77.1	82.4	83.2	86.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 400	54.2	68.6	74.6	77.2	83.2	83.9	87.9	89.4	89.5	89.8	90.2	90.2	90.2	90.2	90.2	90.2
≥ 300	54.2	68.6	74.6	77.2	83.6	84.3	89.2	91.0	91.3	91.9	92.4	92.6	92.6	92.7	93.0	93.0
≥ 200	54.2	68.6	74.6	77.2	84.0	84.7	90.0	92.5	93.0	93.9	94.5	94.9	95.0	95.1	95.9	95.9
≥ 100	54.2	68.6	74.6	77.2	84.0	84.7	90.0	92.5	93.0	94.1	94.7	95.2	95.3	96.1	97.5	99.0
≥ 0	54.2	68.6	74.6	77.2	84.0	84.7	90.0	92.5	93.0	94.1	94.7	95.2	95.3	96.1	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 5163 (STATION) HAHN AB OL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	20.9	25.3	27.5	28.0	29.7	30.1	31.1	31.7	31.7	32.1	32.3	32.3	32.3	32.3	32.3	32.3
≥ 20000	24.3	29.5	32.7	33.7	35.8	36.2	37.6	38.5	38.5	38.9	39.1	39.1	39.1	39.1	39.1	39.1
≥ 18000	24.6	29.9	33.1	34.1	36.2	36.6	38.0	38.8	38.8	39.3	39.4	39.4	39.4	39.4	39.4	39.4
≥ 16000	24.6	29.9	33.1	34.1	36.2	36.6	38.0	38.8	38.8	39.3	39.4	39.4	39.4	39.4	39.4	39.4
≥ 14000	24.9	30.1	33.3	34.3	36.4	36.8	38.2	39.1	39.1	39.5	39.7	39.7	39.7	39.7	39.7	39.7
≥ 12000	25.2	30.5	33.7	34.8	37.2	37.5	39.1	39.9	39.9	40.4	40.5	40.5	40.5	40.5	40.5	40.5
≥ 10000	26.3	31.7	34.9	36.0	38.5	38.8	40.4	41.2	41.2	41.7	41.8	41.8	41.8	41.8	41.8	41.8
≥ 9000	26.8	32.3	35.7	36.9	39.9	40.3	41.8	42.7	42.7	43.1	43.2	43.2	43.2	43.2	43.2	43.2
≥ 8000	29.0	34.9	38.5	39.8	43.2	43.6	45.2	46.0	46.0	46.5	46.6	46.6	46.6	46.6	46.6	46.6
≥ 7000	29.7	35.8	39.4	40.7	44.6	44.9	46.6	47.4	47.4	47.9	48.0	48.0	48.0	48.0	48.0	48.0
≥ 6000	30.2	36.4	40.1	41.5	45.3	45.6	47.3	48.1	48.1	48.6	48.7	48.7	48.7	48.7	48.7	48.7
≥ 5000	31.2	37.6	41.3	42.7	47.1	47.6	49.3	50.2	50.2	50.7	50.8	50.8	50.8	50.8	50.8	50.8
≥ 4500	32.6	39.7	43.4	44.8	49.2	49.7	51.5	52.3	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9
≥ 4000	36.2	44.2	48.1	49.6	54.5	55.0	56.9	57.7	57.7	58.3	58.4	58.4	58.4	58.4	58.4	58.4
≥ 3500	38.8	47.4	51.4	53.5	58.7	59.3	61.2	62.0	62.0	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥ 3000	41.7	50.7	54.6	57.0	62.2	62.8	64.8	65.6	65.6	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 2500	42.2	51.7	55.9	58.3	63.6	64.2	66.1	66.9	66.9	67.5	67.6	67.6	67.6	67.6	67.6	67.6
≥ 2000	44.3	54.5	59.5	62.2	68.2	68.8	70.8	71.8	71.8	72.4	72.5	72.5	72.5	72.5	72.5	72.5
≥ 1800	44.7	55.0	60.0	62.8	68.9	69.5	71.6	72.5	72.5	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1500	45.8	56.6	62.1	65.1	71.3	72.0	74.2	75.3	75.3	76.0	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1200	46.5	57.9	63.7	66.9	73.1	73.8	76.6	77.7	77.7	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1000	46.6	58.3	64.0	67.7	74.3	75.0	77.9	79.0	79.1	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 900	46.6	58.3	64.0	67.7	74.3	75.0	77.9	79.0	79.1	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 800	46.7	58.4	64.5	68.6	75.5	76.2	79.2	80.8	80.9	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 700	47.0	58.8	64.9	69.1	76.1	76.9	80.2	81.7	81.8	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 600	47.0	58.9	65.0	69.3	76.7	77.5	81.1	82.8	83.0	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 500	47.0	59.1	65.5	69.8	77.4	78.3	82.1	83.8	84.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4
≥ 400	47.2	59.4	65.7	70.3	78.3	79.1	83.2	85.5	86.0	87.3	87.6	87.6	88.1	88.1	88.1	88.1
≥ 300	47.2	59.4	65.7	70.4	78.9	79.7	84.1	86.9	87.3	88.9	89.1	89.4	89.8	90.1	90.1	90.1
≥ 200	47.2	59.4	65.7	70.4	79.1	79.9	84.6	87.8	88.9	91.4	91.8	92.1	92.8	93.3	93.8	93.9
≥ 100	47.2	59.4	65.7	70.4	79.3	80.2	85.1	88.3	89.5	92.4	92.7	93.2	93.9	94.6	95.2	98.0
≥ 0	47.2	59.4	65.7	70.4	79.3	80.2	85.1	88.3	89.5	92.4	92.7	93.2	93.9	94.6	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NO. 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	21.4	26.8	28.8	30.0	33.1	33.2	34.5	34.9	35.0	35.2	35.5	35.6	35.7	35.9	35.9	36.2
≥ 20000	23.2	29.0	31.3	32.9	36.4	36.7	38.7	39.4	39.5	39.8	40.0	40.1	40.3	40.5	40.5	40.7
≥ 18000	23.4	29.2	31.5	33.2	36.7	36.9	38.9	39.7	39.8	40.0	40.3	40.4	40.5	40.7	40.7	41.0
≥ 16000	23.4	29.2	31.5	33.2	36.7	36.9	38.9	39.7	39.8	40.0	40.3	40.4	40.5	40.7	40.7	41.0
≥ 14000	23.6	29.3	31.6	33.3	36.8	37.0	39.1	39.8	39.9	40.1	40.4	40.5	40.6	40.9	40.9	41.1
≥ 12000	23.8	29.6	31.9	33.5	37.0	37.3	39.3	40.0	40.1	40.4	40.6	40.7	40.9	41.1	41.1	41.3
≥ 10000	24.0	30.2	32.5	34.1	37.9	38.1	40.1	40.9	41.0	41.2	41.5	41.6	41.7	41.9	41.9	42.2
≥ 9000	24.8	30.9	33.3	35.1	39.1	39.3	41.3	42.1	42.3	42.5	42.8	42.9	43.0	43.4	43.4	43.6
≥ 8000	26.4	32.7	35.1	37.3	41.8	42.1	44.2	45.0	45.2	45.4	45.7	45.8	45.9	46.3	46.3	46.5
≥ 7000	26.4	32.8	35.2	37.4	42.2	42.4	44.6	45.3	45.6	45.8	46.0	46.2	46.3	46.6	46.6	46.9
≥ 6000	26.6	33.1	35.5	37.6	42.4	42.7	44.8	45.6	45.8	46.0	46.3	46.4	46.5	46.9	46.9	47.1
≥ 5000	27.2	33.7	36.1	38.2	43.0	43.5	45.8	46.5	46.8	47.0	47.2	47.4	47.5	47.8	47.8	48.1
≥ 4500	28.5	35.6	38.0	40.1	45.0	45.4	47.7	48.8	49.0	49.3	49.5	49.6	49.8	50.1	50.1	50.4
≥ 4000	31.5	39.3	42.7	44.8	50.0	50.5	52.9	54.0	54.2	54.4	54.7	54.8	54.9	55.3	55.3	55.5
≥ 3500	33.8	41.9	45.6	47.7	53.5	54.0	56.4	57.5	57.7	57.9	58.2	58.3	58.4	58.8	58.8	59.0
≥ 3000	35.0	43.3	47.0	49.5	55.5	56.0	58.4	59.5	59.7	60.0	60.2	60.3	60.5	60.8	60.8	61.1
≥ 2500	36.2	44.7	48.4	51.1	57.3	57.8	60.5	61.5	61.8	62.0	62.3	62.4	62.5	62.9	62.9	63.1
≥ 2000	37.5	46.5	51.0	53.7	60.2	60.7	63.5	64.5	64.8	65.4	65.6	65.7	65.9	66.2	66.2	66.5
≥ 1800	38.0	47.0	51.7	54.7	61.3	61.8	64.7	65.7	66.0	66.6	66.8	66.9	67.1	67.4	67.4	67.7
≥ 1500	39.7	49.0	54.2	57.3	64.2	64.7	68.4	69.5	69.7	70.4	70.7	70.8	70.9	71.3	71.3	71.5
≥ 1200	41.1	50.8	56.1	59.6	66.8	67.3	71.4	72.5	72.7	73.6	73.8	73.9	74.2	74.5	74.5	74.8
≥ 1000	41.8	51.9	57.5	61.1	68.8	69.2	73.6	74.8	75.0	75.8	76.1	76.2	76.4	76.8	76.8	77.0
≥ 900	41.8	51.9	57.6	61.2	68.9	69.4	73.7	74.9	75.1	76.0	76.2	76.3	76.6	76.9	76.9	77.2
≥ 800	42.4	52.6	58.7	62.5	70.7	71.2	75.6	76.8	77.0	77.9	78.1	78.2	78.5	78.8	78.8	79.1
≥ 700	42.4	52.6	58.8	62.7	71.2	71.6	76.1	77.3	77.6	78.5	78.7	78.8	79.1	79.4	79.4	79.7
≥ 600	42.5	52.8	58.9	63.2	71.8	72.2	77.2	78.4	78.7	79.6	79.8	79.9	80.2	80.5	80.5	80.8
≥ 500	42.9	53.1	59.3	63.8	73.3	73.9	79.0	80.2	80.6	82.0	82.2	82.5	82.8	83.2	83.2	83.4
≥ 400	42.9	53.2	59.4	63.9	73.9	74.5	80.0	81.4	82.0	83.4	84.0	84.3	84.6	85.0	85.0	85.2
≥ 300	42.9	53.2	59.5	64.4	75.1	75.7	81.3	82.6	83.3	85.2	85.8	86.1	86.4	87.5	87.6	87.9
≥ 200	42.9	53.2	59.5	64.4	75.5	76.1	82.3	84.6	85.6	87.9	88.6	89.1	89.7	91.6	92.2	92.4
≥ 100	42.9	53.2	59.5	64.5	75.8	76.4	82.8	85.1	86.2	89.2	90.0	90.5	91.1	93.6	94.4	97.4
≥ 0	42.9	53.2	59.5	64.5	75.8	76.4	82.8	85.1	86.2	89.3	90.1	90.6	91.2	93.8	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 832

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥	≥5/16	≥	≥0
NO CEILING	15.4	19.3	21.1	22.0	23.9	24.1	25.0	25.8	25.9	26.8	27.0	27.1	27.4	27.8	28.0	28.3
≥ 20000	17.9	22.4	24.5	25.6	27.8	28.0	29.2	30.1	30.3	31.1	31.4	31.5	31.8	32.2	32.5	32.8
≥ 18000	18.0	22.6	24.6	25.7	27.9	28.1	29.4	30.3	30.4	31.3	31.5	31.6	32.0	32.4	32.7	33.0
≥ 16000	18.1	22.6	24.7	25.8	28.0	28.2	29.4	30.4	30.5	31.4	31.6	31.7	32.0	32.4	32.7	33.1
≥ 14000	18.2	22.7	24.8	25.9	28.2	28.4	29.6	30.5	30.7	31.5	31.8	31.9	32.2	32.6	32.9	33.2
≥ 12000	18.5	23.1	25.3	26.5	28.7	28.9	3 .1	31.1	31.2	32.1	32.4	32.5	32.8	33.2	33.5	33.8
≥ 10000	19.3	24.0	26.2	27.4	29.8	30.0	31.3	32.2	32.4	33.3	33.5	33.6	33.9	34.4	34.7	35.0
≥ 9000	19.7	24.7	27.1	28.4	30.9	31.1	32.4	33.4	33.5	34.4	34.7	34.8	35.2	35.6	35.9	36.2
≥ 8000	21.3	26.5	29.2	30.6	33.4	33.6	35.1	36.1	36.3	37.2	37.5	37.6	37.9	38.3	38.7	39.0
≥ 7000	21.7	27.0	29.7	31.1	34.0	34.2	35.7	36.7	36.9	37.9	38.1	38.2	38.6	39.0	39.3	39.7
≥ 6000	21.8	27.2	30.0	31.4	34.3	34.6	36.0	37.1	37.2	38.2	38.5	38.6	38.9	39.3	39.7	40.0
≥ 5000	22.5	28.0	30.8	32.2	35.2	35.5	37.0	38.1	38.3	39.2	39.5	39.6	40.0	40.4	40.7	41.1
≥ 4500	23.4	29.3	32.2	33.6	36.8	37.0	38.6	39.8	40.0	41.0	41.3	41.4	41.7	42.2	42.5	42.9
≥ 4000	26.3	32.8	36.1	37.7	41.0	41.3	43.1	44.3	44.5	45.6	45.8	46.0	46.3	46.8	47.1	47.4
≥ 3500	28.0	34.9	38.4	40.1	43.6	43.9	45.9	47.0	47.3	48.4	48.6	48.8	49.1	49.6	49.9	50.3
≥ 3000	30.4	37.7	41.3	43.1	46.8	47.2	49.2	50.4	50.7	51.8	52.1	52.2	52.6	53.0	53.4	53.7
≥ 2500	32.0	39.8	43.6	45.6	49.5	49.8	52.0	53.2	53.5	54.6	54.9	55.0	55.4	55.8	56.2	56.5
≥ 2000	33.9	42.3	46.5	48.7	52.9	53.2	55.6	56.9	57.1	58.4	58.6	58.8	59.1	59.6	59.9	60.3
≥ 1800	34.4	42.8	47.2	49.4	53.6	54.0	56.4	57.7	57.9	59.2	59.4	59.6	59.9	60.4	60.7	61.1
≥ 1500	36.0	45.0	49.9	52.4	56.9	57.3	60.0	61.4	61.8	63.0	63.3	63.5	63.8	64.3	64.6	65.0
≥ 1200	37.8	47.4	52.5	55.2	60.0	60.5	63.5	65.0	65.3	66.6	67.0	67.1	67.5	67.9	68.3	68.7
≥ 1000	38.7	48.8	54.1	57.0	62.3	62.8	65.9	67.4	67.8	69.1	69.5	69.6	70.0	70.5	70.8	71.3
≥ 900	39.0	49.2	54.5	57.5	62.8	63.3	66.5	68.0	68.4	69.7	70.1	70.2	70.6	71.1	71.4	71.9
≥ 800	39.4	49.9	55.5	58.7	64.4	64.9	68.3	69.9	70.3	71.7	72.0	72.1	72.5	73.0	73.4	73.9
≥ 700	39.6	50.3	56.0	59.4	65.3	65.9	69.5	71.1	71.5	72.9	73.2	73.4	73.8	74.3	74.7	75.2
≥ 600	39.9	50.8	56.5	60.2	66.5	67.2	71.0	72.7	73.2	74.7	75.0	75.2	75.6	76.1	76.5	77.0
≥ 500	40.2	51.2	57.1	61.1	68.0	68.8	73.0	74.9	75.5	77.3	77.7	77.9	78.4	79.0	79.4	79.8
≥ 400	40.3	51.4	57.4	61.4	69.0	69.7	74.4	76.6	77.3	79.3	79.8	80.0	80.6	81.2	81.5	82.0
≥ 300	40.3	51.4	57.5	61.7	69.7	70.5	75.6	78.2	79.1	81.8	82.4	82.7	83.5	84.6	85.3	85.8
≥ 200	40.4	51.5	57.6	61.9	70.1	70.9	76.4	79.5	80.7	84.3	85.2	85.7	86.9	88.9	90.4	91.3
≥ 100	40.5	51.6	57.7	61.9	70.2	71.1	76.7	79.8	81.2	85.2	86.3	87.0	88.3	91.5	93.9	97.5
≥ 0	40.5	51.6	57.7	61.9	70.2	71.1	76.7	79.9	81.2	85.2	86.3	87.0	88.4	91.7	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6654

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (GMT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥¾	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	16.1	18.7	20.2	20.3	21.6	21.6	21.8	22.4	22.4	23.7	23.8	23.9	24.1	24.4	24.7	25.2
≥ 20000	17.1	20.1	21.6	22.1	23.3	23.3	23.8	24.4	24.4	25.7	25.8	25.9	26.1	26.4	26.7	27.2
≥ 18000	17.1	20.1	21.6	22.1	23.3	23.3	23.8	24.4	24.4	25.7	25.8	25.9	26.1	26.4	26.7	27.2
≥ 16000	17.1	20.1	21.6	22.1	23.3	23.3	23.8	24.4	24.4	25.7	25.8	25.9	26.1	26.4	26.7	27.2
≥ 14000	17.1	20.1	21.6	22.1	23.3	23.3	23.9	24.6	24.6	25.8	25.9	26.1	26.2	26.6	26.9	27.3
≥ 12000	17.3	20.3	21.8	22.3	23.6	23.6	24.2	24.8	24.8	26.1	26.2	26.3	26.4	26.8	27.1	27.6
≥ 10000	17.7	20.8	22.4	22.9	24.3	24.3	24.9	25.6	25.6	26.8	26.9	27.1	27.2	27.6	27.3	28.3
≥ 9000	18.2	21.3	22.9	23.4	24.8	24.8	25.4	26.1	26.1	27.3	27.4	27.6	27.7	28.1	28.3	28.8
≥ 8000	19.3	22.6	24.2	24.8	26.2	26.2	26.8	27.4	27.4	28.7	28.8	28.9	29.1	29.4	29.7	30.2
≥ 7000	19.8	23.1	24.7	25.3	26.7	26.7	27.3	27.9	27.9	29.2	29.3	29.4	29.6	29.9	30.2	30.7
≥ 6000	20.2	23.4	25.1	25.7	27.2	27.2	27.8	28.4	28.4	29.7	29.8	29.9	30.0	30.4	30.7	31.2
≥ 5000	21.3	24.8	26.6	27.3	28.8	28.8	29.6	30.2	30.2	31.4	31.5	31.7	31.8	32.2	32.4	32.9
≥ 4500	21.6	25.1	26.9	27.7	29.2	29.2	29.9	30.7	30.7	31.9	32.0	32.2	32.3	32.7	32.9	33.4
≥ 4000	24.6	28.3	30.5	31.5	33.7	33.8	34.7	35.4	35.4	36.8	36.9	37.0	37.2	37.5	37.9	38.3
≥ 3500	26.3	30.3	32.5	33.7	36.3	36.4	37.3	38.0	38.0	39.4	39.5	39.7	39.8	40.1	40.4	40.9
≥ 3000	27.8	32.3	35.0	36.2	39.2	39.3	40.5	41.4	41.4	42.8	42.9	43.0	43.1	43.5	43.1	44.3
≥ 2500	29.3	34.2	36.9	38.0	41.4	41.5	42.9	43.8	43.8	45.1	45.3	45.4	45.5	45.9	46.1	46.6
≥ 2000	31.7	37.3	40.1	41.4	45.4	45.5	46.9	47.8	47.8	49.4	49.5	49.6	49.8	50.1	50.4	50.9
≥ 1800	32.5	38.4	41.4	42.8	47.1	47.3	48.6	49.5	49.5	51.1	51.2	51.4	51.5	51.9	52.1	52.6
≥ 1500	34.7	40.6	43.9	45.6	51.0	51.1	52.5	53.4	53.4	55.0	55.1	55.2	55.4	55.7	56.0	56.5
≥ 1200	36.8	43.6	47.3	49.8	55.4	55.5	57.0	57.9	57.9	59.5	59.6	59.7	59.9	60.2	60.5	61.0
≥ 1000	38.2	45.9	50.0	52.5	58.4	58.5	60.0	60.8	60.8	62.5	62.6	62.7	63.2	63.6	63.8	64.3
≥ 900	38.5	46.8	50.9	54.0	59.9	60.0	61.5	62.3	62.3	64.0	64.1	64.2	64.7	65.1	65.3	65.8
≥ 800	39.5	48.6	52.9	56.1	62.6	62.7	64.2	65.1	65.1	66.7	66.8	67.0	67.5	67.8	68.1	68.6
≥ 700	39.7	48.8	53.0	56.4	63.2	63.3	65.1	66.0	66.0	67.6	67.7	67.8	68.3	68.7	69.0	69.5
≥ 600	40.4	49.6	54.0	57.9	66.2	66.5	68.8	70.1	70.1	72.3	72.4	72.6	73.1	73.4	73.7	74.2
≥ 500	41.3	50.7	55.6	59.6	69.0	69.2	72.9	74.7	74.7	77.1	77.2	77.6	78.2	78.6	78.8	79.3
≥ 400	41.6	51.4	56.4	60.5	71.6	71.8	75.7	77.4	77.4	79.9	80.0	80.4	81.0	81.4	81.7	82.2
≥ 300	41.9	51.6	56.6	61.0	73.1	73.4	78.3	80.7	80.7	83.2	83.3	83.7	84.5	85.4	85.7	86.2
≥ 200	41.9	51.6	56.6	61.0	73.9	74.3	79.8	82.3	82.8	85.4	85.7	86.2	87.3	88.7	89.4	90.1
≥ 100	41.9	51.6	56.6	61.0	73.9	74.3	79.9	82.5	83.0	86.3	86.5	87.0	88.3	90.8	92.6	95.4
≥ 0	41.9	51.6	56.6	61.0	73.9	74.3	79.9	82.5	83.0	86.3	86.5	87.0	88.3	91.1	93.5	100.0

TOTAL NUMBER OF OBSERVATIONS 802

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.[illegible]	≥2	≥1.[illegible]	≥1.4	≥1	≥.[illegible]	≥.[illegible]	≥	≥.5 .6	≥.[illegible]	≥.[illegible]
NO CEILING	13.2	15.2	16.3	16.8	17.4	17.6	18.4	18.7	18.8	19.4	19.7	19.7	19.9	20.3	20.7	21.5
≥ 20000	13.7	15.7	16.6	17.3	18.1	18.2	19.1	19.3	19.4	20.1	20.3	20.3	20.6	21.0	21.3	22.1
≥ 18000	13.7	15.7	16.8	17.3	18.1	18.2	19.1	19.3	19.4	20.1	20.3	20.3	20.6	21.0	21.3	22.1
≥ 16000	13.9	15.9	17.1	17.6	18.3	18.4	19.3	19.6	19.7	20.3	20.6	20.6	20.8	21.2	21.6	22.3
≥ 14000	13.9	15.9	17.1	17.6	18.3	18.4	19.3	19.6	19.7	20.3	20.6	20.6	20.8	21.2	21.6	22.3
≥ 12000	13.9	15.9	17.1	17.6	18.3	18.4	19.3	19.6	19.7	20.3	20.6	20.6	20.8	21.2	21.6	22.3
≥ 10000	14.2	16.3	17.4	17.9	18.7	18.8	19.7	19.9	20.1	20.7	21.0	21.0	21.2	21.6	22.0	22.7
≥ 9000	14.2	16.3	17.4	17.9	18.7	18.8	19.7	19.9	20.1	20.7	21.0	21.0	21.2	21.6	22.0	22.7
≥ 8000	14.9	17.4	18.8	19.3	20.1	20.2	21.1	21.3	21.5	22.1	22.3	22.3	22.6	23.0	23.3	24.1
≥ 7000	15.4	18.1	19.4	19.9	20.7	20.8	21.7	22.0	22.1	22.7	23.0	23.0	23.2	23.6	24.0	24.7
≥ 6000	15.6	18.2	19.6	20.1	20.8	21.0	21.8	22.1	22.2	22.8	23.1	23.1	23.3	23.7	24.1	24.8
≥ 5000	15.9	18.9	20.3	21.0	21.7	21.8	22.7	23.0	23.1	23.7	24.0	24.0	24.2	24.6	25.0	25.7
≥ 4500	16.1	19.2	20.7	21.3	22.3	22.5	23.3	23.6	23.7	24.3	24.6	24.6	24.8	25.2	25.6	26.3
≥ 4000	19.3	23.1	24.8	25.5	27.2	27.4	28.5	28.7	28.9	29.5	29.7	29.7	30.0	30.4	30.7	31.5
≥ 3500	21.6	26.0	27.9	28.5	30.2	30.4	31.5	31.7	32.0	32.9	33.1	33.1	33.4	33.8	34.1	34.9
≥ 3000	23.0	27.7	29.9	30.5	33.1	33.2	34.8	35.0	35.5	36.5	36.8	36.8	37.0	37.4	37.8	38.5
≥ 2500	25.6	30.6	32.7	33.4	36.4	36.5	38.1	38.4	38.9	39.9	40.3	40.3	40.5	40.9	41.3	42.0
≥ 2000	28.4	33.6	36.0	36.6	40.3	40.4	42.5	42.9	43.5	44.5	44.9	44.9	45.2	45.5	45.9	46.7
≥ 1800	28.6	34.0	36.4	37.3	41.0	41.2	43.3	43.7	44.3	45.3	45.7	45.7	45.9	46.3	46.7	47.4
≥ 1500	3[illegible].6	37.5	40.2	41.4	46.2	46.3	48.6	48.9	49.6	50.6	50.9	50.9	51.2	51.6	51.9	52.7
≥ 1200	33.9	4[illegible].8	43.7	45.0	50.7	50.8	53.3	53.7	54.3	55.3	55.7	55.7	56.0	56.3	56.7	57.5
≥ 1000	35.0	42.4	45.4	46.9	52.6	52.7	55.7	56.1	56.7	57.7	58.2	58.2	58.5	59.1	59.5	60.2
≥ 900	35.1	42.9	46.0	48.1	53.7	53.8	56.8	57.2	57.8	58.8	59.3	59.3	59.6	60.2	60.6	61.4
≥ 800	36.5	44.7	47.9	50.9	56.8	57.0	60.1	60.5	61.1	62.1	62.6	62.6	62.9	63.5	63.9	64.6
≥ 700	36.5	44.8	48.2	51.4	57.5	57.7	61.1	61.5	62.1	63.1	63.6	63.6	63.9	64.5	64.9	65.6
≥ 600	36.9	45.2	48.7	52.4	59.7	60.0	64.5	65.2	66.0	67.1	67.6	67.6	67.9	68.[illegible]	69.0	69.8
≥ 500	37.8	47.1	50.8	54.7	63.2	63.7	69.0	70.4	71.1	72.3	72.9	72.9	73.4	74.[illegible]	74.9	75.7
≥ 400	38.0	47.3	51.1	55.5	65.1	65.7	71.6	73.0	73.8	75.5	76.2	76.2	76.7	77.8	78.2	78.9
≥ 300	38.0	47.3	51.2	55.7	66.9	67.8	75.0	77.0	78.2	80.3	81.2	81.7	82.3	83.8	84.2	84.9
≥ 200	38.0	47.3	51.2	55.8	67.3	68.1	75.4	78.0	79.4	82.4	83.4	84.4	85.8	87.8	89.2	90.0
≥ 100	38.0	47.3	51.2	55.8	67.3	68.1	75.4	78.2	79.8	83.3	84.3	85.6	87.3	89.6	91.5	96.0
≥ 0	38.0	47.3	51.2	55.8	67.3	68.1	75.4	78.2	79.8	83.3	84.3	85.6	87.5	89.8	92.0	100.0

TOTAL NUMBER OF OBSERVATIONS 797

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 8160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	9.9	11.5	12.2	12.7	14.1	14.1	15.0	15.2	15.6	16.0	16.4	16.4	16.5	16.9	17.2	18.4
≥ 20000	10.7	12.4	13.4	13.9	15.2	15.2	16.2	16.5	16.9	17.2	17.6	17.6	17.7	18.1	18.5	19.6
≥ 18000	10.7	12.4	13.4	13.9	15.2	15.2	16.2	16.5	16.9	17.2	17.6	17.6	17.7	18.1	18.5	19.6
≥ 16000	10.7	12.5	13.5	14.0	15.4	15.4	16.4	16.6	17.0	17.4	17.7	17.7	17.9	18.2	18.6	19.7
≥ 14000	11.1	12.9	13.9	14.4	15.7	15.7	16.7	17.0	17.4	17.7	18.1	18.1	18.2	18.6	19.0	20.1
≥ 12000	11.2	13.0	14.0	14.5	15.9	15.9	16.9	17.1	17.5	17.9	18.2	18.2	18.4	18.7	19.1	20.2
≥ 10000	11.2	13.0	14.0	14.5	15.9	15.9	16.9	17.1	17.5	17.9	18.2	18.2	18.4	18.7	19.1	20.2
≥ 9000	11.5	13.2	14.2	14.7	16.1	16.1	17.1	17.4	17.7	18.1	18.5	18.5	18.6	19.0	19.4	20.5
≥ 8000	11.9	13.6	14.6	15.1	16.5	16.5	17.5	17.9	18.2	18.6	19.0	19.0	19.1	19.5	19.9	21.1
≥ 7000	12.4	14.1	15.1	15.6	17.0	17.0	18.0	18.4	18.7	19.1	19.5	19.5	19.6	20.0	20.3	21.6
≥ 6000	12.4	14.1	15.1	15.6	17.0	17.0	18.0	18.4	18.7	19.1	19.5	19.5	19.6	20.0	20.3	21.6
≥ 5000	13.2	15.1	16.1	16.6	18.0	18.0	19.0	19.4	19.7	20.1	20.5	20.5	20.6	21.0	21.3	22.6
≥ 4500	13.5	15.4	16.4	16.9	18.2	18.2	19.4	19.7	20.1	20.5	20.8	20.8	21.0	21.3	21.7	23.0
≥ 4000	16.4	19.0	20.5	21.0	22.5	22.5	23.6	24.0	24.5	24.8	25.2	25.2	25.3	25.7	26.1	27.3
≥ 3500	17.1	20.0	21.6	22.2	23.7	23.7	24.8	25.2	25.7	26.1	26.5	26.5	26.6	27.1	27.5	28.8
≥ 3000	19.9	23.1	25.1	26.0	27.6	27.6	28.7	29.1	29.8	30.2	30.6	30.6	30.7	31.2	31.6	33.0
≥ 2500	21.1	24.3	26.3	27.3	29.2	29.2	30.6	31.0	31.8	32.3	32.7	32.8	33.0	33.5	33.8	35.2
≥ 2000	23.2	26.6	29.0	30.1	32.5	32.6	34.6	35.1	36.2	36.8	37.2	37.3	37.5	38.0	38.3	39.7
≥ 1800	24.3	27.7	30.1	31.3	33.8	34.0	36.0	36.5	37.7	38.3	38.7	38.8	39.0	39.5	39.8	41.2
≥ 1500	26.2	30.3	33.2	35.3	38.3	38.7	41.1	41.6	42.8	43.6	44.1	44.2	44.3	44.8	45.2	46.6
≥ 1200	28.2	33.3	36.3	38.7	42.4	42.8	45.2	45.7	46.9	47.7	48.2	48.3	48.4	48.9	49.3	50.7
≥ 1000	28.8	35.0	38.1	40.7	45.1	45.4	47.9	48.4	49.7	50.6	51.1	51.2	51.3	51.8	52.2	53.6
≥ 900	29.6	36.1	39.6	42.9	47.3	47.7	50.2	50.7	51.9	52.8	53.3	53.4	53.6	54.1	54.4	55.8
≥ 800	30.6	38.0	41.8	45.6	50.4	50.8	53.6	54.1	55.3	56.4	56.9	57.1	57.2	57.7	58.1	59.4
≥ 700	31.1	38.7	42.7	46.7	52.2	52.6	55.4	56.1	57.3	58.4	58.9	59.1	59.2	59.7	60.0	61.4
≥ 600	31.8	40.2	44.2	48.9	55.2	55.6	58.8	59.8	61.0	62.2	62.7	62.8	62.9	63.5	63.9	65.3
≥ 500	33.6	42.3	46.4	52.1	60.5	60.9	64.7	66.2	67.4	68.7	69.2	69.4	69.5	70.3	70.7	72.0
≥ 400	33.7	42.7	46.9	52.6	61.4	61.9	66.2	67.7	69.0	70.7	71.2	71.4	71.7	72.7	73.0	74.4
≥ 300	34.1	43.1	47.7	53.4	63.3	64.0	69.2	71.7	73.4	75.5	76.3	76.8	77.2	78.5	78.9	80.3
≥ 200	34.2	43.2	47.8	53.6	63.8	64.8	70.9	73.8	76.7	80.0	80.9	81.9	82.9	84.9	86.0	87.6
≥ 100	34.2	43.2	47.8	53.6	63.8	64.8	70.9	73.8	76.8	80.6	81.8	82.8	84.4	88.3	90.5	95.1
≥ 0	34.2	43.2	47.8	53.6	63.8	64.8	70.9	73.8	76.8	80.6	81.8	82.9	84.5	88.5	90.9	100.0

TOTAL NUMBER OF OBSERVATIONS 801

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEAR) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (TIME)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.[illegible]	≥2	≥[illegible]	≥1.[illegible]	≥1	≥[illegible]	≥[illegible]	≥[illegible]	≥5/16	≥[illegible]	≥[illegible]
NO CEILING	9.7	11.5	13.2	13.6	15.7	15.9	16.5	16.5	16.5	16.6	16.9	16.9	17.0	17.4	17.9	18.1
≥ 20000	10.5	13.0	15.0	15.4	17.5	17.6	18.2	18.2	18.4	18.5	18.7	18.7	18.9	19.2	19.7	20.0
≥ 18000	10.7	13.2	15.2	15.6	17.7	17.9	18.5	18.5	18.6	18.7	19.0	19.0	19.1	19.5	20.0	20.2
≥ 16000	10.7	13.2	15.2	15.6	17.7	17.9	18.5	18.5	18.6	18.7	19.0	19.0	19.1	19.5	20.0	20.2
≥ 14000	11.5	14.1	16.1	16.5	18.6	18.7	19.4	19.4	19.5	19.6	19.9	19.9	20.0	20.3	20.8	21.1
≥ 12000	11.6	14.2	16.2	16.6	18.7	18.9	19.5	19.5	19.6	19.7	20.0	20.0	20.1	20.5	21.0	21.2
≥ 10000	12.1	14.7	16.7	17.1	19.6	19.7	20.3	20.3	20.5	20.6	20.8	20.8	21.0	21.3	21.8	22.2
≥ 9000	13.1	15.9	17.9	18.2	20.7	20.8	21.5	21.5	21.6	21.7	22.0	22.0	22.1	22.5	23.0	23.3
≥ 8000	14.5	17.2	19.4	19.7	22.2	22.3	23.0	23.0	23.1	23.2	23.5	23.5	23.6	24.0	24.5	24.8
≥ 7000	15.1	17.9	20.1	20.6	23.2	23.3	24.0	24.0	24.1	24.2	24.5	24.5	24.6	25.0	25.5	25.8
≥ 6000	15.1	17.9	20.1	20.6	23.2	23.3	24.0	24.0	24.1	24.2	24.5	24.5	24.6	25.0	25.5	25.8
≥ 5000	15.6	18.4	20.6	21.1	23.7	23.8	24.5	24.5	24.6	24.7	25.0	25.0	25.1	25.5	26.0	26.3
≥ 4500	16.2	19.2	21.5	22.0	24.7	24.8	25.5	25.5	25.6	25.7	26.0	26.0	26.1	26.5	27.0	27.3
≥ 4000	18.0	21.3	23.6	24.1	27.0	27.1	27.7	27.7	27.8	28.0	28.2	28.2	28.3	28.7	29.2	29.6
≥ 3500	19.7	22.7	25.1	25.7	28.6	28.7	29.6	29.6	29.7	29.8	30.1	30.1	30.2	30.6	31.2	31.6
≥ 3000	20.6	24.5	27.0	27.7	31.1	31.2	32.3	32.3	32.5	32.6	32.8	32.8	33.1	33.6	34.2	34.6
≥ 2500	22.3	26.0	28.5	29.6	33.2	33.3	34.7	34.7	34.8	35.0	35.2	35.2	35.5	36.0	36.6	37.0
≥ 2000	25.2	29.3	32.1	33.3	37.5	37.6	39.6	40.0	40.1	40.4	40.7	40.8	41.1	41.6	42.2	42.6
≥ 1800	25.7	30.0	33.0	34.3	38.6	38.7	40.8	41.2	41.3	41.7	41.9	42.1	42.3	42.8	43.4	43.8
≥ 1500	28.3	32.8	36.2	38.2	43.1	43.2	45.6	45.9	46.1	46.4	46.7	46.8	47.1	47.6	48.2	48.6
≥ 1200	31.7	37.3	40.8	42.8	48.2	48.3	50.8	51.2	51.3	51.7	51.9	52.1	52.3	52.8	53.4	53.8
≥ 1000	32.8	39.1	42.7	44.8	50.9	51.1	53.8	54.8	54.9	55.4	55.7	55.8	56.1	56.7	57.3	57.7
≥ 900	33.5	40.0	43.6	45.8	51.9	52.1	54.9	55.9	56.1	56.6	56.8	56.9	57.2	57.8	58.4	58.8
≥ 800	34.8	42.1	45.8	48.4	54.9	55.1	58.4	59.4	59.6	60.2	60.4	60.5	60.8	61.4	62.0	62.4
≥ 700	35.7	43.3	47.4	50.3	57.7	57.8	61.2	62.2	62.3	62.9	63.2	63.3	63.5	64.2	64.8	65.2
≥ 600	36.1	43.9	48.4	51.4	59.7	59.8	63.8	64.8	64.9	65.5	65.8	65.9	66.2	66.9	67.5	67.9
≥ 500	37.1	44.9	49.7	53.9	62.9	63.0	68.0	69.9	70.3	71.0	71.8	71.9	72.3	73.3	73.9	74.3
≥ 400	37.7	45.9	50.8	55.7	65.5	65.7	71.7	74.2	74.7	75.7	76.4	76.7	77.2	78.2	78.8	79.3
≥ 300	37.8	46.2	51.1	56.2	66.5	66.9	73.5	76.5	77.4	78.9	79.8	80.0	80.6	81.6	82.4	82.9
≥ 200	38.3	46.3	51.2	56.6	67.4	67.8	74.8	78.2	79.4	81.4	82.6	83.1	84.4	86.5	88.4	89.0
≥ 100	38.0	46.3	51.2	56.6	67.4	67.8	74.8	78.2	79.4	81.4	83.0	83.5	85.3	89.9	93.8	96.8
≥ 0	38.0	46.3	51.2	56.6	67.4	67.8	74.8	78.2	79.4	81.4	83.0	83.5	85.3	89.9	93.8	100.0

TOTAL NUMBER OF OBSERVATIONS 801

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	13.2	15.4	16.3	16.9	18.4	18.4	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	19.1
≥ 20000	16.3	19.3	20.5	21.3	23.4	23.4	23.9	24.0	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.4
≥ 18000	16.8	19.8	21.0	21.8	23.9	23.9	24.4	24.5	24.5	24.5	24.7	24.7	24.7	24.7	24.7	24.9
≥ 16000	17.1	20.0	21.3	22.0	24.2	24.2	24.7	24.8	24.8	24.8	24.9	24.9	24.9	24.9	24.9	25.2
≥ 14000	17.6	20.7	21.9	22.7	24.8	24.8	25.3	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.8
≥ 12000	18.4	21.5	22.8	23.5	25.7	25.7	26.2	26.3	26.3	26.3	26.4	26.4	26.4	26.4	26.4	26.7
≥ 10000	19.6	22.7	23.9	24.7	26.9	26.9	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.9
≥ 9000	19.9	23.3	24.5	25.3	27.6	27.6	28.3	28.4	28.4	28.4	28.5	28.5	29.5	28.5	28.5	28.8
≥ 8000	20.3	23.7	24.9	25.7	28.1	28.1	28.8	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.3
≥ 7000	21.0	24.5	25.9	26.7	29.1	29.1	29.8	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.3
≥ 6000	21.3	24.8	26.2	26.9	29.4	29.4	30.0	30.1	30.1	30.1	30.3	30.3	30.3	30.3	30.3	30.5
≥ 5000	21.3	24.8	26.2	26.9	29.4	29.4	30.0	30.1	30.1	30.1	30.3	30.3	30.3	30.3	30.3	30.5
≥ 4500	21.5	25.0	26.4	27.1	29.6	29.6	30.3	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.8
≥ 4000	23.0	26.7	28.0	28.8	31.4	31.4	32.0	32.1	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.5
≥ 3500	24.2	27.9	29.5	30.4	33.1	33.3	33.9	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.4
≥ 3000	26.7	30.6	32.3	33.1	36.6	36.7	37.6	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.2
≥ 2500	29.1	33.4	35.0	36.4	39.9	40.0	40.8	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.6
≥ 2000	32.3	37.9	39.9	41.3	45.3	45.5	46.3	46.6	46.7	46.8	46.9	46.9	46.9	46.9	46.9	47.2
≥ 1800	34.9	40.5	42.5	44.1	48.1	48.2	49.1	49.3	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.9
≥ 1500	38.7	45.5	47.7	49.9	54.3	54.4	55.3	55.5	55.7	55.8	55.9	55.9	55.9	55.9	55.9	56.2
≥ 1200	41.7	48.9	51.2	53.5	58.2	58.3	59.4	59.7	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.3
≥ 1000	44.3	51.7	54.0	57.2	62.0	62.1	63.5	64.0	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.8
≥ 900	44.5	52.3	54.8	57.9	62.9	63.0	64.4	64.9	65.0	65.3	65.5	65.5	65.5	65.5	65.5	65.8
≥ 800	46.0	54.3	56.9	60.1	65.5	65.8	67.7	68.5	68.6	69.1	69.4	69.4	69.4	69.4	69.4	69.6
≥ 700	46.5	55.7	58.4	62.1	68.1	68.5	70.9	71.7	71.9	72.5	72.7	72.7	72.7	72.7	72.7	73.0
≥ 600	46.9	56.7	59.8	63.8	70.5	70.9	74.0	75.1	75.2	75.8	76.1	76.1	76.1	76.1	76.1	76.3
≥ 500	47.6	57.7	60.9	66.3	74.2	74.6	78.7	80.4	80.6	81.2	81.8	81.8	81.8	82.1	82.1	82.3
≥ 400	47.7	58.3	61.9	67.2	75.6	76.1	80.3	82.3	82.6	83.4	84.2	84.2	84.2	84.4	84.4	84.7
≥ 300	47.7	58.3	61.9	67.2	75.8	76.5	81.1	83.7	83.9	85.3	86.1	86.4	86.7	87.2	87.2	87.5
≥ 200	47.7	58.3	61.9	67.4	76.0	76.6	81.2	84.4	84.8	86.8	88.0	88.7	89.0	90.0	90.9	91.5
≥ 100	47.7	58.3	61.9	67.4	76.0	76.6	81.2	84.4	85.1	87.2	88.4	89.2	89.5	92.5	95.9	98.1
≥ 0	47.7	58.3	61.9	67.4	76.0	76.6	81.2	84.4	85.1	87.3	88.5	89.3	89.7	92.7	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 803

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	14.7	16.0	17.0	17.1	18.0	18.3	18.4	18.4	18.4	18.5	18.6	18.6	18.6	18.6	18.6	18.6
≥ 20000	17.6	19.5	20.6	21.0	22.1	22.4	22.9	22.9	22.9	23.0	23.1	23.1	23.1	23.1	23.1	23.1
≥ 18000	18.1	20.0	21.1	21.5	22.6	22.9	23.4	23.5	23.5	23.7	23.9	23.9	23.9	23.9	23.9	23.9
≥ 16000	18.4	20.2	21.4	21.7	22.9	23.1	23.6	23.7	23.7	24.0	24.1	24.1	24.1	24.1	24.1	24.1
≥ 14000	19.1	21.0	22.1	22.5	23.6	23.9	24.3	24.5	24.5	24.7	24.8	24.8	24.8	24.8	24.8	24.8
≥ 12000	21.0	23.2	24.3	24.7	26.1	26.3	26.8	27.0	27.0	27.2	27.3	27.3	27.3	27.3	27.3	27.3
≥ 10000	21.7	24.2	25.3	25.7	27.2	27.5	28.0	28.1	28.1	28.3	28.4	28.4	28.4	28.4	28.4	28.4
≥ 9000	22.2	24.8	26.0	26.3	27.8	28.1	28.6	28.7	28.7	28.9	29.1	29.1	29.1	29.1	29.1	29.1
≥ 8000	23.7	26.5	27.6	28.0	29.4	29.7	30.2	30.3	30.3	30.6	30.7	30.7	30.7	30.7	30.7	30.7
≥ 7000	24.7	27.5	28.6	28.9	30.4	30.7	31.2	31.3	31.3	31.6	31.7	31.8	31.8	31.8	31.8	31.8
≥ 6000	24.7	27.5	28.6	28.9	30.6	30.8	31.3	31.4	31.4	31.7	31.8	31.9	31.9	31.9	31.9	31.9
≥ 5000	25.7	28.4	29.6	29.9	31.6	31.9	32.4	32.5	32.5	32.8	32.9	33.0	33.0	33.0	33.0	33.0
≥ 4500	25.8	28.6	29.7	30.1	31.7	32.0	32.5	32.7	32.7	32.9	33.0	33.3	33.3	33.3	33.3	33.3
≥ 4000	29.1	32.3	33.5	33.9	35.8	36.1	36.8	36.9	36.9	37.1	37.3	37.5	37.5	37.5	37.5	37.5
≥ 3500	31.1	34.3	35.8	36.3	38.4	38.8	39.4	39.5	39.5	39.9	40.0	40.2	40.2	40.2	40.2	40.2
≥ 3000	33.2	37.1	39.1	40.0	42.6	43.0	43.7	43.9	43.9	44.2	44.3	44.6	44.6	44.6	44.6	44.6
≥ 2500	35.4	40.4	42.4	43.6	46.5	46.8	47.6	47.8	47.8	48.2	48.3	48.6	48.7	48.7	48.7	48.7
≥ 2000	37.9	43.7	45.8	47.6	50.8	51.2	52.2	52.4	52.4	52.8	52.9	53.2	53.3	53.3	53.3	53.3
≥ 1800	39.1	45.1	47.5	49.2	52.4	52.8	53.8	54.0	54.0	54.4	54.5	54.8	54.9	54.9	54.9	54.9
≥ 1500	42.0	48.6	51.2	53.2	56.9	57.3	58.3	58.6	58.6	59.0	59.1	59.4	59.5	59.5	59.5	59.5
≥ 1200	44.7	52.8	56.0	58.3	62.1	62.6	63.7	64.1	64.1	64.8	65.0	65.2	65.3	65.3	65.3	65.3
≥ 1000	46.1	54.8	58.4	60.9	64.8	65.3	66.7	67.1	67.2	68.0	68.1	68.3	68.4	68.4	68.4	68.4
≥ 900	46.1	54.8	58.4	61.1	65.1	65.6	67.2	67.6	67.7	68.4	68.6	68.8	68.9	68.9	68.9	68.9
≥ 800	47.2	55.9	59.9	63.2	67.5	68.0	70.1	70.4	70.6	71.7	71.8	72.0	72.2	72.2	72.2	72.2
≥ 700	47.7	56.8	61.0	64.6	69.3	69.9	72.0	72.4	72.5	73.8	73.9	74.2	74.3	74.3	74.3	74.3
≥ 600	48.2	57.5	62.4	66.2	71.8	72.5	75.2	75.7	75.9	77.5	77.6	77.9	78.0	78.0	78.0	78.0
≥ 500	48.3	57.8	62.6	66.7	73.0	73.9	77.6	78.4	78.6	80.4	80.7	81.0	81.1	81.2	81.4	81.4
≥ 400	48.6	58.3	63.2	67.3	74.0	74.9	79.0	80.2	80.6	82.4	82.7	83.0	83.1	83.5	83.6	83.6
≥ 300	48.7	58.6	63.9	68.0	75.2	76.0	80.7	82.6	83.0	86.0	86.6	86.8	87.3	87.8	88.0	88.0
≥ 200	48.7	58.6	63.9	68.1	75.5	76.4	81.2	83.7	84.5	88.9	89.7	90.4	91.3	92.0	92.2	92.7
≥ 100	48.7	58.6	64.0	68.2	75.8	76.6	81.6	84.2	85.0	89.4	90.2	91.1	92.0	93.4	95.4	98.0
≥ 0	48.7	58.6	64.0	68.2	75.8	76.6	81.6	84.2	85.0	89.4	90.2	91.1	92.0	93.4	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 805

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥¾	≥½	≥¼	≥⅛	≥0	≥5/16	≥¼	≥0
NO CEILING	15.7	17.9	18.4	19.2	20.2	20.3	20.9	21.4	21.5	21.5	21.7	21.7	21.8	21.8	21.9	21.9
≥ 20000	17.9	20.8	21.4	22.2	23.4	23.5	24.3	24.9	25.0	25.0	25.2	25.2	25.3	25.3	25.4	25.4
≥ 18000	18.2	21.0	21.7	22.4	23.7	23.8	24.5	25.2	25.3	25.3	25.4	25.4	25.5	25.5	25.7	25.7
≥ 16000	18.2	21.0	21.7	22.4	23.7	23.8	24.5	25.2	25.3	25.3	25.4	25.4	25.5	25.5	25.7	25.7
≥ 14000	18.4	21.3	21.9	22.7	23.9	24.0	24.9	25.5	25.7	25.7	25.8	25.8	25.9	25.9	26.0	26.0
≥ 12000	19.7	22.8	23.4	24.2	25.4	25.5	26.4	27.0	27.1	27.1	27.3	27.3	27.4	27.4	27.5	27.5
≥ 10000	20.5	23.9	24.5	25.3	26.8	26.9	28.0	28.6	28.8	28.8	28.9	28.9	29.0	29.0	29.1	29.1
≥ 9000	21.0	24.8	25.4	26.2	27.6	27.8	28.9	29.5	29.6	29.6	29.8	29.8	29.9	29.9	30.0	30.0
≥ 8000	21.9	25.8	26.4	27.1	28.8	28.9	30.3	30.9	31.0	31.0	31.1	31.1	31.3	31.3	31.4	31.4
≥ 7000	22.3	26.2	26.8	27.5	29.4	29.5	30.9	31.5	31.6	31.6	31.8	31.8	31.9	31.9	32.0	32.0
≥ 6000	22.3	26.2	26.8	27.5	29.4	29.5	30.9	31.5	31.6	31.6	31.8	31.8	31.9	31.9	32.0	32.0
≥ 5000	23.9	27.8	28.4	29.4	31.5	31.8	33.1	33.7	33.9	33.9	34.0	34.0	34.1	34.1	34.2	34.2
≥ 4500	23.9	27.8	28.4	29.4	31.5	31.8	33.1	33.7	33.9	33.9	34.0	34.1	34.5	34.5	34.6	34.6
≥ 4000	27.6	31.8	32.4	33.4	35.7	36.1	37.5	38.1	38.2	38.2	38.4	38.5	38.9	38.9	39.0	39.0
≥ 3500	30.3	35.0	35.7	36.7	39.4	39.7	41.1	41.7	41.8	42.1	42.2	42.3	42.7	42.7	42.8	42.8
≥ 3000	32.0	37.2	38.6	39.6	42.5	42.8	44.5	45.1	45.2	45.5	45.6	45.7	46.1	46.2	46.3	46.3
≥ 2500	34.1	39.4	40.7	42.5	45.5	45.8	47.4	48.1	48.2	48.4	48.6	48.7	49.1	49.2	49.3	49.3
≥ 2000	36.7	43.0	44.3	46.2	49.3	49.9	51.6	52.3	52.4	52.7	52.8	52.9	53.3	53.4	53.5	53.5
≥ 1800	37.7	44.0	45.3	47.3	50.4	51.1	52.7	53.4	53.5	53.8	53.9	54.0	54.4	54.5	54.7	54.7
≥ 1500	39.7	47.2	48.8	51.1	55.3	55.9	57.5	58.4	58.5	58.8	58.9	59.0	59.4	59.5	59.7	59.7
≥ 1200	41.1	49.8	51.7	54.3	59.2	59.8	61.5	62.4	62.5	62.8	62.9	63.0	63.4	63.5	63.6	63.6
≥ 1000	41.7	51.2	53.2	56.2	61.6	62.3	64.1	65.0	65.1	65.4	65.5	65.6	66.0	66.1	66.3	66.3
≥ 900	42.2	51.7	53.7	56.8	62.4	63.0	65.0	65.9	66.0	66.3	66.4	66.5	66.9	67.0	67.1	67.2
≥ 800	42.5	52.4	54.4	57.7	63.9	64.5	67.4	68.5	68.6	69.2	69.4	69.5	69.9	70.0	70.1	70.2
≥ 700	43.5	53.5	55.7	59.4	66.9	67.5	70.7	71.9	72.0	72.6	72.7	72.9	73.2	73.3	73.5	73.6
≥ 600	43.6	53.9	56.2	60.3	69.2	70.0	74.6	76.2	76.5	77.2	77.3	77.5	77.8	78.0	78.1	78.2
≥ 500	44.0	54.4	56.7	60.9	70.5	71.2	76.3	78.3	78.7	79.8	80.1	80.4	80.9	81.1	81.2	81.3
≥ 400	44.1	54.5	56.9	61.1	72.4	73.2	79.0	81.1	81.6	83.2	83.4	83.8	84.3	84.4	84.6	84.7
≥ 300	44.1	54.5	57.2	61.5	73.5	74.6	80.7	83.3	83.9	85.9	86.3	86.7	87.8	87.9	88.0	88.2
≥ 200	44.1	54.5	57.2	61.5	73.6	74.8	81.2	84.1	85.1	88.3	89.2	89.9	91.2	92.3	92.5	92.7
≥ 100	44.1	54.5	57.2	61.5	73.6	74.8	81.2	84.1	85.1	88.3	89.3	90.3	91.8	93.8	94.9	96.8
≥ 0	44.1	54.5	57.2	61.5	73.7	75.0	81.3	84.2	85.2	88.4	89.4	90.4	91.9	93.9	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 803

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6163 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.0	20.1	21.1	21.4	22.7	22.7	23.3	23.4	23.9	24.3	24.3	24.4	24.6	25.1	25.2	25.3
≥ 20000	19.6	21.9	22.9	23.3	24.6	24.6	25.2	25.3	25.8	26.4	26.4	26.6	26.7	27.2	27.3	27.4
≥ 18000	19.6	22.1	23.1	23.4	24.7	24.7	25.3	25.4	25.9	26.6	26.6	26.7	26.8	27.3	27.4	27.6
≥ 16000	19.6	22.1	23.1	23.4	24.8	24.8	25.4	25.6	26.1	26.7	26.7	26.8	26.9	27.4	27.6	27.7
≥ 14000	19.6	22.1	23.1	23.4	24.8	24.8	25.4	25.6	26.1	26.7	26.7	26.8	26.9	27.4	27.6	27.7
≥ 12000	19.8	22.4	23.4	23.8	25.2	25.2	25.8	25.9	26.4	27.1	27.1	27.2	27.3	27.8	27.9	28.1
≥ 10000	20.9	23.9	24.9	25.3	26.7	26.7	27.7	27.8	28.3	28.9	28.9	29.1	29.2	29.7	29.8	29.9
≥ 9000	21.9	24.9	25.9	26.3	27.7	27.7	28.7	28.8	29.3	29.9	29.9	30.0	30.2	30.7	30.8	30.9
≥ 8000	22.7	25.8	26.8	27.2	28.6	28.6	29.6	29.7	30.2	30.8	30.8	30.9	31.0	31.5	31.7	31.8
≥ 7000	22.7	25.8	26.8	27.2	28.6	28.6	29.6	29.7	30.2	30.8	30.8	30.9	31.0	31.5	31.7	31.9
≥ 6000	23.2	26.3	27.3	27.7	29.1	29.1	30.0	30.2	30.7	31.3	31.3	31.4	31.5	32.0	32.2	32.4
≥ 5000	24.6	27.8	28.8	29.4	30.8	30.8	32.2	32.3	32.8	33.4	33.4	33.5	33.7	34.2	34.3	34.5
≥ 4500	24.9	28.2	29.2	29.8	31.2	31.2	32.5	32.7	33.2	33.8	33.8	33.9	34.4	34.9	35.0	35.3
≥ 4000	28.2	31.8	33.0	33.7	35.8	36.0	37.5	37.7	38.2	38.8	38.8	38.9	39.4	40.0	40.1	40.4
≥ 3500	30.4	34.4	35.8	36.8	38.9	39.2	40.6	40.8	41.3	41.9	41.9	42.0	42.5	43.1	43.3	43.5
≥ 3000	31.8	36.2	38.0	39.2	41.6	41.9	43.4	43.5	44.0	44.6	44.6	44.9	45.4	46.0	46.1	46.4
≥ 2500	33.7	38.3	40.1	41.4	44.5	44.8	46.5	46.6	47.1	47.8	47.8	48.0	48.5	49.1	49.3	49.5
≥ 2000	36.3	41.5	43.5	44.8	48.1	48.4	50.1	50.4	51.0	51.6	51.6	51.9	52.4	53.0	53.1	53.4
≥ 1800	36.9	42.3	44.4	45.6	49.5	49.8	51.5	51.9	52.5	53.1	53.1	53.4	53.9	54.5	54.6	54.9
≥ 1500	38.8	45.0	47.1	48.8	53.5	53.7	55.5	56.0	56.6	57.2	57.2	57.5	58.0	58.6	58.7	59.0
≥ 1200	40.9	48.0	50.1	52.0	57.1	57.4	59.1	59.6	60.2	60.8	60.8	61.1	61.6	62.2	62.3	62.6
≥ 1000	43.3	51.5	54.0	55.9	61.6	61.8	63.6	64.1	64.7	65.3	65.3	65.6	66.2	66.8	67.0	67.2
≥ 900	43.8	52.0	54.6	56.6	62.5	62.7	64.5	65.0	65.6	66.2	66.2	66.5	67.1	67.7	67.8	68.1
≥ 800	44.3	52.9	55.7	57.9	64.0	64.2	66.1	66.7	67.3	68.1	68.1	68.3	69.0	69.6	69.7	70.0
≥ 700	44.4	53.5	56.6	59.0	65.5	65.7	68.5	69.2	69.8	70.6	70.6	70.8	71.4	72.1	72.2	72.4
≥ 600	44.8	54.4	57.7	60.7	68.0	68.6	72.1	72.8	73.4	74.3	74.3	74.6	75.2	75.8	75.9	76.2
≥ 500	45.1	55.0	58.5	61.8	69.6	70.2	74.4	75.4	76.1	77.6	77.6	77.9	78.6	79.2	79.3	79.6
≥ 400	45.8	55.7	59.5	63.0	71.2	72.1	76.6	77.6	78.2	79.8	79.8	80.2	80.9	81.7	81.8	82.0
≥ 300	45.8	56.1	59.9	63.3	72.1	73.1	78.2	79.3	80.3	82.0	82.0	82.8	83.9	84.9	85.0	85.3
≥ 200	45.9	56.2	60.0	63.5	72.6	73.6	79.4	80.8	82.3	85.7	86.2	87.2	88.3	89.7	90.1	90.4
≥ 100	45.9	56.2	60.0	63.5	72.6	73.6	79.4	80.9	82.4	86.3	86.9	88.0	89.5	92.8	94.4	96.0
≥ 0	45.9	56.2	60.0	63.5	72.6	73.6	79.4	80.9	82.4	86.3	86.9	88.0	89.5	93.0	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 802

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1'616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	13.8	15.8	16.9	17.3	18.5	18.6	19.1	19.4	19.5	19.9	20.0	20.0	20.2	20.4	20.6	21.0
≥ 20000	15.4	17.8	19.0	19.6	21.0	21.0	21.7	22.0	22.1	22.5	22.7	22.7	22.8	23.1	23.3	23.7
≥ 18000	15.6	18.0	19.2	19.8	21.2	21.2	21.9	22.2	22.3	22.7	22.9	22.9	23.0	23.3	23.5	23.9
≥ 16000	15.7	18.1	19.3	19.9	21.3	21.4	22.0	22.3	22.5	22.9	23.0	23.1	23.2	23.4	23.6	24.0
≥ 14000	16.0	18.5	19.7	20.2	21.6	21.7	22.4	22.7	22.8	23.2	23.4	23.4	23.6	23.8	24.0	24.4
≥ 12000	16.6	19.2	20.4	20.9	22.4	22.4	23.1	23.4	23.6	24.0	24.1	24.2	24.3	24.5	24.7	25.1
≥ 10000	17.3	20.0	21.2	21.7	23.3	23.3	24.1	24.4	24.5	24.9	25.1	25.1	25.3	25.5	25.7	26.1
≥ 9000	17.8	20.6	21.8	22.3	23.9	24.0	24.8	25.0	25.2	25.6	25.8	25.8	25.9	26.2	26.4	26.8
≥ 8000	18.7	21.6	22.8	23.4	25.0	25.1	25.9	26.2	26.3	26.7	26.9	26.9	27.1	27.3	27.5	27.9
≥ 7000	19.2	22.1	23.4	24.0	25.6	25.7	26.6	26.8	27.0	27.4	27.6	27.6	27.7	28.0	28.2	28.6
≥ 6000	19.3	22.3	23.6	24.1	25.8	25.9	26.7	27.0	27.2	27.6	27.8	27.8	27.9	28.2	28.4	28.8
≥ 5000	20.2	23.3	24.6	25.2	26.9	27.1	27.9	28.2	28.4	28.8	29.0	29.0	29.1	29.4	29.6	30.0
≥ 4500	20.5	23.6	24.9	25.5	27.3	27.4	28.3	28.6	28.8	29.2	29.4	29.4	29.6	29.9	30.1	30.5
≥ 4000	23.3	26.8	28.3	29.0	31.1	31.3	32.3	32.6	32.8	33.2	33.3	33.4	33.6	33.9	34.1	34.5
≥ 3500	25.0	28.8	30.5	31.3	33.6	33.8	34.8	35.1	35.3	35.8	35.9	36.0	36.2	36.5	36.7	37.2
≥ 3000	26.9	31.1	33.1	34.0	36.8	37.0	38.2	38.5	38.8	39.3	39.5	39.6	39.8	40.1	40.3	40.7
≥ 2500	28.8	33.3	35.3	36.5	39.6	39.8	41.1	41.4	41.7	42.3	42.4	42.5	42.8	43.1	43.3	43.7
≥ 2000	31.5	36.6	38.9	40.2	43.7	43.9	45.5	45.9	46.3	46.9	47.1	47.2	47.4	47.7	48.0	48.4
≥ 1800	32.5	37.7	40.1	41.5	45.1	45.4	47.0	47.4	47.8	48.4	48.6	48.7	49.0	49.3	49.5	49.9
≥ 1500	35.1	41.0	43.5	45.4	49.8	50.1	51.8	52.3	52.7	53.3	53.5	53.6	53.9	54.2	54.4	54.8
≥ 1200	37.4	44.3	47.1	49.3	54.2	54.4	56.3	56.8	57.1	57.8	58.0	58.2	58.4	58.7	58.9	59.4
≥ 1000	38.7	46.4	49.5	51.9	57.1	57.4	59.4	60.1	60.4	61.2	61.4	61.5	61.8	62.1	62.4	62.8
≥ 900	39.2	47.1	50.2	52.9	58.2	58.5	60.6	61.2	61.6	62.3	62.5	62.7	62.9	63.3	63.5	64.0
≥ 800	40.2	48.6	51.9	55.0	60.7	61.0	63.5	64.2	64.5	65.5	65.7	65.8	66.1	66.4	66.7	67.1
≥ 700	40.6	49.4	52.9	56.3	62.6	62.9	65.6	66.4	66.7	67.7	67.9	68.1	68.3	68.7	68.9	69.4
≥ 600	41.1	50.2	53.9	57.7	65.0	65.5	69.0	70.0	70.4	71.5	71.7	71.9	72.2	72.6	72.8	73.2
≥ 500	41.8	51.2	55.2	59.5	67.9	68.4	72.7	74.2	74.7	76.0	76.4	76.6	77.0	77.5	77.8	78.2
≥ 400	42.2	51.8	55.8	60.4	69.6	70.2	75.0	76.7	77.2	78.8	79.2	79.5	79.9	80.5	80.8	81.2
≥ 300	42.3	52.0	56.2	60.8	70.8	71.5	77.1	79.4	80.1	82.1	82.7	83.1	83.8	84.7	84.9	85.4
≥ 200	42.3	52.0	56.2	60.9	71.3	72.1	78.0	80.7	81.9	84.9	85.7	86.5	87.5	89.0	89.9	90.5
≥ 100	42.3	52.0	56.2	60.9	71.3	72.1	78.1	80.8	82.1	85.4	86.3	87.2	88.5	91.4	93.6	96.5
≥ 0	42.3	52.0	56.2	60.9	71.3	72.1	78.1	80.8	82.1	85.4	86.3	87.2	88.6	91.5	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6414

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	8.0	10.0	10.5	10.5	12.6	12.7	14.3	15.2	15.2	15.6	15.6	15.7	15.9	16.4	17.0	17.3
≥ 20000	9.2	11.6	12.2	12.2	14.5	14.6	16.2	17.5	17.5	17.9	17.9	18.0	18.2	18.7	19.3	19.6
≥ 18000	9.2	11.6	12.2	12.2	14.5	14.6	16.2	17.5	17.5	17.9	17.9	18.0	18.2	18.7	19.3	19.6
≥ 16000	9.2	11.7	12.3	12.3	14.6	14.7	16.3	17.6	17.6	18.0	18.0	18.1	18.4	18.8	19.4	19.7
≥ 14000	9.2	11.7	12.3	12.3	14.6	14.7	16.3	17.6	17.6	18.0	18.0	18.1	18.4	18.8	19.4	19.7
≥ 12000	9.4	12.0	12.6	12.6	14.9	15.0	16.5	17.9	17.9	18.2	18.2	18.4	18.6	19.1	19.7	19.9
≥ 10000	9.8	12.3	12.9	12.9	15.2	15.3	16.9	18.2	18.2	18.6	18.6	18.7	19.0	19.4	20.0	20.3
≥ 9000	9.9	12.6	13.2	13.2	15.5	15.6	17.1	18.5	18.5	18.8	18.8	19.0	19.2	19.7	20.3	20.5
≥ 8000	10.4	13.2	14.1	14.1	16.4	16.5	18.1	19.4	19.4	19.8	19.8	19.9	20.2	20.7	21.3	21.5
≥ 7000	10.5	13.6	14.6	14.6	16.9	17.0	18.5	19.9	19.9	20.3	20.3	20.4	20.7	21.1	21.7	22.0
≥ 6000	10.9	14.1	15.1	15.1	17.4	17.5	19.1	20.4	20.4	20.8	20.8	20.9	21.1	21.6	22.2	22.5
≥ 5000	11.1	14.4	15.5	15.5	17.9	18.0	19.6	20.9	20.9	21.3	21.3	21.4	21.6	22.1	22.7	22.9
≥ 4500	11.6	14.9	15.9	15.9	18.4	18.5	20.0	21.4	21.4	21.7	21.7	21.9	22.1	22.6	23.2	23.4
≥ 4000	13.6	17.1	18.2	18.2	2 .0	21.1	22.7	24.3	24.3	24.6	24.6	24.8	25.1	25.6	26.2	26.4
≥ 3500	14.9	18.4	19.4	19.4	22.5	22.6	24.4	26.1	26.1	26.4	26.4	26.6	26.9	27.4	28.0	28.3
≥ 3000	17.9	21.5	22.9	22.9	26.6	26.7	28.5	30.2	30.2	30.6	30.6	30.7	31.0	31.5	32.1	32.4
≥ 2500	21.5	25.7	27.2	27.2	30.8	30.9	32.9	34.5	34.5	34.9	34.9	35.0	35.4	35.9	36.5	36.7
≥ 2000	23.6	28.5	30.0	30.1	33.7	33.8	35.9	37.6	37.6	38.3	38.3	38.4	38.8	39.3	39.9	40.1
≥ 1800	24.4	29.3	30.8	30.9	34.7	34.8	36.8	38.5	38.5	39.3	39.3	39.4	39.7	40.2	40.8	41.1
≥ 1500	26.8	32.4	33.9	34.9	38.9	39.0	41.4	43.1	43.1	43.8	43.8	44.0	44.3	44.8	45.4	45.7
≥ 1200	28.6	35.0	36.7	37.9	43.1	43.2	45.7	47.3	47.3	48.1	48.1	48.2	48.6	49.0	49.6	49.9
≥ 1000	30.6	37.1	39.4	40.7	46.5	46.7	49.3	51.2	51.3	52.2	52.2	52.3	52.7	53.1	53.7	54.0
≥ 900	31.5	38.4	40.9	42.4	48.3	48.6	51.1	53.0	53.1	54.0	54.0	54.1	54.5	55.0	55.6	55.8
≥ 800	32.6	39.7	42.5	44.3	51.0	51.2	54.1	56.0	56.3	57.1	57.1	57.2	57.6	58.1	58.7	58.9
≥ 700	33.5	40.7	43.5	45.3	52.1	52.3	56.0	58.1	58.6	59.4	59.4	59.5	59.9	60.4	61.0	61.2
≥ 600	33.9	41.8	44.6	46.4	53.6	54.0	58.0	60.1	60.6	61.6	61.6	61.7	62.1	62.6	63.2	63.4
≥ 500	35.1	43.2	46.4	49.0	57.1	57.5	62.4	65.0	65.8	67.0	67.0	67.1	67.5	68.0	68.6	68.8
≥ 400	35.3	43.5	46.6	50.2	59.5	59.9	65.2	68.4	69.2	70.7	70.7	70.8	71.3	71.7	72.3	72.6
≥ 300	35.5	43.7	47.0	50.7	60.4	60.7	66.4	69.9	70.8	72.6	72.6	72.7	73.6	74.8	75.4	75.6
≥ 200	35.6	43.8	47.1	50.8	60.6	61.0	67.5	71.4	72.8	75.8	76.2	76.6	78.4	82.1	84.7	85.6
≥ 100	35.7	44.0	47.2	51.0	60.9	61.2	68.0	72.0	74.2	77.9	79.0	80.2	82.7	88.6	91.5	97.0
≥ 0	35.7	44.0	47.2	51.0	60.9	61.2	68.0	72.0	74.2	77.9	79.0	80.2	83.0	88.9	91.9	100.0

TOTAL NUMBER OF OBSERVATIONS 828

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB OL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (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	6.9	8.8	9.4	9.9	11.5	12.2	13.0	13.0	13.0	13.6	13.6	14.1	14.3	14.7	14.7	14.9
≥ 20000	7.6	9.7	10.4	10.9	12.6	13.3	14.4	14.4	14.4	15.0	15.0	15.5	15.6	16.1	16.1	16.2
≥ 18000	7.6	9.7	10.4	10.9	12.6	13.3	14.6	14.6	14.6	15.2	15.2	15.7	15.8	16.3	16.3	16.4
≥ 16000	7.7	9.8	10.5	11.0	12.7	13.4	14.7	14.7	14.7	15.3	15.3	15.8	15.9	16.4	16.4	16.5
≥ 14000	7.7	9.8	10.5	11.0	12.7	13.4	14.7	14.7	14.7	15.3	15.3	15.8	15.9	16.4	16.4	16.5
≥ 12000	7.7	9.8	10.5	11.0	12.7	13.4	14.7	14.7	14.7	15.3	15.3	15.8	15.9	16.4	16.4	16.5
≥ 10000	7.7	9.9	10.6	11.1	12.8	13.5	14.9	14.9	14.9	15.5	15.5	15.9	16.1	16.5	16.5	16.7
≥ 9000	7.7	10.0	10.7	11.2	12.9	13.6	15.0	15.0	15.0	15.6	15.6	16.1	16.2	16.7	16.7	16.8
≥ 8000	8.3	10.7	11.8	12.4	14.4	15.1	16.7	16.7	16.7	17.3	17.3	17.8	17.9	18.4	18.4	18.5
≥ 7000	8.5	11.1	12.2	12.9	14.9	15.6	17.1	17.1	17.1	17.8	17.8	18.2	18.4	18.8	18.8	19.0
≥ 6000	8.5	11.1	12.2	12.9	14.9	15.6	17.1	17.1	17.1	17.8	17.8	18.2	18.4	18.8	18.8	19.0
≥ 5000	8.7	11.4	12.4	13.2	15.1	15.8	17.4	17.4	17.4	18.0	18.0	18.5	18.6	19.1	19.1	19.2
≥ 4500	9.5	12.4	13.5	14.3	16.2	16.9	18.5	18.5	18.5	19.2	19.2	19.7	19.8	20.3	20.3	20.4
≥ 4000	10.6	13.9	15.1	15.9	18.4	19.1	20.9	20.9	20.9	21.6	21.6	22.1	22.2	22.7	22.7	22.8
≥ 3500	12.3	15.6	16.8	17.6	20.2	20.9	22.8	22.8	22.8	23.6	23.6	24.0	24.2	24.6	24.6	24.8
≥ 3000	14.1	17.4	18.8	19.7	22.7	23.4	25.4	25.4	25.4	26.1	26.1	26.6	26.7	27.2	27.2	27.3
≥ 2500	17.5	20.9	22.6	23.7	26.7	27.4	29.5	29.5	29.5	30.2	30.2	30.7	30.8	31.3	31.3	31.4
≥ 2000	19.6	23.3	25.0	26.2	29.5	30.2	32.6	32.6	32.6	33.7	33.9	34.4	34.5	35.0	35.0	35.1
≥ 1800	20.0	24.2	25.8	27.2	30.4	31.2	33.6	33.6	33.6	34.7	34.9	35.4	35.5	36.0	36.0	36.1
≥ 1500	24.0	28.9	31.2	32.6	36.0	36.7	39.4	39.4	39.4	40.5	40.7	41.2	41.3	41.8	41.8	41.9
≥ 1200	26.2	32.9	35.3	37.2	40.9	41.7	44.3	44.4	44.4	45.5	45.8	46.3	46.4	46.9	46.9	47.0
≥ 1000	27.4	34.5	37.1	39.1	43.5	44.2	46.9	47.1	47.1	48.3	48.6	49.0	49.2	49.6	49.6	49.8
≥ 900	28.4	36.2	38.8	40.8	45.2	45.9	48.6	48.9	48.9	50.1	50.4	50.8	51.0	51.4	51.4	51.6
≥ 800	30.3	39.5	42.5	45.2	49.6	50.5	53.5	53.9	53.9	55.1	55.3	55.8	55.9	56.4	56.4	56.5
≥ 700	31.8	41.2	44.2	47.0	51.9	52.8	56.6	57.0	57.0	58.2	58.5	58.9	59.1	59.5	59.5	59.7
≥ 600	32.4	42.8	45.9	48.8	54.3	55.2	59.5	60.4	60.4	61.7	62.0	62.6	62.7	63.2	63.2	63.3
≥ 500	32.7	43.5	47.0	50.8	58.1	58.9	64.4	65.8	65.9	67.4	67.6	68.5	68.7	69.2	69.2	69.3
≥ 400	32.9	43.6	47.2	51.4	59.9	60.7	67.1	68.7	68.8	70.5	71.0	71.9	72.3	72.8	72.8	72.9
≥ 300	32.9	43.6	47.2	51.6	60.7	61.6	68.4	70.5	70.8	72.9	73.7	74.6	75.7	76.3	76.4	76.6
≥ 200	32.9	43.6	47.2	51.6	61.2	62.1	69.7	72.1	72.3	75.5	76.3	77.4	79.0	82.0	83.7	84.7
≥ 100	32.9	43.6	47.2	51.8	61.5	62.3	70.2	72.9	73.3	77.1	78.0	79.6	81.2	87.7	91.7	96.7
≥ 0	32.9	43.6	47.2	51.8	61.5	62.3	70.2	72.9	73.3	77.1	78.0	79.6	81.3	88.0	92.5	100.0

TOTAL NUMBER OF OBSERVATIONS 828

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 (160) HAHN AB OL 73-81 DEC

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	6.6	8.2	9.3	9.8	11.0	11.1	12.1	12.4	12.4	13.1	13.1	13.3	13.4	13.6	13.6	13.6
≥ 20000	7.7	9.5	10.6	11.1	12.4	12.5	13.9	14.5	14.5	15.2	15.2	15.3	15.4	15.7	15.7	15.8
≥ 18000	7.7	9.7	10.7	11.2	12.5	12.7	14.0	14.6	14.6	15.3	15.3	15.4	15.6	15.8	15.8	15.9
≥ 16000	7.7	9.7	10.7	11.2	12.5	12.7	14.0	14.6	14.6	15.3	15.3	15.4	15.6	15.8	15.8	15.9
≥ 14000	7.7	9.7	10.7	11.2	12.5	12.7	14.0	14.6	14.6	15.3	15.3	15.4	15.6	15.8	15.8	15.9
≥ 12000	8.0	9.9	11.0	11.5	12.8	12.9	14.2	14.8	14.8	15.6	15.6	15.7	15.8	16.0	16.0	16.2
≥ 10000	8.1	10.0	11.2	11.7	13.0	13.1	14.5	15.1	15.1	15.8	15.8	15.9	16.0	16.3	16.3	16.4
≥ 9000	8.2	10.1	11.3	11.8	13.1	13.3	14.6	15.2	15.2	15.9	15.9	16.0	16.2	16.4	16.4	16.5
≥ 8000	9.0	11.0	12.2	12.7	14.1	14.2	15.6	16.2	16.2	16.9	16.9	17.0	17.1	17.4	17.4	17.5
≥ 7000	9.4	11.5	12.7	13.3	14.7	14.8	16.4	17.0	17.0	17.7	17.7	18.0	18.1	18.3	18.3	18.5
≥ 6000	9.4	11.5	12.7	13.3	14.7	14.8	16.4	17.0	17.0	17.7	17.7	18.0	18.1	18.3	18.3	18.5
≥ 5000	9.4	11.5	12.7	13.3	14.7	14.8	16.4	17.0	17.0	17.7	17.7	18.0	18.1	18.3	18.3	18.5
≥ 4500	9.5	11.7	12.9	13.5	15.0	15.1	16.6	17.2	17.2	18.0	18.0	18.2	18.3	18.6	18.6	18.7
≥ 4000	10.0	12.4	13.8	14.4	16.0	16.2	17.9	18.5	18.5	19.2	19.2	19.4	19.5	19.8	19.8	19.9
≥ 3500	11.0	13.6	15.0	15.7	17.4	17.5	19.2	19.8	20.0	20.7	20.7	21.0	21.1	21.4	21.4	21.5
≥ 3000	12.3	15.0	16.5	17.2	19.2	19.3	21.4	22.1	22.4	23.2	23.2	23.4	23.5	23.8	23.8	23.9
≥ 2500	15.1	18.6	20.3	21.2	23.2	23.3	25.3	26.2	26.5	27.4	27.5	27.7	27.9	28.1	28.1	28.2
≥ 2000	18.0	22.2	23.9	24.8	27.0	27.1	29.6	30.4	30.8	31.7	31.8	32.1	32.2	32.4	32.4	32.6
≥ 1800	18.6	23.0	24.7	25.7	27.9	28.0	30.6	31.5	31.8	32.8	32.9	33.2	33.3	33.5	33.5	33.7
≥ 1500	22.6	28.0	29.9	31.1	33.3	33.4	36.3	37.4	37.8	38.7	38.8	39.1	39.2	39.4	39.4	39.6
≥ 1200	25.0	31.7	33.9	35.3	37.8	37.9	40.9	42.1	42.5	43.4	43.7	43.9	44.0	44.3	44.3	44.4
≥ 1000	26.1	33.2	35.6	37.0	39.7	39.8	43.4	44.6	45.0	46.0	46.2	46.4	46.6	46.8	46.8	46.9
≥ 900	27.5	35.6	38.1	39.6	42.2	42.3	46.0	47.2	47.5	48.5	48.7	49.0	49.1	49.3	49.3	49.5
≥ 800	29.3	39.0	41.9	43.4	46.6	46.7	50.9	52.2	52.6	53.8	54.0	54.3	54.4	54.6	54.6	54.8
≥ 700	30.8	40.9	43.8	45.6	49.1	49.2	53.8	55.1	55.5	56.7	56.9	57.2	57.3	57.5	57.5	57.7
≥ 600	32.0	42.8	46.0	48.3	52.1	52.2	57.1	58.7	59.1	60.6	60.8	61.0	61.2	61.4	61.4	61.5
≥ 500	33.1	44.5	48.0	51.1	56.7	57.1	62.8	65.6	66.1	67.7	67.9	68.2	68.3	68.6	68.6	68.8
≥ 400	33.8	45.2	48.7	52.0	58.1	58.6	64.9	68.9	69.6	71.8	72.0	72.4	72.5	72.9	72.9	73.0
≥ 300	33.9	45.5	49.0	52.2	58.9	59.3	66.0	70.3	71.0	74.4	74.7	75.4	75.6	76.4	76.4	76.5
≥ 200	34.0	45.6	49.1	52.4	59.1	59.6	66.8	71.7	73.0	77.0	77.6	78.4	79.6	82.8	84.1	86.1
≥ 100	34.0	45.6	49.1	52.4	59.1	59.6	66.8	71.8	73.5	77.8	78.6	79.6	81.2	86.7	90.7	97.6
≥ 0	34.0	45.6	49.1	52.4	59.1	59.6	66.8	71.8	73.5	77.8	78.6	79.6	81.2	86.7	91.3	100.0

TOTAL NUMBER OF OBSERVATIONS 829

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (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	7.0	8.1	8.8	9.4	10.6	10.6	11.1	11.6	11.6	11.9	11.9	11.9	11.9	12.5	13.4	13.5
≥ 20000	9.6	10.8	11.9	12.5	13.8	14.0	14.7	15.4	15.4	15.8	15.8	15.8	15.8	16.4	17.3	17.7
≥ 18000	9.6	10.8	11.9	12.5	13.8	14.0	14.7	15.4	15.4	15.8	15.8	15.8	15.8	16.4	17.3	17.7
≥ 16000	9.6	10.8	11.9	12.5	13.8	14.0	14.7	15.4	15.4	15.8	15.8	15.8	15.8	16.4	17.3	17.7
≥ 14000	9.6	10.8	11.9	12.5	13.8	14.0	14.7	15.4	15.4	15.8	15.8	15.8	15.8	16.4	17.3	17.7
≥ 12000	9.9	11.2	12.3	12.9	14.2	14.3	15.0	15.8	15.8	16.1	16.1	16.1	16.1	16.7	17.7	18.1
≥ 10000	10.1	11.4	12.5	13.1	14.4	14.6	15.4	16.1	16.1	16.6	16.7	16.7	16.7	17.3	18.3	18.7
≥ 9000	10.2	11.6	12.6	13.2	14.6	14.7	15.5	16.2	16.2	16.7	16.8	16.8	16.8	17.4	18.4	18.8
≥ 8000	11.3	13.1	14.3	14.9	16.2	16.4	17.4	18.2	18.2	18.8	18.9	18.9	18.9	19.5	20.5	20.8
≥ 7000	11.7	13.5	14.7	15.3	16.6	16.7	17.8	18.5	18.5	19.1	19.3	19.3	19.3	19.9	20.8	21.2
≥ 6000	11.9	13.6	14.8	15.4	16.7	16.8	18.1	18.8	18.8	19.4	19.5	19.5	19.5	20.1	21.1	21.4
≥ 5000	12.2	14.2	15.4	16.0	17.4	17.6	18.8	19.5	19.5	20.2	20.3	20.3	20.5	21.1	22.0	22.4
≥ 4500	12.3	14.3	15.6	16.2	17.7	17.8	19.0	19.9	19.9	20.6	20.7	20.7	20.8	21.4	22.4	22.9
≥ 4000	13.2	15.8	17.3	18.1	19.6	19.7	2[illegible].4	22.3	22.3	23.0	23.1	23.1	23.2	23.8	24.8	25.3
≥ 3500	13.7	16.7	18.3	19.0	20.8	20.9	22.7	23.6	23.6	24.3	24.4	24.4	24.5	25.4	26.4	26.8
≥ 3000	14.7	17.9	19.6	20.5	22.4	22.5	24.3	25.4	25.5	26.4	26.5	26.5	26.6	27.4	28.4	28.9
≥ 2500	15.8	19.1	20.8	21.8	23.8	23.9	26.1	27.2	27.6	28.6	28.8	28.8	28.9	29.7	30.7	31.2
≥ 2000	18.3	22.4	24.2	25.4	27.6	27.7	30.0	31.2	31.6	32.9	33.1	33.1	33.2	34.1	35.0	35.5
≥ 1800	18.9	23.2	25.0	26.5	28.6	28.8	31.0	32.3	32.7	33.9	34.2	34.2	34.3	35.1	36.1	36.6
≥ 1500	22.4	27.2	29.2	31.2	33.8	33.9	36.3	37.7	38.3	39.5	39.7	39.7	39.8	40.7	41.6	42.1
≥ 1200	24.7	30.2	32.3	34.3	36.9	37.1	39.5	40.8	41.4	42.6	42.8	42.8	43.0	43.8	44.8	45.2
≥ 1000	27.6	33.6	35.9	37.9	41.0	41.2	43.7	45.7	46.3	47.5	47.8	47.8	47.9	48.7	49.7	50.2
≥ 900	28.8	35.0	37.3	39.4	42.6	42.7	45.2	47.3	47.9	49.1	49.3	49.3	49.5	50.3	51.3	51.7
≥ 800	30.8	37.9	40.3	42.4	46.2	46.3	49.2	51.3	51.9	53.3	53.5	53.5	53.7	54.5	55.5	56.1
≥ 700	32.0	39.2	41.6	44.3	48.9	49.1	52.1	54.2	54.8	56.4	56.7	56.8	56.9	57.8	58.7	59.3
≥ 600	33.1	40.9	43.7	46.3	51.6	52.0	55.2	57.5	58.2	60.0	60.4	60.5	60.6	61.5	62.5	63.1
≥ 500	33.8	42.1	45.0	47.7	54.0	54.4	58.0	60.9	61.7	63.8	64.1	64.4	64.5	65.3	66.3	66.9
≥ 400	33.9	42.4	45.2	48.0	54.9	55.2	59.6	62.7	63.5	66.2	66.5	66.8	66.9	67.7	68.7	69.3
≥ 300	34.4	43.1	46.0	48.7	56.1	56.4	62.1	65.9	67.3	71.6	72.1	72.4	73.0	73.9	75.0	75.7
≥ 200	34.4	43.1	46.1	48.9	56.2	56.6	62.7	67.0	69.0	74.7	75.7	76.2	77.6	80.3	84.0	87.2
≥ 100	34.4	43.1	46.1	48.9	56.3	56.7	62.8	67.1	69.1	75.9	77.1	77.6	79.4	84.7	90.1	98.1
≥ 0	34.4	43.1	46.1	48.9	56.3	56.7	62.8	67.1	69.1	75.9	77.1	77.6	79.4	85.0	90.7	100.0

TOTAL NUMBER OF OBSERVATIONS 831

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (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	8.7	10.6	12.4	12.5	14.1	14.4	14.6	15.0	15.1	15.6	15.6	15.6	15.7	15.8	16.3	16.4
≥ 20000	9.7	12.4	14.5	15.1	17.1	17.4	17.7	18.1	18.3	18.8	18.8	18.8	18.9	19.1	19.7	20.1
≥ 18000	9.7	12.4	14.5	15.1	17.1	17.4	17.7	18.1	18.3	18.8	18.8	18.8	18.9	19.1	19.7	20.1
≥ 16000	10.0	12.8	14.8	15.4	17.5	17.7	18.1	18.5	18.7	19.2	19.2	19.2	19.3	19.4	20.0	20.5
≥ 14000	10.1	12.9	15.0	15.6	17.6	17.9	18.2	18.6	18.8	19.3	19.3	19.3	19.4	19.5	20.1	20.6
≥ 12000	10.3	13.0	15.1	15.7	17.7	18.0	18.3	18.7	18.9	19.4	19.4	19.4	19.5	19.7	20.3	20.7
≥ 10000	10.5	13.3	15.4	16.0	18.3	18.6	18.9	19.3	19.5	20.0	20.0	20.0	20.1	20.3	20.9	21.4
≥ 9000	11.0	13.8	15.9	16.5	18.8	19.1	19.4	19.8	20.0	20.5	20.5	20.5	20.6	20.7	21.4	21.8
≥ 8000	11.7	14.5	16.6	17.2	19.8	20.1	20.6	21.0	21.2	21.7	21.7	21.7	21.8	22.0	22.6	23.0
≥ 7000	12.2	15.0	17.1	17.7	20.3	20.6	21.2	21.6	21.8	22.3	22.3	22.3	22.4	22.6	23.2	23.6
≥ 6000	12.5	15.3	17.5	18.1	20.6	21.0	21.7	22.1	22.3	22.8	22.8	22.8	22.9	23.0	23.6	24.1
≥ 5000	12.8	15.6	17.7	18.3	20.9	21.2	22.2	22.9	23.2	23.6	23.6	23.6	23.8	23.9	24.5	25.0
≥ 4500	13.1	16.0	18.2	18.8	21.4	21.7	22.7	23.4	23.6	24.1	24.1	24.1	24.2	24.4	25.0	25.5
≥ 4000	13.6	17.0	19.4	20.3	22.8	23.2	24.2	25.0	25.2	26.1	26.1	26.1	26.2	26.3	26.9	27.4
≥ 3500	14.2	17.9	20.4	21.2	23.8	24.1	25.3	26.1	26.3	27.1	27.1	27.1	27.3	27.4	28.0	28.5
≥ 3000	15.1	18.7	21.2	22.2	24.7	25.1	26.3	27.0	27.5	28.3	28.3	28.3	28.5	28.6	29.2	29.7
≥ 2500	16.4	20.5	23.0	24.1	26.7	27.0	28.5	29.3	29.8	30.6	30.6	30.6	30.8	30.9	31.5	32.0
≥ 2000	18.9	23.6	26.2	27.7	30.3	30.6	32.1	33.1	33.5	34.4	34.4	34.4	34.5	34.6	35.2	35.7
≥ 1800	20.4	25.2	27.7	29.3	32.0	32.3	33.8	34.7	35.2	36.1	36.1	36.1	36.2	36.3	36.9	37.4
≥ 1500	23.4	29.2	32.1	33.8	36.6	37.0	38.6	39.6	40.0	40.9	40.9	40.9	41.1	41.3	41.9	42.3
≥ 1200	28.0	33.9	37.2	39.1	42.2	42.7	44.4	45.5	46.0	47.0	47.0	47.0	47.5	47.8	48.4	48.9
≥ 1000	30.8	37.0	40.4	43.2	46.4	46.9	48.7	50.1	50.5	51.7	51.7	51.9	52.5	52.7	53.3	53.8
≥ 900	31.7	38.1	41.7	44.5	47.9	48.4	50.2	51.5	52.0	53.3	53.3	53.4	54.0	54.3	54.9	55.4
≥ 800	33.8	40.5	44.6	48.1	51.6	52.1	54.3	55.6	56.1	57.9	57.9	58.0	58.7	59.0	59.6	60.1
≥ 700	34.4	41.3	45.5	49.2	53.0	53.4	56.0	57.3	57.8	59.7	59.7	59.8	60.6	60.8	61.4	61.9
≥ 600	35.0	42.9	48.0	51.9	56.3	56.8	59.6	61.0	61.5	63.6	63.6	63.8	64.5	64.8	65.4	65.9
≥ 500	35.2	43.5	49.1	53.4	58.5	59.0	62.0	63.7	64.2	66.6	66.8	67.3	68.0	68.3	68.9	69.4
≥ 400	35.5	44.0	49.6	54.2	60.1	60.6	63.6	65.7	66.8	70.0	70.2	70.8	71.5	71.9	72.5	73.0
≥ 300	35.6	44.5	50.2	55.1	62.0	62.6	66.8	69.4	70.4	75.2	75.4	76.2	77.2	77.8	78.5	79.0
≥ 200	35.6	44.5	50.2	55.1	62.1	63.0	67.2	70.2	71.5	77.9	78.6	80.0	81.5	83.5	85.6	88.1
≥ 100	35.6	44.5	50.2	55.2	62.4	63.2	67.4	70.4	71.9	79.4	80.5	82.0	84.1	89.4	93.1	98.1
≥ 0	35.6	44.5	50.2	55.2	62.4	63.2	67.4	70.4	71.9	79.4	80.5	82.0	84.1	89.5	93.4	100.0

TOTAL NUMBER OF OBSERVATIONS 829

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6162 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (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	9.9	11.4	12.8	13.5	13.9	14.0	14.3	14.5	14.5	14.9	15.1	15.1	15.1	15.1	15.8	15.9
≥ 20000	11.1	13.1	15.1	15.8	16.5	16.6	17.1	17.5	17.5	18.0	18.1	18.1	18.1	18.1	18.8	18.9
≥ 18000	11.2	1[illegible].4	15.3	16.0	16.7	16.9	17.3	17.7	17.7	18.2	18.3	18.3	18.3	18.3	19.0	19.2
≥ 16000	11.4	13.6	15.5	16.3	17.0	17.1	17.6	18.0	18.0	18.4	18.6	18.6	18.6	18.6	19.3	19.4
≥ 14000	11.4	13.6	15.5	16.3	17.0	17.1	17.6	18.0	18.0	18.4	18.6	18.6	18.6	18.6	19.3	19.4
≥ 12000	11.8	14.0	15.9	16.6	17.3	17.5	18.0	18.3	18.4	18.9	19.0	19.0	19.0	19.0	19.8	19.9
≥ 10000	12.0	14.2	16.1	17.1	17.8	18.0	18.6	18.9	19.0	19.6	19.8	19.8	19.8	19.8	20.5	20.6
≥ 9000	12.5	14.8	16.7	17.7	18.4	18.6	19.2	19.5	19.6	20.2	20.4	20.4	20.4	20.4	21.1	21.2
≥ 8000	13.3	15.7	17.7	18.8	20.1	20.2	21.1	21.4	21.6	22.2	22.3	22.3	22.4	22.4	23.1	23.3
≥ 7000	13.5	15.9	18.0	19.0	20.6	20.7	21.6	21.9	22.0	22.7	22.8	22.8	22.9	22.9	23.6	23.7
≥ 6000	13.5	15.9	18.0	19.0	20.6	20.7	21.6	21.9	22.0	22.7	22.8	22.8	22.9	22.9	23.6	23.7
≥ 5000	14.0	16.5	18.6	19.6	21.2	21.3	22.2	22.5	22.7	23.3	23.4	23.4	23.5	23.5	24.2	24.3
≥ 4500	14.1	16.7	18.8	19.9	21.7	21.8	22.7	23.0	23.1	23.7	23.9	23.9	24.0	24.0	24.7	24.8
≥ 4000	14.7	17.5	19.5	20.8	22.9	23.3	24.1	24.5	24.6	25.3	25.4	25.4	25.5	25.5	26.3	26.4
≥ 3500	15.4	18.2	20.2	21.6	23.6	24.0	24.8	25.3	25.4	26.3	26.4	26.4	26.5	26.5	27.2	27.3
≥ 3000	17.0	20.1	22.2	23.6	25.8	26.1	27.1	27.6	27.7	28.6	28.7	28.8	28.9	28.9	29.6	29.8
≥ 2500	18.7	23.1	25.2	26.7	29.2	29.5	30.8	31.3	31.4	32.3	32.4	32.5	32.7	32.7	33.4	33.5
≥ 2000	21.8	27.1	29.4	31.2	33.6	34.0	35.4	35.9	36.1	37.1	37.2	37.3	37.5	37.5	38.2	38.3
≥ 1800	22.9	28.4	30.7	32.7	35.2	35.5	37.0	37.5	37.7	38.7	38.8	38.9	39.0	39.0	39.8	39.9
≥ 1500	25.9	32.3	34.7	36.9	40.1	40.5	42.4	42.9	43.1	44.1	44.2	44.3	44.5	44.5	45.2	45.3
≥ 1200	30.1	37.8	41.2	43.9	48.2	48.6	50.6	51.1	51.3	52.4	52.5	52.7	52.8	52.8	53.5	53.6
≥ 1000	31.9	40.4	44.2	47.1	51.9	52.3	54.3	54.8	55.1	56.4	56.5	56.6	56.7	56.7	57.5	57.6
≥ 900	32.2	40.7	44.8	47.7	52.5	52.9	55.2	55.8	56.0	57.3	57.5	57.6	57.7	57.7	58.4	58.6
≥ 800	33.6	42.3	46.7	50.1	54.9	55.3	57.8	58.4	58.9	60.2	60.4	60.5	60.6	60.6	61.4	61.6
≥ 700	33.7	42.4	47.0	50.4	55.7	56.0	58.8	59.5	60.0	61.3	61.4	61.6	61.7	61.7	62.5	62.7
≥ 600	34.5	43.7	48.4	51.9	57.7	58.1	61.2	62.0	62.5	64.2	64.3	64.5	64.6	64.6	65.4	65.5
≥ 500	35.1	44.5	50.1	54.2	60.8	61.4	65.3	66.5	67.2	69.5	69.6	69.8	69.9	70.0	70.8	71.0
≥ 400	35.3	45.1	51.2	55.4	62.4	63.0	67.8	69.4	70.4	73.4	73.5	73.7	73.9	74.1	75.1	75.2
≥ 300	35.4	45.2	51.6	55.9	63.4	64.3	69.6	72.2	73.9	77.8	78.2	79.0	79.5	80.0	81.2	81.3
≥ 200	35.5	45.3	51.7	56.0	63.6	64.7	70.2	73.0	75.[illegible]	80.4	81.2	82.2	83.7	85.3	87.3	88.9
≥ 100	35.5	45.3	51.7	56.0	63.6	64.7	70.2	73.4	75.7	81.2	82.4	83.5	85.2	88.1	91.2	97.0
≥ 0	35.5	45.3	51.7	56.0	63.6	64.7	70.2	73.4	75.7	81.2	82.4	83.5	85.2	88.1	91.8	100.0

TOTAL NUMBER OF OBSERVATIONS 830

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

I 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	8.6	11.0	12.2	13.3	14.1	14.1	14.4	14.8	14.9	15.2	15.2	15.2	15.4	15.7	16.3	16.4
≥ 20000	9.4	12.2	13.5	14.8	16.1	16.1	16.3	17.0	17.2	17.5	17.5	17.7	17.8	18.1	18.9	19.0
≥ 18000	9.4	12.2	13.5	14.8	16.1	16.1	16.3	17.0	17.2	17.5	17.5	17.7	17.8	18.1	18.9	19.0
≥ 16000	9.4	12.2	13.5	14.8	16.1	16.1	16.3	17.0	17.2	17.5	17.5	17.7	17.8	18.1	18.9	19.0
≥ 14000	9.6	12.3	13.7	14.9	16.2	16.2	16.4	17.2	17.3	17.7	17.7	17.8	17.9	18.3	19.0	19.1
≥ 12000	9.9	12.7	14.0	15.2	16.6	16.6	16.8	17.5	17.7	18.0	18.0	18.1	18.3	18.6	19.3	19.5
≥ 10000	10.5	13.4	15.1	16.3	17.8	17.8	18.0	18.7	18.9	19.2	19.2	19.3	19.5	19.8	20.6	20.7
≥ 9000	11.0	13.9	15.6	16.8	18.3	18.3	18.5	19.2	19.3	19.7	19.7	19.8	20.0	20.3	21.0	21.2
≥ 8000	12.0	15.0	16.7	17.9	19.6	19.6	20.0	20.7	20.8	21.2	21.2	21.3	21.4	21.8	22.5	22.6
≥ 7000	12.2	15.4	17.0	18.3	20.0	20.0	20.3	21.0	21.2	21.5	21.5	21.6	21.8	22.1	22.9	23.0
≥ 6000	12.3	15.5	17.2	18.4	20.1	20.1	20.4	21.2	21.3	21.6	21.6	21.8	21.9	22.2	23.0	23.1
≥ 5000	12.6	15.7	17.4	18.6	20.3	20.3	20.7	21.4	21.5	21.9	21.9	22.0	22.1	22.5	23.2	23.3
≥ 4500	12.7	16.0	17.7	18.9	20.9	20.9	21.3	22.0	22.1	22.5	22.5	22.6	22.7	23.1	23.8	23.9
≥ 4000	14.0	17.5	19.2	20.4	22.6	22.6	23.1	24.1	24.2	24.5	24.5	24.7	24.8	25.2	25.9	26.0
≥ 3500	15.1	18.9	20.6	21.9	24.1	24.1	24.5	25.6	25.9	26.2	26.2	26.4	26.5	26.8	27.6	27.7
≥ 3000	16.8	20.9	22.9	24.4	27.0	27.0	27.4	28.5	28.8	29.3	29.3	29.4	29.5	29.9	30.6	30.7
≥ 2500	19.2	24.3	26.2	28.1	30.7	30.7	31.6	32.6	32.9	33.4	33.4	33.5	33.6	34.0	34.7	34.8
≥ 2000	22.7	28.8	30.8	33.0	35.9	35.9	36.9	38.1	38.3	39.1	39.1	39.2	39.3	39.7	40.4	40.5
≥ 1800	23.3	30.0	32.3	34.5	37.5	37.5	38.6	39.8	40.0	40.7	40.7	40.9	41.0	41.4	42.1	42.2
≥ 1500	28.2	36.2	38.5	40.9	44.1	44.1	45.5	46.9	47.2	47.9	47.9	48.0	48.1	48.5	49.2	49.3
≥ 1200	31.1	39.1	41.5	44.6	49.1	49.1	51.0	52.5	52.7	53.4	53.4	53.6	53.7	54.1	54.8	54.9
≥ 1000	32.9	41.5	44.1	47.6	52.2	52.2	54.7	56.2	56.5	57.2	57.2	57.3	57.4	57.8	58.5	58.6
≥ 900	33.1	41.8	44.9	48.4	53.4	53.4	55.9	57.4	57.8	58.5	58.5	58.6	58.8	59.1	59.9	60.0
≥ 800	34.8	43.9	47.3	51.1	56.8	56.8	59.4	60.9	61.3	62.3	62.3	62.4	62.5	62.9	63.6	63.7
≥ 700	35.6	44.6	48.0	52.0	58.0	58.0	61.1	62.8	63.4	64.3	64.3	64.4	64.6	64.9	65.7	65.8
≥ 600	35.7	44.7	48.4	52.5	58.8	58.8	62.9	64.6	65.3	66.4	66.4	66.5	66.6	67.0	67.7	67.8
≥ 500	36.3	45.5	49.3	53.4	60.6	60.7	65.4	68.1	68.8	70.3	70.3	70.4	70.5	70.9	71.6	71.7
≥ 400	36.4	45.9	49.9	54.1	61.7	62.0	67.6	71.2	72.1	73.6	73.6	73.8	74.2	74.7	75.5	75.6
≥ 300	36.6	46.2	50.3	54.4	63.1	63.5	69.5	73.6	75.0	77.1	77.3	77.6	78.1	79.0	80.3	80.4
≥ 200	36.8	46.3	50.4	54.5	63.6	64.0	70.4	75.1	77.0	80.2	80.7	81.0	82.2	84.2	86.3	87.5
≥ 100	36.8	46.3	50.4	54.5	63.8	64.2	70.9	75.9	78.0	81.7	82.7	83.4	84.9	88.9	91.8	97.2
≥ 0	36.8	46.3	50.4	54.5	63.8	64.2	70.9	75.9	78.0	81.7	82.7	83.4	85.0	89.1	92.6	100.0

TOTAL NUMBER OF OBSERVATIONS 827

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/16	≥¼	≥0
NO CEILING	9.1	10.7	11.3	11.9	13.9	14.0	14.4	14.8	14.8	15.5	15.7	16.0	16.2	16.7	17.3	17.4
≥ 20000	10.5	12.2	13.0	13.7	15.9	16.0	16.5	17.2	17.2	17.9	18.2	18.4	18.6	19.1	19.9	20.0
≥ 18000	10.5	12.2	13.0	13.7	15.9	16.0	16.5	17.2	17.2	17.9	18.2	18.4	18.6	19.1	19.9	20.0
≥ 16000	10.5	12.2	13.0	13.7	15.9	16.0	16.5	17.2	17.2	17.9	18.2	18.4	18.6	19.1	19.9	20.0
≥ 14000	10.5	12.2	13.0	13.7	15.9	16.0	16.5	17.2	17.2	17.9	18.2	18.4	18.6	19.1	19.9	20.0
≥ 12000	10.8	12.5	13.2	13.9	16.1	16.2	16.7	17.4	17.4	18.2	18.4	18.6	18.9	19.4	20.1	20.2
≥ 10000	11.0	12.8	13.6	14.3	16.5	16.6	17.1	17.8	17.8	18.5	18.8	19.0	19.2	19.7	20.6	20.7
≥ 9000	11.5	13.3	14.0	14.8	16.9	17.1	17.6	18.3	18.3	19.0	19.2	19.5	19.7	20.2	21.1	21.2
≥ 8000	12.1	13.9	15.0	15.7	17.9	18.0	18.5	19.2	19.2	20.0	20.2	20.5	20.7	21.2	22.0	22.2
≥ 7000	12.6	14.5	15.7	16.5	18.6	18.8	19.2	20.0	20.0	20.7	20.9	21.2	21.4	21.9	22.8	22.9
≥ 6000	12.7	14.8	16.0	16.7	18.9	19.0	19.5	20.2	20.2	20.9	21.2	21.4	21.7	22.2	23.0	23.1
≥ 5000	13.2	15.3	16.5	17.2	19.4	19.5	20.0	20.7	20.7	21.4	21.7	21.9	22.2	22.6	23.5	23.6
≥ 4500	13.7	15.7	16.9	17.7	20.0	20.1	20.6	21.3	21.3	22.0	22.3	22.5	22.8	23.2	24.1	24.2
≥ 4000	14.2	16.6	17.8	18.5	21.1	21.3	21.8	22.5	22.5	23.4	23.6	23.8	24.1	24.6	25.4	25.5
≥ 3500	15.7	18.2	19.4	20.1	22.6	22.9	23.4	24.3	24.3	25.2	25.4	25.7	25.9	26.4	27.2	27.4
≥ 3000	18.8	21.3	22.5	23.6	26.6	26.9	27.4	28.3	28.3	29.2	29.4	29.7	29.9	30.4	31.2	31.4
≥ 2500	21.7	25.1	26.3	27.5	30.6	30.9	31.8	32.8	32.8	33.7	33.9	34.1	34.4	34.9	35.7	35.8
≥ 2000	25.2	29.3	30.5	32.0	35.1	35.4	36.4	37.5	37.5	38.4	38.6	39.0	39.2	39.7	40.6	40.7
≥ 1800	26.2	30.8	32.0	33.5	36.7	36.9	38.0	39.1	39.1	40.0	40.2	40.6	40.8	41.3	42.1	42.3
≥ 1500	29.5	34.6	35.8	38.1	41.3	41.5	43.1	44.2	44.2	45.0	45.3	45.6	45.9	46.4	47.2	47.3
≥ 1200	33.2	39.2	41.0	44.1	47.9	48.2	49.9	51.2	51.2	52.1	52.3	52.7	52.9	53.4	54.2	54.4
≥ 1000	34.6	40.9	43.0	46.2	50.4	50.7	54.0	55.3	55.3	56.3	56.5	56.9	57.1	57.6	58.5	58.6
≥ 900	35.0	41.5	43.6	46.9	51.2	51.7	55.1	56.4	56.4	57.4	57.6	58.0	58.2	58.7	59.6	59.7
≥ 800	36.1	43.1	45.6	49.4	53.9	54.4	58.1	59.4	59.4	60.4	60.7	61.0	61.3	61.7	62.6	62.7
≥ 700	36.4	43.7	46.2	50.0	54.7	55.2	59.2	60.5	60.5	61.6	61.9	62.2	62.5	63.0	63.8	63.9
≥ 600	37.0	44.4	47.0	51.0	56.1	56.5	60.7	62.2	62.2	63.4	63.7	64.0	64.3	64.8	65.6	65.7
≥ 500	37.5	46.2	49.3	53.6	59.4	59.9	64.8	66.8	66.9	68.8	69.0	69.4	69.6	70.1	70.9	71.1
≥ 400	37.9	47.0	50.0	54.4	60.7	61.4	66.7	69.6	69.7	72.6	72.9	73.4	73.6	74.1	74.9	75.1
≥ 300	37.9	47.0	50.0	54.4	61.5	62.2	68.2	71.5	72.4	76.0	76.4	77.0	77.8	78.5	79.7	79.8
≥ 200	37.9	47.1	50.1	54.5	62.0	62.7	68.8	72.3	73.5	78.2	78.7	79.7	82.1	83.4	86.2	86.8
≥ 100	37.9	47.1	50.1	54.5	62.1	62.8	68.9	72.5	73.7	79.3	80.0	81.4	84.7	88.5	93.0	97.9
≥ 0	37.9	47.1	50.1	54.5	62.1	62.8	68.9	72.5	73.7	79.3	80.0	81.4	84.7	88.5	93.2	100.0

TOTAL NUMBER OF OBSERVATIONS 826

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥1	≥	≥	≥	≥	≥5/8	≥	≥
NO CEILING	8.1	9.9	10.8	11.3	12.7	12.9	13.5	13.9	13.9	14.4	14.5	14.6	14.7	15.1	15.6	15.7
≥ 20000	9.4	11.5	12.6	13.2	14.9	15.1	15.8	16.4	16.5	17.0	17.0	17.2	17.3	17.7	18.2	18.4
≥ 18000	9.4	11.5	12.7	13.3	14.9	15.1	15.9	16.5	16.6	17.1	17.1	17.3	17.4	17.7	18.3	18.5
≥ 16000	9.5	11.6	12.8	13.4	15.0	15.2	16.0	16.6	16.7	17.2	17.2	17.4	17.5	17.8	18.4	18.6
≥ 14000	9.5	11.6	12.8	13.4	15.0	15.2	16.1	16.7	16.7	17.2	17.3	17.4	17.5	17.9	18.4	18.6
≥ 12000	9.7	11.9	13.1	13.7	15.3	15.5	16.3	16.9	17.0	17.5	17.5	17.7	17.8	18.1	18.7	18.9
≥ 10000	10.0	12.2	13.4	14.1	15.7	15.9	16.8	17.4	17.4	18.0	18.0	18.2	18.3	18.6	19.2	19.4
≥ 9000	10.3	12.5	13.8	14.4	16.1	16.3	17.1	17.7	17.8	18.3	18.4	18.5	18.6	19.0	19.5	19.7
≥ 8000	11.0	13.4	14.8	15.5	17.3	17.5	18.5	19.1	19.2	19.7	19.8	19.9	20.1	20.4	21.0	21.2
≥ 7000	11.3	13.8	15.3	15.9	17.8	18.0	19.0	19.6	19.7	20.3	20.3	20.5	20.6	21.0	21.5	21.7
≥ 6000	11.5	14.0	15.4	16.1	18.0	18.2	19.2	19.8	19.9	20.5	20.5	20.7	20.8	21.2	21.7	21.9
≥ 5000	11.7	14.3	15.8	16.5	18.4	18.6	19.6	20.3	20.4	20.9	21.0	21.1	21.3	21.6	22.2	22.4
≥ 4500	12.1	14.7	16.2	16.9	18.9	19.1	20.2	20.8	20.9	21.5	21.5	21.7	21.8	22.2	22.8	23.0
≥ 4000	13.0	16.0	17.5	18.3	20.5	20.8	22.0	22.7	22.8	23.5	23.5	23.7	23.8	24.2	24.7	25.0
≥ 3500	14.0	17.2	18.8	19.6	21.9	22.1	23.4	24.2	24.3	25.0	25.0	25.2	25.4	25.7	26.3	26.5
≥ 3000	15.8	19.1	20.8	21.8	24.4	24.6	26.0	26.8	27.0	27.7	27.7	27.9	28.1	28.5	29.0	29.2
≥ 2500	18.2	2 .2	23.9	25.0	27.7	28.0	29.6	30.4	30.6	31.4	31.5	31.6	31.8	32.2	32.7	33.0
≥ 2000	21.0	25.6	27.5	28.8	31.6	31.8	33.6	34.5	34.8	35.7	35.8	36.0	36.1	36.5	37.1	37.3
≥ 1800	21.8	26.8	28.6	30.0	32.9	33.1	34.9	35.9	36.1	37.0	37.1	37.3	37.5	37.9	38.4	38.6
≥ 1500	25.3	31.1	33.2	34.9	38.0	38.3	40.4	41.4	41.6	42.5	42.7	42.8	43.0	43.4	44.0	44.2
≥ 1200	28.3	35.0	37.4	39.5	43.3	43.5	45.8	46.9	47.1	48.1	48.2	48.4	48.6	49.0	49.5	49.8
≥ 1000	30.2	37.3	40.0	42.4	46.5	46.8	49.4	50.6	50.9	51.9	52.1	52.3	52.5	52.9	53.5	53.7
≥ 900	31.0	38.4	41.3	43.7	47.9	48.2	50.9	52.2	52.5	53.5	53.7	53.9	54.1	54.5	55.0	55.3
≥ 800	32.7	40.7	43.9	46.8	51.3	51.7	54.7	56.0	56.3	57.5	57.6	57.8	58.1	58.5	59.1	59.3
≥ 700	33.5	41.7	45.0	48.0	52.9	53.3	56.7	58.1	58.4	59.7	59.9	60.1	60.3	60.7	61.3	61.5
≥ 600	34.2	43.0	46.5	49.6	55.1	55.4	59.3	60.8	61.2	62.7	62.8	63.1	63.3	63.7	64.3	64.5
≥ 500	34.8	44.1	48.0	51.7	58.2	58.6	63.1	65.3	65.8	67.6	67.8	68.1	68.4	68.8	69.4	69.6
≥ 400	35.	44.6	48.6	52.5	59.7	60.2	65.3	68.1	68.8	71.1	71.3	71.7	72.0	72.5	73.1	73.3
≥ 300	35.3	44.8	48.9	52.9	60.8	61.3	67.1	70.4	71.4	74.7	75.0	75.6	76.3	77.1	77.9	78.1
≥ 200	35.3	44.9	49.	53.0	61.1	61.7	67.9	71.6	73.0	77.5	78.1	78.9	80.5	82.9	85.2	86.9
≥ 00	35.4	44.9	49.	53.0	61.2	61.8	68.2	72.0	73.7	78.8	79.8	80.9	82.9	87.8	91.6	97.5
≥ 0	35.4	44.9	49.	53.0	61.2	61.8	68.2	72.0	73.7	78.8	79.8	80.9	83.0	88.0	92.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6628

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 [illegible] (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	21.3	25.6	27.0	27.6	29.1	29.2	30.0	30.4	30.5	30.9	30.9	31.0	31.1	31.2	31.4	31.5
≥ 20000	24.8	29.9	31.4	32.2	34.0	34.1	35.0	35.5	35.6	36.0	36.1	36.2	36.3	36.5	36.6	36.8
≥ 18000	25.0	30.2	31.7	32.5	34.3	34.4	35.3	35.8	35.9	36.4	36.5	36.5	36.6	36.8	37.0	37.1
≥ 16000	25.0	30.3	31.8	32.6	34.4	34.5	35.4	35.9	36.0	36.5	36.6	36.6	36.7	36.9	37.1	37.2
≥ 14000	25.2	30.5	32.1	32.9	34.7	34.8	35.7	36.2	36.3	36.8	36.9	36.9	37.0	37.2	37.4	37.5
≥ 12000	25.8	31.2	32.9	33.6	35.5	35.6	36.5	37.0	37.2	37.6	37.7	37.7	37.8	38.0	38.2	38.3
≥ 10000	26.9	32.6	34.3	35.1	37.0	37.2	38.1	38.6	38.7	39.2	39.3	39.4	39.5	39.6	39.8	40.0
≥ 9000	27.5	33.4	35.1	35.9	37.9	38.1	39.0	39.5	39.7	40.2	40.3	40.3	40.4	40.6	40.8	40.9
≥ 8000	29.5	35.7	37.6	38.5	40.6	40.8	41.9	42.4	42.6	43.1	43.2	43.3	43.4	43.6	43.7	43.9
≥ 7000	30.2	36.6	38.5	39.5	41.7	41.9	43.0	43.6	43.7	44.2	44.3	44.4	44.5	44.7	44.9	45.0
≥ 6000	30.4	36.9	38.9	39.8	42.1	42.3	43.4	43.9	44.1	44.6	44.7	44.8	44.9	45.1	45.2	45.4
≥ 5000	31.6	38.3	40.3	41.3	43.7	43.9	45.1	45.7	45.8	46.3	46.5	46.5	46.6	46.8	47.0	47.2
≥ 4500	32.5	39.4	41.5	42.5	44.9	45.1	46.3	46.9	47.1	47.6	47.7	47.8	47.9	48.1	48.3	48.5
≥ 4000	35.5	43.1	45.4	46.6	49.3	49.5	50.9	51.6	51.8	52.3	52.4	52.5	52.7	52.9	53.1	53.2
≥ 3500	37.3	45.4	47.9	49.0	52.0	52.2	53.6	54.4	54.6	55.2	55.3	55.4	55.5	55.7	55.9	56.1
≥ 3000	39.4	48.1	50.7	52.1	55.2	55.5	57.1	57.8	58.0	58.7	58.8	58.9	59.1	59.3	59.5	59.7
≥ 2500	41.3	50.5	53.3	54.8	58.1	58.4	60.1	60.8	61.1	61.7	61.9	62.0	62.1	62.4	62.6	62.7
≥ 2000	43.3	53.2	56.1	57.8	61.4	61.7	63.5	64.3	64.6	65.3	65.5	65.5	65.7	66.0	66.1	66.3
≥ 1800	43.9	53.9	56.9	58.6	62.3	62.6	64.4	65.3	65.6	66.3	66.4	66.5	66.7	66.9	67.1	67.3
≥ 1500	45.7	56.3	59.5	61.4	65.5	65.9	67.9	68.8	69.1	69.9	70.0	70.1	70.3	70.6	70.7	70.9
≥ 1200	47.3	58.4	61.9	64.1	68.7	69.1	71.3	72.3	72.6	73.4	73.6	73.7	73.8	74.1	74.3	74.5
≥ 1000	48.1	59.7	63.3	65.8	70.7	71.1	73.6	74.7	75.0	75.9	76.1	76.2	76.4	76.7	76.9	77.1
≥ 900	48.4	60.2	63.8	66.3	71.4	71.8	74.4	75.5	75.8	76.7	76.9	77.0	77.2	77.5	77.7	77.9
≥ 800	49.0	61.1	64.9	67.6	73.1	73.5	76.3	77.5	77.9	78.9	79.1	79.2	79.4	79.7	79.9	80.1
≥ 700	49.3	61.5	65.4	68.3	74.1	74.6	77.5	78.8	79.2	80.3	80.5	80.6	80.8	81.1	81.3	81.5
≥ 600	49.5	62.0	66.1	69.1	75.4	75.9	79.1	80.6	81.0	82.2	82.4	82.6	82.8	83.1	83.3	83.5
≥ 500	49.8	62.5	66.7	70.0	76.8	77.4	81.1	82.8	83.4	84.8	85.0	85.2	85.5	85.8	86.0	86.2
≥ 400	49.9	62.7	66.9	70.3	77.7	78.3	82.4	84.3	85.0	86.6	86.9	87.2	87.5	87.9	88.1	88.3
≥ 300	50.0	62.8	67.1	70.6	78.3	79.0	83.4	85.7	86.5	88.6	89.1	89.4	89.9	90.6	90.9	91.1
≥ 200	50.0	62.8	67.1	70.7	78.5	79.2	83.9	86.4	87.5	90.2	90.8	91.4	92.2	93.5	94.3	94.8
≥ 100	50.0	62.8	67.1	70.7	78.6	79.3	84.0	86.6	87.7	90.7	91.5	92.1	93.1	95.3	96.9	98.9
≥ 0	50.0	62.8	67.1	70.7	78.6	79.3	84.0	86.6	87.8	90.8	91.5	92.1	93.2	95.4	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 78462

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by months 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

E

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

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

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

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

176160 HAHN AB DL 53-81
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV	DEC	ANNUAL
≥ 90						.1	.5						.0
≥ 85						1.1	2.2	.7	.1				.3
≥ 80				.1	.4	4.0	9.6	6.0	1.4				1.8
≥ 75				.6	4.1	12.2	20.9	17.0	5.0				5.0
≥ 70			.2	1.5	11.7	28.6	37.6	34.7	16.0	1.2			10.9
≥ 65			.6	6.4	27.4	47.9	58.9	57.9	36.6	5.8			20.0
≥ 60			4.6	17.9	46.7	72.3	85.3	84.5	63.8	18.4	.2	.1	32.7
≥ 55		1.6	12.1	34.0	70.3	90.6	98.0	98.4	86.6	40.8	3.8	.7	44.6
≥ 50	2.2	6.8	25.6	54.8	89.9	98.5	100.0	100.0	97.7	64.7	16.4	4.0	54.9
≥ 45	9.0	18.8	46.3	74.0	97.3	99.9			100.0	87.2	35.6	15.3	65.2
≥ 40	24.2	37.3	68.2	93.1	99.3	100.0				97.0	61.1	33.1	76.1
≥ 35	48.6	61.6	86.3	99.8	100.0					100.0	83.8	57.3	86.4
≥ 30	74.6	82.2	95.4	100.0							96.2	79.7	94.0
≥ 25	87.1	92.7	99.3								99.8	91.9	97.6
≥ 20	95.0	97.2	99.7								100.0	98.2	99.2
≥ 15	98.4	99.0	100.0									99.6	99.7
≥ 10	100.0	99.7										100.0	100.0
≥ 5		99.9											100.0
≥ 0		100.0											100.0
MEAN	34.0	36.8	43.9	51.1	59.3	64.8	67.7	67.1	62.2	52.8	41.8	36.0	51.5
S.D.	7.941	8.540	8.593	8.481	8.232	8.013	8.050	7.272	7.224	7.346	7.161	7.979	14.497
TOTAL OBS	867	791	868	840	839	810	845	898	856	899	870	898	10281

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

1 6160 HAHN AB DL 53-81
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 70							.2						.0
≥ 65						.6	2.4	.6					.3
≥ 60				.1	.1	4.9	13.4	10.7	2.8	.1			2.7
≥ 55				.4	4.8	24.7	39.9	38.2	13.7	1.8	.1		10.3
≥ 50			.7	3.2	21.7	54.8	77.8	76.3	43.9	12.3	.8		24.3
≥ 45	.5	1.3	3.6	14.4	48.5	83.8	96.4	97.2	75.9	32.4	4.8	2.0	38.3
≥ 40	4.6	6.6	16.7	37.4	79.1	97.8	100.0	100.0	96.0	62.8	19.1	7.9	52.3
≥ 35	17.0	21.0	43.3	66.9	94.9	99.9			99.9	89.4	48.5	24.9	67.2
≥ 30	24.9	30.7	54.0	77.5	98.0	100.0			100.0	94.7	59.5	33.9	72.8
≥ 25	43.4	49.9	70.6	92.0	99.8					98.9	77.8	53.2	82.2
≥ 20	66.0	70.2	85.1	99.4	100.0					100.0	93.4	72.6	90.6
≥ 15	80.4	85.0	94.4	100.0							98.7	85.9	95.4
≥ 10	91.1	92.8	98.7								100.0	95.0	98.2
≥ 5	96.1	95.7	99.7									98.8	99.2
≥ 0	99.1	98.5	100.0									100.0	99.8
≥ -5	99.9	99.0											99.9
≥ -10	100.0	99.7											100.0
≥ -15		99.9											100.0
≥		100.0											100.0
MEAN	26.9	27.9	32.6	37.6	44.4	50.2	53.3	53.0	48.5	42.3	34.1	29.0	40.0
S.D.	8.418	8.811	7.447	6.226	5.964	5.519	5.284	4.850	5.288	6.006	6.374	7.954	11.551
TOTAL OBS.	867	791	868	840	839	810	845	898	856	899	870	898	10281

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

1 6160 HAHN AB DL 53-81

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 80							.5						.0
≥ 75						1.1	2.5	.9					.4
≥ 70				.1	.2	3.5	10.3	6.9	1.4				1.9
≥ 65				.5	3.8	14.9	25.7	23.4	6.8	.3			6.3
≥ 60			.1	1.7	14.2	38.8	53.1	52.0	25.1	2.3			15.6
≥ 55			.9	8.6	34.2	66.3	84.0	83.7	56.3	14.5	.3		29.0
≥ 50		1.0	7.7	24.6	63.4	91.2	98.5	99.4	86.0	40.2	4.1	.7	43.0
≥ 45	2.8	6.3	22.4	49.8	87.4	98.8	100.0	100.0	98.2	65.3	16.9	5.2	54.3
≥ 40	12.2	19.3	47.2	72.5	97.4	100.0			100.0	90.8	42.5	19.2	66.7
≥ 35	33.9	44.1	69.9	95.1	99.8					99.2	71.6	41.5	79.6
≥ 30	60.2	68.8	87.4	99.8	100.0					100.0	90.7	68.2	89.6
≥ 25	80.3	85.0	95.9	100.0							98.6	84.7	95.4
≥ 20	90.3	93.8	99.5								99.9	95.0	98.2
≥ 15	96.3	96.5	99.7								100.0	98.9	99.3
≥ 10	99.2	98.9	100.0									99.9	99.8
≥ 5	100.0	99.6										100.0	100.0
≥ 0		99.9											100.0
≥ -5		100.0											100.0
MEAN	30.7	32.7	38.5	44.6	52.1	57.8	60.7	60.3	55.6	47.6	38.3	32.7	46.0
S D	7.935	8.389	7.654	6.920	6.691	6.364	6.334	5.671	5.783	6.220	6.469	7.691	12.786
TOTAL OBS.	867	791	868	840	839	810	848	898	856	899	870	898	10281

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

1 6160 — STATION
HAHN AB OL — STATION NAME
53-81 — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
53							* 80	86	83	69	57	60	
54	48	42	60	62	80	90	75	84	77	69	56	50	90
55	* 48	48	64	78	75	79	84	79	73	63	58	50	84
56	50	38	63	63	79	70	82	75	72	72	49	52	82
57	50	58	60	68	78	89	93	78	75	68	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	78	82	73	78	70	62	54	48	82
61	48	59	68	71	78	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	78	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	78	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	57	62	71	80	84	78	69	68	51	59	84
79	39	42	51	64	80	80	80	78	79	72	54	59	80
80	45	52	55	68	73	79	79	84	75	61	54	48	84
81	43	46	63	66	77	79	79	79	70	64	55	43	79
MEAN	46.4	48.9	58.4	66.9	74.1	79.5	82.1	80.9	75.2	66.1	54.7	49.1	85.0
S. D.	4.826	6.989	5.731	4.642	3.794	4.882	4.761	3.986	4.879	4.779	3.826	5.036	3.748
TOTAL OBS.	867	791	868	840	839	810	848	898	856	899	870	898	10281

NOTES * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL-1)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

1 6160 HAHN AB DL 53-81

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53							* 50	47	39	35	27	21	
54	2	-2	23	29	34	43	43	45	35	36	23	24	-2
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	36	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	28	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	26	26	37	41	44	41	39	33	21	10	10
79	0	19	26	30	30	42	46	42	36	32	27	27	0
80	12	27	28	32	36	45	43	45	43	32	19*	18	12
81	19	18	28	28	30	43	46*	43	41	32	25	14	14
MEAN	11.9	15.5	20.8	27.9	34.1	41.0	44.8	44.9	39.6	31.5	22.8	16.0	8.0
S. D.	8.257	9.050	6.031	3.292	2.697	2.703	2.501	2.193	3.359	2.760	3.761	6.464	7.662
TOTAL OBS.	867	791	868	840	839	810	848	898	856	899	870	898	10281

NOTES * TOTALED ON LESS THAN FULL MONTHS

1210 WS FORM JUL 64 0-88-5 (OL.1)

* (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (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
50 / 49		.2	.1	.2	.1													6	6	1	
48 / 47	.1	.4	.4															7	7	2	2
46 / 45	.2	1.0	.1	.1														12	12	10	3
44 / 43	.1	1.7	.1	.1	.1													18	18	16	6
42 / 41	.2	4.8	1.3	.1														54	54	21	16
40 / 39	1.0	2.8	3.1															57	57	45	28
38 / 37	.1	6.2	1.3															64	64	48	37
36 / 35	.2	8.1	1.9															86	86	82	48
34 / 33	1.2	8.3	3.1															105	105	94	70
32 / 31	1.1	10.5	1.8															112	112	129	91
30 / 29	1.7	6.7	.1															71	71	112	88
28 / 27	2.8	7.7	.4															90	90	83	117
26 / 25	.5	4.2	.7															45	45	45	92
24 / 23	.4	2.2	.4															24	24	42	53
22 / 21	.5	2.4	.1															25	25	27	42
20 / 19	.1	1.7																15	15	21	25
18 / 17	.5	1.1																13	13	20	28
16 / 15	.1	.8																8	8	13	17
14 / 13	.1	.7																7	7	5	18
12 / 11		.7																6	6	5	26
10 / 9		1.2																10	10	9	8
8 / 7		.1																1	1	5	2
6 / 5																				1	5
4 / 3																					7
2 / 1																					7
TOTAL	10.9	73.3	15.0	.6	.2														836		836
																		836		836	

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.	5822030	69422	83.0	8.275	836							
Dry Bulb	898628	26700	31.9	7.413	836		47.5					93
Wet Bulb	812706	25368	30.3	7.170	836		57.5					93
Dew Point	677958	22814	27.3	8.144	836		69.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

126160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (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
50 / 49				.1														1	1		
48 / 47		.1		.1														2	2		
46 / 45	.2	.2		.2														6	6	3	2
44 / 43		1.8	.2															17	17	14	1
42 / 41	.7	6.0	1.8	.2														73	73	29	24
40 / 39	.6	3.0	1.8															45	45	43	26
38 / 37	.5	4.8	1.4															56	56	43	38
36 / 35	.2	7.5	1.3															76	76	61	48
34 / 33	2.2	8.0	1.2															95	95	113	57
32 / 31	1.3	10.4	.7															104	104	129	82
30 / 29	1.0	8.0																75	75	100	98
28 / 27	3.6	8.7	.4															106	106	92	125
26 / 25	1.8	3.8	.4															50	50	51	78
24 / 23	1.0	3.6	.2															40	40	42	83
22 / 21	1.6	1.1																22	22	38	31
20 / 19	.2	1.6																15	15	12	22
18 / 17	.1	1.0																9	9	22	29
16 / 15	.2	1.0																10	10	7	14
14 / 13	.2	1.2																12	12	15	17
12 / 11	.1	.8																8	8	6	21
10 / 9	.1	.6																6	6	7	18
8 / 7		.8																7	7	1	2
6 / 5																				7	8
4 / 3	.1																	1	1	1	3
2 / 1																					7
0 / -1	.1																	1	1	1	2
-2 / -3																					1
TOTAL	15.9	74.0	9.4	.7															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.	6084918	71046	84.9	8.068	837							
Dry Bulb	860437	26069	31.1	7.617	837	.1	51.8					93
Wet Bulb	787711	24933	29.8	7.336	837	.1	59.0					93
Dew Point	668675	22645	27.1	8.186	837	.3	71.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

106160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (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
50/ 49						.1												1	1		
48/ 47		.4			.4													6	6	3	
46/ 45		.6			.1													6	6		3
44/ 43	.1	1.7	1.2	.1														26	26	17	1
42/ 41	.8	4.2	1.6	.1														56	56	41	28
40/ 39	.4	1.9	2.9															43	43	26	21
38/ 37	.4	6.2	1.2	.1														66	66	30	34
36/ 35	.1	8.0	1.1															77	77	77	38
34/ 33	2.3	6.3	1.9															88	88	109	69
32/ 31	1.4	9.6	1.2															102	102	134	72
30/ 29	1.0	8.1	.2															78	78	81	115
28/ 27	3.2	6.5	.2															83	84	93	109
26/ 25	2.3	5.0	.5															65	65	51	70
24/ 23	.6	4.0	.4															41	41	48	83
22/ 21	1.3	1.9	.1															28	28	37	31
20/ 19	.7	1.6																19	19	24	38
18/ 17		.7																6	6	18	27
16/ 15	.1	.7																7	7	8	22
14/ 13	.6	.4																8	8	9	9
12/ 11	.5	1.1																13	13	13	27
10/ 9		1.0																8	8	6	11
8/ 7	.1	.2																3	3	3	5
6/ 5		.2																2	2	2	8
4/ 3		.1																1	1	2	4
2/ 1																				1	4
0/ -1	.2																	2	2	2	1
-2/ -3																					3
-4/ -5																					1
-6/ -7																					1
TOTAL	16.2	70.4	12.5	.4	.5	.1													836		835
																		835		835	

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.	5986440	70350	84.5	8.436	835							
Dry Bulb	858590	25978	31.1	7.842	836	.2	52.0					93
Wet Bulb	781225	24761	29.7	7.504	835	.2	59.3					93
Dew Point	658047	22375	26.8	8.374	835	.7	71.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
108160	HAHN AB DL	73-81	JAN

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51						.1												1	1		
50/ 49					.1													1	1		
48/ 47		.5	.2		.2													8	8	3	
46/ 45		1.4	.4	.1														16	16	4	3
44/ 43	.4	.7	.6	.4														17	17	18	5
42/ 41	.6	4.4	1.9	.1														59	59	37	26
40/ 39	.4	3.1	4.2															64	64	27	23
38/ 37	.4	4.8	1.2	.1														54	54	45	30
36/ 35	.6	6.8	1.9															78	78	81	52
34/ 33	1.7	7.3	1.8	.1														91	91	93	72
32/ 31	1.0	9.4	.5															91	91	132	53
30/ 29	1.0	9.1	1.0	.1														93	93	91	112
28/ 27	2.4	7.4	.6	.1														88	88	95	122
26/ 25	2.0	3.8	.1															50	50	60	66
24/ 23	.7	3.9	.4															42	42	40	86
22/ 21	1.2	1.8	.1															26	26	34	31
20/ 19	.1	1.2																11	11	19	34
18/ 17		1.8																15	15	21	34
16/ 15		.8																7	7	11	17
14/ 13	.2	.6																7	7	6	11
12/ 11		.7																6	6	8	21
10/ 9	.1	.6																6	6	4	17
8/ 7	.1	.2																3	3	3	4
6/ 5		.2																2	2	2	8
4/ 3		.1																1	1	2	3
2/ 1																				1	2
0/ -1																					2
-6/ -7																					3
TOTAL	12.8	70.8	14.8	1.1	.4	.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.	5833420	69462	83.0	9.073	837							
Dry Bulb	887756	26512	31.7	7.576	837		49.8					93
Wet Bulb	801537	25183	30.1	7.242	837		58.8					93
Dew Point	667222	22588	27.0	8.304	837	.6	69.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — 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	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51					.4													3	3		
5 / 49		.5	.6		.1													10	10	4	
48/ 47	.2	.5	.4		.4													12	12	4	6
46/ 45		.5	.7	.4														13	13	12	
44/ 43	.2	1.2	1.2	.1														23	23	15	10
42/ 41	.5	5.6	2.6	.4														76	76	47	18
40/ 39	.1	3.6	3.2	.4														61	61	38	32
38/ 37	.8	5.3	2.3	.1														71	71	53	48
36/ 35	.7	7.3	3.0	.1														93	93	87	66
34/ 33	.8	8.1	1.9	.6	.1													97	97	107	60
32/ 31	.5	6.6	2.2	.1	.1													79	79	110	54
30/ 29	.4	9.9	1.1															95	95	94	103
28/ 27	2.2	7.2	2.2															96	96	102	119
26/ 25	1.3	2.9	.5															39	39	71	88
24/ 23	.1	2.0																18	18	22	69
22/ 21	.1	1.3																12	12	21	41
20/ 19	.2	1.6																15	15	13	35
18/ 17		.6																5	5	14	19
16/ 15		1.3																11	11	11	17
14/ 13		.4																3	3	7	11
12/ 11		.2																2	2	2	14
1 / 9		.4																3	3	2	16
8/ 7																				1	6
6/ 5																					2
4/ 1																					2
2/ -1																					1
TOTAL	8.2	66.8	21.7	2.2	1.1														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.	5592605	67919	81.1	9.859	837							
Dry Bulb	971418	27902	33.3	7.027	837		42.0					93
Wet Bulb	864208	26300	31.4	6.726	837		52.2					93
Dew Point	708055	23453	28.0	7.802	837	.1	66.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 5160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51		.1	.1		.1													3	3		
50/ 49	.2	.2	.2	.2	.5													12	12	5	2
48/ 47		.5	.2	.1	.2													9	9	1	3
46/ 45		.2	.6		.1													8	8	9	1
44/ 43	.1	2.8	.8															31	31	17	5
42/ 41	.1	4.4	3.6	.8														75	75	51	17
40/ 39		4.3	3.8															68	68	24	39
38/ 37	.7	5.7	2.5	.1														76	76	66	34
36/ 35	.1	6.1	3.4	.4														83	83	94	75
34/ 33	1.4	7.4	1.8	.1														90	90	107	60
32/ 31	.2	6.9	2.2	.5														82	82	103	55
30/ 29	.5	10.5	1.2	.2														104	104	94	109
28/ 27	1.9	7.9	1.9															98	98	109	118
26/ 25	1.0	1.9	.5															28	28	64	83
24/ 23		3.0																25	25	24	74
22/ 21	.2	1.3	.2															15	15	26	40
20/ 19	.2	1.0																10	10	13	39
18/ 17		.8																7	7	10	13
16/ 15		.8																7	7	8	16
14/ 13																				6	20
12/ 11		.2																2	2	1	9
10/ 9		.2																2	2	3	11
8/ 7																					8
6/ 5																					2
4/ 3																					2
TOTAL	6.8	66.6	23.1	2.5	1.0														835		835
																		835		835	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5489772	67200	80.5	9.890	835							
Dry Bulb	977772	28006	33.5	6.790	835		42.3					93
Wet Bulb	865999	26339	31.5	6.494	835		51.3					93
Dew Point	703125	23391	28.0	7.576	835		66.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	JAN

PAGE 1 — HOURS (L. S. T.) 1800-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51			.1		.1													2	2		
50/ 49	.4	.1			.1													5	5	3	3
48/ 47		.1	.4	.4														7	7	2	
46/ 45	.4	1.3	.1															15	15	9	5
44/ 43		1.4	.7	.5														22	22	22	3
42/ 41		5.0	2.4															62	62	27	22
40/ 39		4.7	3.1	.1														66	66	34	20
38/ 37	.6	4.7	1.7															58	58	60	47
36/ 35	.7	6.2	2.3															77	77	74	61
34/ 33	1.4	7.8	3.1															103	103	99	55
32/ 31	.7	6.8	1.7	.1														78	78	117	64
30/ 29	.5	11.0	.7	.1	.1													104	104	89	95
28/ 27	3.0	9.7	1.3															117	117	119	115
26/ 25	.6	3.7	.5															40	40	68	87
24/ 23	.1	2.6	.1															24	24	37	87
22/ 21	.2	.8	.5															13	13	21	39
20/ 19	.4	.8																10	10	11	38
18/ 17		1.8	.1															16	16	21	22
16/ 15	.1	.5	.1															6	6	8	12
14/ 13		.1																1	1	4	16
12/ 11		.7																6	6	3	16
10/ 9		.6																5	5	9	11
8/ 7																					3
6/ 5																					8
4/ 3																					7
2/ 1																					1
TOTAL	9.1	70.5	18.9	1.2	.4														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.	5658970	68400	81.7	9.104	837							
Dry Bulb	926739	27229	32.5	6.997	837		46.7					93
Wet Bulb	830862	25750	30.8	6.801	837		56.3					93
Dew Point	683255	22971	27.4	7.949	83		69.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JAN (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
54/ 53					.1													1	1		
52/ 51		.1			.1													2	2		
50/ 49		.2	.1		.1													4	4	3	1
48/ 47		.1	.2															3	3	1	2
46/ 45	.4	1.0	.6															16	16	8	3
44/ 43		1.0	.7	.2	.1													17	17	19	3
42/ 41		5.0	2.3															61	61	16	17
4 / 39	.6	4.1	3.1															65	65	47	21
38/ 37	.4	6.6	.5															62	62	52	52
36/ 35	.1	6.2	2.4															73	73	85	50
34/ 33	.4	8.0	3.0															95	95	75	57
32/ 31	.5	7.9	3.0															95	95	134	61
3 / 29	1.1	8.1	.5															81	81	107	93
28/ 27	2.6	9.8	1.0	.1														113	113	89	132
26/ 25	1.0	3.8	.6															45	45	59	79
24/ 23	.1	4.1	.4															38	38	42	80
22/ 21	.2	1.9	.1															19	19	34	41
2 / 19		1.7																14	14	18	34
18/ 17		.5																4	4	18	21
16/ 15	.6	1.0																13	13	14	16
14/ 13		.2																2	2		14
12/ 11		.8																7	7	5	35
10/ 9		.8																7	7	11	8
8/ 7																					1
6/ 5																					6
4/ 3																					8
2/ 1																					2
TOTAL	7.9	72.9	18.4	.4	.5														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.	5689385	68621	82.0	8.717	837							
Dry Bulb	905306	26864	32.1	7.179	837		48.7					93
Wet Bulb	812373	25421	30.4	6.943	837		59.0					93
Dew Point	668973	22695	27.1	8.008	837		70.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	JAN

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53					.0													1	1		
52/ 51		.0	.0		.1	.0												11	11		
5 / 49	.1	.2	.1	.1	.1	.0												40	40	16	6
48/ 47	.0	.3	.2	.1	.1													54	54	16	13
46/ 45	.1	.8	.3	.1	.0													92	92	55	20
44/ 43	.1	1.5	.7	.2	.0													171	171	138	34
42/ 41	.4	4.9	2.2	.2														516	516	269	168
40/ 39	.4	3.4	3.2	.1														469	469	284	210
38/ 37	.5	5.5	1.5	.1														507	507	397	320
36/ 35	.4	7.0	2.2	.1														643	643	641	438
34/ 33	1.4	7.7	2.2	.1	.0													764	764	797	500
32/ 31	.8	8.5	1.6	.1	.0													743	743	988	532
30/ 29	.9	8.9	.6	.1	.0													701	701	768	813
28/ 27	2.7	8.1	1.0	.0														791	792	782	957
26/ 25	1.3	3.6	.5															362	362	469	643
24/ 23	.4	3.2	.2															252	252	297	615
22/ 21	.7	1.6	.1															160	160	238	296
2 / 19	.3	1.4																109	109	131	265
18/ 17	.1	1.0	.0															75	75	144	193
16/ 15	.1	.9	.0															69	69	80	131
14/ 13	.1	.4																40	40	52	116
12/ 11	.1	.7																50	50	43	169
1 / 9	.0	.7																47	47	51	100
8/ 7	.0	.2																14	14	13	31
6/ 5		.1																4	4	12	47
4/ 3	.0	.0																3	3	5	34
2/ 1																				2	25
/ -1	.0																	3	3	3	6
-2/ -3																					4
-4/ -5																					1
-6/ -7																					4
TOTAL	11.0	70.7	16.7	1.1	.5	.0													6692		6691
																		6691		6691	

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.	46157540	552420	82.6	9.057	6691							
Dry Bulb	7286646	215260	32.2	7.360	6692	.3	380.7					744
Wet Bulb	6556621	204055	30.5	7.061	6691	.3	453.4					744
Dew Point	5435310	182932	27.3	8.054	6691	1.7	554.0					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (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
50/ 49				.3														2	2		
48/ 47		.3	.4	.4														8	8		
46/ 45		1.2	.7	.1														15	15	3	
44/ 43		.5	2.1	.4														23	23	17	
42/ 41		3.5	3.4	.8														59	59	15	10
40/ 39		4.5	3.1	.7	.3													65	65	53	19
38/ 37	.8	4.7	1.7	.9														62	62	62	32
36/ 35	.9	5.2	2.6	.1														68	68	71	74
34/ 33	.9	6.3	2.9	.7														82	82	80	63
32/ 31	.5	6.7	5.2	.3														97	97	84	58
30/ 29	.4	7.5	1.8	.1														75	75	95	64
28/ 27	1.2	7.3	2.6															85	85	94	89
26/ 25	.8	5.0	.1															45	45	75	57
24/ 23	.3	4.3																35	35	51	73
22/ 21	1.0	1.0	.7															21	21	33	75
20/ 19	.4	1.6																15	15	12	57
18/ 17		.5																4	4	15	52
16/ 15		.1																1	1	2	20
14/ 13																					6
12/ 11																					7
10/ 9																					6
TOTAL	7.2	60.4	27.4	4.7	.3													762	762	762	762

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.	4881544	60514	79.4	9.983	762							
Dry Bulb	855772	25062	32.9	6.433	762		41.7					84
Wet Bulb	751419	23485	30.8	6.023	762		50.8					84
Dew Point	593285	20597	27.0	6.930	762		62.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — 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				.3														2	2		
46/ 45		.8	.9	.3														15	15	1	1
44/ 43		.9	.9															14	14	9	5
42/ 41	.1	5.6	2.0	.5														63	63	22	5
40/ 39	.5	3.4	2.2	.4														50	50	51	26
38/ 37	.9	5.1	1.3	.8														62	62	44	38
36/ 35	1.4	6.3	1.6	.5														75	75	75	60
34/ 33	1.3	7.1	2.1	.1														81	81	80	51
32/ 31	.5	3.8	2.9															55	55	84	57
30/ 29		7.7	2.2															76	76	76	54
28/ 27	2.0	8.5	3.4															106	106	87	102
26/ 25	1.4	6.2																58	58	84	46
24/ 23	.8	5.8																50	50	62	78
22/ 21	2.4	1.0	.1															27	27	50	84
20/ 19	1.0	.8																14	14	16	51
18/ 17	.4	.8																9	9	13	51
16/ 15		.7																5	5	8	31
14/ 13																					6
12/ 11																					5
10/ 9																					11
TOTAL	12.9	64.6	19.7	2.9															762		762
																		762		762	

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.	5151316	62206	81.6	9.802	762							
Dry Bulb	805972	24274	31.9	6.556	762		44.1					84
Wet Bulb	719663	22933	30.1	6.224	762		52.9					84
Dew Point	583462	20360	26.7	7.201	762		63.5					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]616D	HAHN AB DL	73-81	FEB

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
48/ 47		.1	.1															2	2		
46/ 45		1.0	.1	.3														11	11	2	1
44/ 43	.3	.1	1.3															13	13	10	5
42/ 41		4.9	2.1															53	53	13	7
40/ 39	.3	4.3	2.8															56	56	44	16
38/ 37	.4	4.7	.9	.7														51	51	48	31
36/ 35	1.3	7.1	2.5	1.0														91	91	76	56
34/ 33	1.3	6.2	.5	.9														68	68	67	64
32/ 31	.4	4.3	1.6															48	48	96	46
30/ 29	.3	8.8	2.9															91	91	68	63
28/ 27	1.8	8.3	2.2															94	94	86	82
26/ 25	1.4	8.0																72	72	89	59
24/ 23	1.0	6.0																54	54	70	82
22/ 21	1.3	1.6																22	22	45	81
20/ 19	2.8	.4																24	24	33	48
18/ 17	.3	.4																5	5	6	67
16/ 15		.7																5	5	7	39
14/ 13																					2
12/ 11	.1	.1																2	2	2	6
10/ 9																					6
8/ 7																					1
TOTAL	13.0	67.1	17.1	2.9															762		762
																		762		762	

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.	5146656	62200	81.6	9.552	762							
Dry Bulb	787994	23988	31.5	6.570	762		46.0					84
Wet Bulb	704591	22681	29.8	6.225	762		55.3					84
Dew Point	567762	20080	26.4	7.124	762		64.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]616C	HAHN AB DL	73-81	FEB

PAGE 1 — HOURS (L. S. T.): 0900-1100

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		
5[illegible]/ 49			.1		.1													2	2		
48/ 47			.1		.1													2	2		
46/ 45		1.3	1.0	.4	.3													23	23	2	
44/ 43	.4	.8	1.6	.4														24	24	19	4
42/ 41		2.1	4.1	.5	.1													52	52	18	14
4[illegible]/ 39		3.4	3.5	.5	.1													58	58	35	8
3[illegible]/ 37	.9	4.5	1.3	.9														58	58	58	30
3[illegible]/ 35	.3	7.0	2.9	.7														82	82	70	58
34/ 33	.9	6.3	2.1	.5														75	75	80	69
32/ 31		3.9	3.4															56	56	96	42
3[illegible]/ 29	.3	10.8	2.8	.1														106	106	85	69
2[illegible]/ 27	1.0	8.3	3.4															97	97	104	92
[illegible]/ 25	.7	5.4	.1															47	47	77	62
24/ 23	.1	5.8	.1															46	46	60	97
22/ 21	1.0	1.3	.1															19	19	32	74
2[illegible]/ 19	.8	.4																9	9	17	68
18/ 17		.3																2	2	6	40
16/ 15		.1																1	1	1	21
14/ 13		.1																1	1	1	5
12/ 11		.1																1	1	1	4
1[illegible]/ 9																					4
[illegible]/ 7																					1
TOTAL	6.4	61.8	26.8	4.1	.9														762		762
																		762		762	

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.	4872224	60460	79.3	9.934	762							
Dry Bulb	843885	24881	32.7	6.430	762		42.4					84
Wet Bulb	738847	23291	30.6	5.950	762		52.9					84
Dew Point	580241	20393	26.8	6.731	762		63.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (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
58/ 57						.1												1	1		
56/ 55						.1												1	1		
54/ 53				.3	.1													3	3		
52/ 51			.1	.1		.3												4	4		
50/ 49				.1	.5													5	5	1	
48/ 47		.4	1.2	.7	.7	.1	.1											24	24	3	
46/ 45		1.6	1.7	1.7	.5													42	42	9	2
44/ 43	.1	1.0	2.8	1.3	.8	.4												49	49	29	8
42/ 41		2.9	3.7	.8	.7	.4												64	64	38	13
40/ 39		1.7	4.7	1.2	.8													64	64	60	25
38/ 37	1.4	4.7	2.5	.8														72	72	54	42
36/ 35		5.2	2.9	2.0														77	77	95	56
34/ 33	1.0	4.9	4.3	.8														84	84	78	69
32/ 31		3.9	4.3	.5														67	67	100	54
30/ 29	.3	5.6	3.4	.3														73	73	81	66
28/ 27	.3	7.6	.7															65	65	97	84
26/ 25	.5	4.6	.5															43	43	59	79
24/ 23	.4	2.5	.1															23	23	37	85
22/ 21		.1																1	1	19	80
20/ 19																				2	53
18/ 17																					18
16/ 15																					15
14/ 13																					8
12/ 11																					5
TOTAL	4.1	46.9	32.9	10.5	4.1	1.4	.1											762	762	762	762

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.	436984	56898	74.7	12.626	762							
Dry Bulb	994125	27047	35.5	6.694	762		30.0					84
Wet Bulb	834874	24820	32.6	5.894	762		43.5					84
Dew Point	625980	21226	27.9	6.754	762		60.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	FEB

PAGE 1 — HOURS (L. S. T.): 1500-1700

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				.4	.3	.3												7	7		
5 / 49			.1	.4	.7	.7	.1											15	15		
48/ 47		.1	1.6	1.2	.3	.3												26	26	3	
46/ 45		1.2	1.6	2.5	1.2	.1												50	50	12	
44/ 43		1.7	2.6	2.9	.5	.8	.3											67	67	33	8
42/ 41		1.8	3.7	1.6	.4	.1												58	58	43	14
40/ 39		3.0	3.3	.9	.9													62	62	65	28
38/ 37	1.3	3.9	2.0	2.2														72	72	75	41
36/ 35	.1	3.7	4.5	1.3	.3													75	75	75	50
34/ 33	.5	5.5	4.9	.9														90	90	65	80
32/ 31	.1	4.1	3.0	.9														62	62	131	55
30/ 29		5.6	3.4	.1														70	70	76	60
28/ 27	.5	5.5	.8															52	52	83	92
26/ 25	.1	4.2	1.2															42	42	54	96
24/ 23	.5	1.0																12	12	30	70
22/ 21	.1																	1	1	17	62
20/ 19																					58
18/ 17																					18
16/ 15																					16
14/ 13																					11
12/ 11																					3
TOTAL	3.4	41.5	32.5	15.5	4.5	2.2	.4											762	762	762	762

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.	4201558	55638	73.0	13.520	762							
Dry Bulb	1036632	27634	36.3	6.731	762		26.3					84
Wet Bulb	858498	25190	33.1	5.820	762		43.1					84
Dew Point	630216	21312	28.0	6.699	762		59.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51				.1	.3													3	3		
48/ 47			.7	.1	.4													9	9		
46/ 45		.7	2.2	.9														29	29	4	
44/ 43		.8	2.4	1.2	.4													36	36	14	3
42/ 41		3.0	4.9	1.2	.1													70	70	35	6
40/ 39		3.5	4.7	1.4	.4													77	77	56	23
38/ 37	.9	5.1	2.8	1.6	.1													80	80	60	39
36/ 35	.1	5.1	2.8	1.4														72	72	92	57
34/ 33	1.6	3.9	4.2	1.0														82	82	80	81
32/ 31	.4	4.7	3.8	.7														73	73	103	51
30/ 29		7.7	1.8	.3														75	75	91	56
28/ 27	1.0	6.3	2.5															75	75	96	102
26/ 25	.1	5.4	.1															43	43	59	88
24/ 23		3.5																27	27	36	78
22/ 21	.5	.4	.1															8	8	29	48
20/ 19	.1	.3																3	3	4	56
18/ 17																				3	45
16/ 15																					14
14/ 13																					10
12/ 11																					3
10/ 9																					2
TOTAL	4.9	50.5	32.9	10.0	1.7														762		762
																		762		762	

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.	4546236	58190	76.4	11.609	762							
Dry Bulb	931489	26221	34.4	6.195	762		33.5					84
Wet Bulb	796549	24261	31.8	5.629	762		46.4					84
Dew Point	607413	20917	27.5	6.609	762		61.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	FEB

PAGE 1 — HOURS (L. S. T.) 2100-2300

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51				.4														3	3		
48/ 47			.1	.4														4	4		
46/ 45		.7	.9	.4														15	15	4	
44/ 43		.5	2.2	.4														24	24	11	2
42/ 41		3.7	5.5	.4	.1													74	74	13	6
4 / 39		3.7	3.9	1.0	.1													67	67	56	13
39/ 37	.5	5.5	2.4	.9														71	71	64	45
36/ 35	.4	5.4	2.8	1.2														74	74	83	52
34/ 33	1.0	5.2	3.4	1.3														84	84	77	84
32/ 31	.4	4.9	3.7	.7														73	73	99	40
7 / 29	.4	7.5	1.8	.3														76	76	84	70
28/ 27	1.0	8.0	2.9															91	91	106	100
26/ 25	.5	5.5	.3															48	48	66	53
24/ 23		3.5	.3															29	29	47	92
22/ 21	.9	.8	.1															14	14	28	64
20/ 19	.4	1.6																15	15	11	50
18/ 17																				13	50
16/ 15																					21
14/ 13																					8
12/ 11																					8
10/ 9																					4
TOTAL	5.6	56.4	30.3	7.3	.3														762		762
																		762		762	

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.	4722976	59434	78.0	10.709	762							
Dry Bulb	876079	25397	33.3	6.238	762		38.1					84
Wet Bulb	759342	23648	31.0	5.783	762		50.0					84
Dew Point	589247	20553	27.0	6.770	762		61.7					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
58/ 57						.0												1	1		
56/ 55						.0												1	1		
54/ 53				.0	.0													4	4		
52/ 51			.0	.1	.1	.1												18	18		
50/ 49			.0	.1	.2	.1	.0											24	24	1	
48/ 47		.1	.5	.4	.2	.0	.0											77	77	6	
46/ 45		1.0	1.1	.8	.2	.0												200	200	37	4
44/ 43	.1	.8	2.0	.8	.2	.1	.0											250	250	142	35
42/ 41	.0	3.4	3.7	.7	.2	.1												493	493	197	75
40/ 39	.1	3.4	3.5	.8	.3													499	499	420	158
38/ 37	.9	4.8	1.9	1.1	.0													528	528	465	298
36/ 35	.6	5.6	2.8	1.0	.0													614	614	637	463
34/ 33	1.1	5.7	3.1	.8														646	646	607	561
32/ 31	.3	4.5	3.5	.4														531	531	793	403
30/ 29	.2	7.7	2.5	.1														642	642	656	502
28/ 27	1.1	7.5	2.3															665	665	753	743
26/ 25	.7	5.5	.3															398	398	563	540
24/ 23	.4	4.1	.1															276	276	393	655
22/ 21	.9	.8	.1															113	113	253	568
20/ 19	.7	.6																80	80	95	441
18/ 17	.1	.2																20	20	56	341
16/ 15		.2																12	12	18	177
14/ 13		.0																1	1	1	56
12/ 11	.0	.0																3	3	3	41
10/ 9																					33
8/ 7																					2
TOTAL	7.2	56.1	27.5	7.2	1.5	.5	.1											6096	6096	6096	6096

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	37892350	475540	78.0	11.429	6096
Dry Bulb	7131948	204504	33.5	6.673	6096
Wet Bulb	6163783	190309	31.2	6.043	6096
Dew Point	4777606	165438	27.1	6.872	6096

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb		302.2					672
Wet Bulb		395.1					672
Dew Point		496.3					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	MAR

PAGE 1 — HOURS L.S.T. 0000-0200

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55			.4			.2												5	5		
54/ 53		.5		.1	.4													8	8	3	1
52/ 51		.6	.4	.8	.2		.1											18	18	6	2
50/ 49	.1	1.3	1.7	.7														32	32	8	7
48/ 47		1.6	1.6	.8	.5													37	37	18	8
46/ 45		2.9	2.6	.7	.4													55	55	39	16
44/ 43	.5	1.6	3.0	1.9	.4													61	61	56	16
42/ 41		2.4	6.0	.7														76	76	42	48
40/ 39	.1	4.5	6.0	.6														94	94	65	31
38/ 37	.7	4.5	4.8	.7														90	90	110	53
36/ 35	1.6	6.5	5.7	.8	.2													124	124	113	97
34/ 33	.5	2.9	4.2	.4														66	66	98	99
32/ 31	.4	3.0	3.7	.5	.4													66	66	87	76
30/ 29	.4	4.2	1.6															51	51	80	84
28/ 27		1.3	1.4	.1														24	24	47	89
26/ 25		.2	.6	.2														9	9	28	58
24/ 23		.5	1.2															14	14	11	50
22/ 21		.2	.6															7	7	10	27
20/ 19																				13	17
18/ 17																				3	16
16/ 15																					8
14/ 13																					11
12/ 11																					6
10/ 9																					9
8/ 7																					6
6/ 5																					2
TOTAL	4.2	38.6	45.3	9.2	2.4	.2	.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.	4935889	63543	75.9	11.567	837							
Dry Bulb	1257251	31953	38.2	6.691	837		19.0					93
Wet Bulb	1079391	29563	35.3	6.491	837		31.0					93
Dew Point	857745	25945	31.0	8.001	837		51.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57				.1														1	1		
56/ 55			.2															2	2		
54/ 53		.2			.2													4	4	2	
52/ 51		.5	.4	.5	.1													12	12	7	2
50/ 49		.5	.5	.4	.2													13	13	3	5
48/ 47	.2	1.2	2.4	.2		.1												35	35	10	7
46/ 45		4.2	2.4	.2														57	57	34	16
44/ 43	.2	2.2	1.9	.7	.1													43	43	54	10
42/ 41	.1	3.9	5.3	.6	.2													85	85	43	52
40/ 39	.2	4.7	3.9	.4														77	77	52	42
38/ 37	1.1	5.3	3.0	.2	.1													81	81	90	45
36/ 35	1.4	7.8	3.7	.5	.1													113	113	101	85
34/ 33	.8	4.9	5.6	.2														97	97	114	74
32/ 31	.7	3.0	2.6	.2														55	55	88	89
30/ 29	.7	6.0	1.8		.2													73	73	100	74
28/ 27	.1	2.9	2.2	.1														44	44	62	107
26/ 25		.7	.1															7	7	30	65
24/ 23		1.2	.8															17	17	12	58
22/ 21		.4	1.2															13	13	9	26
20/ 19		.6	.1															6	6	8	23
18/ 17		.1																1	1	15	17
16/ 15		.1																1	1	2	7
14/ 13																				1	2
12/ 11																					10
10/ 9																					10
8/ 7																					6
6/ 5																					5
TOTAL	5.7	50.2	38.1	4.4	1.4	.1												837	837	837	837

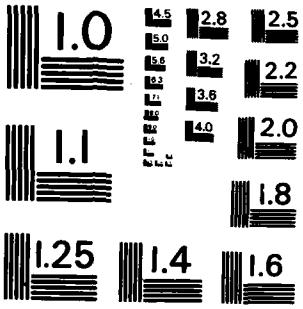
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5273703	65811	78.6	10.896	837
Dry Bulb	1169322	30758	36.7	6.833	837
Wet Bulb	1024071	28743	34.3	6.655	837
Dew Point	833992	25558	30.5	8.005	837

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		24.1					93
Wet Bulb		36.3					93
Dew Point		55.4					93

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

AD-A122 718 HAHN AB GERMANY (WEST) REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 09 AUG 82 4/5

UNCLASSIFIED USAFETAC/DS-82/049 SBI-AD-E850 208 F/G 4/2 NL



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
MAR — MONTH

PAGE 1 — 0600-0800 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
58/ 57				.1														1	1		
56/ 55			.2															2	2		
52/ 51	.1	.6		.2	.1													9	9	9	1
50/ 49		.5	.7	.2	.1													13	13	3	5
48/ 47	.2	.7	1.3	.6														24	24	8	8
46/ 45		3.8	1.2	.6														47	47	23	13
44/ 43	.4	3.2	2.2	.4														51	51	50	14
42/ 41		3.7	6.3	1.0														92	92	34	44
40/ 39	.6	4.8	4.5	.2														85	85	67	41
38/ 37	1.1	3.2	3.2	.5	.1													68	68	93	36
36/ 35	1.6	8.0	4.8															120	120	89	95
34/ 33	1.2	4.1	4.2															79	79	125	75
32/ 31	.2	5.1	2.8															68	68	86	75
30/ 29	.5	5.3	2.2	.1														67	67	87	89
28/ 27	1.0	3.5	1.7	.2														53	53	74	101
26/ 25		1.2	.2	.1														13	13	30	70
24/ 23		2.0	.6															22	22	15	61
22/ 21		.8	.6															12	12	18	30
20/ 19		.6	.1															6	6	10	16
18/ 17		.2																2	2	10	14
16/ 15		.2																2	2	3	19
14/ 13																				2	7
12/ 11																					7
10/ 9																					6
8/ 7																					5
6/ 5																					4
TOTAL	6.8	51.7	36.8	4.3	.4													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.	5361842	66424	79.5	10.039	836							
Dry Bulb	1136787	30305	36.3	6.766	836		27.5					93
Wet Bulb	1002045	28413	34.0	6.600	836		37.3					93
Dew Point	821475	25371	30.3	7.854	836		56.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAR (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
60/ 59					.1													1	1		
58/ 57					.1													1	1		
56/ 55			.4		.1	.1												5	5		
54/ 53			.4	.4	.2	.1												9	9		
52/ 51		.4	.6	.5	.2													14	14	9	
50/ 49	.2	.8	1.1	.6	.4													26	26	9	5
48/ 47	.1	.6	3.1	1.0	.4													43	43	16	9
46/ 45		4.5	2.5	2.2														77	77	45	17
44/ 43		2.5	4.3	1.3	.1													69	69	57	27
42/ 41		2.5	7.9	.8														94	94	64	57
40/ 39	1.0	5.0	6.1	1.1	.1													111	111	83	45
38/ 37	1.2	3.1	3.0	1.0	.1													70	70	109	57
36/ 35	1.1	4.5	4.9	.2	.1													91	91	96	102
34/ 33	.1	2.9	5.5	.5	.1													76	76	85	86
32/ 31		3.1	3.3	.2	.1													57	57	80	65
30/ 29	.5	3.1	1.0	.4	.4													44	44	87	78
28/ 27	.4	1.0	.7	.1														18	18	46	81
26/ 25		.8	.6															12	12	12	64
24/ 23		1.0	.7															14	14	18	64
22/ 21		.5																4	4	14	13
20/ 19		.1																1	1	6	17
18/ 17																				1	14
16/ 15																					13
14/ 13																					6
12/ 11																					5
10/ 9																					8
8/ 7																					2
6/ 5																					2
TOTAL	4.5	36.4	46.0	10.2	2.6	.2												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.	4931084	63506	75.9	11.609	837							
Dry Bulb	1296133	32457	38.8	6.700	837		16.7					93
Wet Bulb	1110523	30013	35.9	6.407	837		29.3					93
Dew Point	884914	26420	31.6	7.808	837		48.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
MAR — MONTH

PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 61				.2			.2											4	4		
6/ 59					.6	.4	.1	.1	.2									12	12		
56/ 57			.1		1.0	.5	.1											14	14		
50/ 55		.4	.1	.8	.7	.1	.2											20	20	2	
54/ 53			.2	1.8	1.1	.1												27	27	4	
52/ 51	.2	.4	1.1	1.7	.7	.1												35	35	12	6
50/ 49		.8	1.0	1.3	1.1	.2												37	37	33	3
48/ 47		1.1	2.3	1.6	1.8													56	56	46	8
46/ 45		2.9	2.9	5.7	.8	.4	.2											106	108	55	26
44/ 43		1.8	3.5	2.9	1.0	.2												78	78	54	38
42/ 41	.2	2.8	3.9	3.1	.6	.7												95	95	90	66
40/ 39	.2	4.8	4.1	2.9	1.2	.1												111	111	93	45
36/ 37	.1	2.6	3.2	2.5	.5	.1												76	76	98	72
36/ 35	.1	1.4	4.3	1.3	.1	.1												62	62	87	79
34/ 33		1.6	3.5	.6	.5													51	51	77	88
32/ 31		1.3	.4		.4													17	17	94	63
30/ 29	.2	.6	.5	1.0														19	19	49	72
28/ 27		.1	1.2															11	11	9	76
26/ 25			.4															3	3	19	62
24/ 23																				12	49
22/ 21																				2	14
20/ 19																					21
18/ 17																					10
16/ 15																					7
14/ 13																					11
12/ 11																					9
10/ 9																					5
8/ 7																					3
6/ 5																					3
TOTAL	1.2	22.5	32.5	27.4	12.0	3.1	1.0	.1	.2										836		836
																		836		836	

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.	4103801	57331	68.6	14.359	836							
Dry Bulb	1541859	35417	42.4	7.043	836		5.6					93
Wet Bulb	1245578	31824	38.1	6.394	836		20.6					93
Dew Point	923843	26929	32.2	8.220	836		45.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — 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
64/ 63				.2			.1											3	3		
62/ 61				.1		.2	.1											4	4		
60/ 59					.7	1.0	.5		.4									21	21		
58/ 57					1.2	.6	.4											18	18	2	
56/ 55		.2	.2	1.3	.8	.1												23	23	1	
54/ 53			.2	1.8	1.0		.1											26	26	2	
52/ 51	.4	.4	1.3	2.0	1.8	.7												55	55	19	7
50/ 49		.7	.8	1.1	1.3	.1												34	34	39	2
48/ 47		1.4	1.3	1.4	1.3	.6	.4											54	54	58	10
46/ 45	.1	2.9	3.6	4.2	1.9	.7	.2											114	114	55	30
44/ 43		1.3	3.7	3.3	1.6	.4	.1											87	87	52	39
42/ 41		2.6	5.0	2.3	1.4	.6												100	100	89	65
40/ 39		3.0	4.5	2.5	1.9													100	100	86	60
38/ 37	.1	1.1	2.9	3.3	.5	.2												68	68	115	55
36/ 35		2.0	3.2	.6	.4	.1												53	53	83	78
34/ 33		.7	3.1	.5	.8													43	43	72	78
32/ 31	.2	1.1	.6	.5														20	20	91	66
30/ 29		.1	.2	.4														6	6	39	60
28/ 27		.1	.7															7	7	9	78
26/ 25		.1																1	1	18	64
24/ 23																				7	54
22/ 21																					23
20/ 19																					17
18/ 17																					15
16/ 15																					3
14/ 13																					12
12/ 11																					10
10/ 9																					5
8/ 7																					1
6/ 5																					5
TOTAL	.8	17.8	31.5	25.6	16.6	5.4	1.9		.4										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.	3817980	55120	65.9	15.000	837							
Dry Bulb	1624395	36385	43.5	7.148	837		3.8					93
Wet Bulb	1285378	32356	38.7	6.432	837		18.2					93
Dew Point	924931	26905	32.1	8.477	837		45.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
16616C	HAHN AB DL	73-81	MAR

PAGE 1 — 1800-2000 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
62/ 61				.1														1	1		
60/ 59				.1		.2	.1											4	4		
58/ 57			.1		.6	.1												7	7		
56/ 55			.1	.6	1.3	.4	.2											22	22	1	
54/ 53		.1	.5	.8	.6	.1	.1											19	19	2	
52/ 51	.4	.4	.7	1.1	.2	.2												25	25	8	3
50/ 49		.8	1.4	1.1	.6	.1												34	34	22	6
48/ 47		1.4	1.9	1.0	.6													41	41	39	9
46/ 45	.1	3.1	1.8	3.8	.5	.5												82	82	47	29
44/ 43		2.2	5.3	3.7	.5													97	97	48	16
42/ 41		2.4	7.4	3.3	.6	.1												116	116	67	60
40/ 39	.1	3.0	5.7	1.4	1.0	.1												95	95	108	53
38/ 37	.6	2.3	4.2	1.7	.2													75	75	100	62
36/ 35	.1	2.0	4.1	2.0	.5	.1												74	74	101	78
34/ 33	.1	1.8	5.0	1.3	.7													75	75	81	97
32/ 31	.1	1.1	1.4	.4	.5													29	29	76	52
30/ 29		1.9	.1	.2	.4													22	22	71	83
28/ 27			.5	.2														6	6	28	83
26/ 25		.6	.5															9	9	18	53
24/ 23		.1	.1															2	2	11	54
22/ 21			.1															1	1	7	28
20/ 19																					18
18/ 17																				1	10
16/ 15																					7
14/ 13																					7
12/ 11																					11
10/ 9																					2
8/ 7																					6
6/ 5																					9
TOTAL	1.6	23.2	41.0	23.0	8.7	2.0	.5												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.	4267908	58628	70.1	13.685	836							
Dry Bulb	1443750	34280	41.0	6.755	836		7.7					93
Wet Bulb	1184152	31008	37.1	6.385	836		23.6					93
Dew Point	890711	26373	31.5	8.387	836		47.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
56/ 55			.4	.1		.2												6	6		
54/ 53			.1	.5	.5													9	9		
52/ 51	.1	1.0	1.1	1.1	.1	.1												29	29	6	1
50/ 49		1.3	.6	1.0		.1												25	25	18	3
48/ 47		1.1	2.9	1.1		.2												44	44	20	18
46/ 45		3.0	2.6	1.1	.5													60	60	53	15
44/ 43	.1	2.0	3.8	2.7														73	73	46	24
42/ 41	.1	3.9	7.5	1.3	.1													109	109	45	46
40/ 39	.1	2.7	6.7	.7	.2													88	88	91	56
38/ 37	1.3	3.6	5.4	1.4	.4													101	101	101	55
36/ 35	.4	4.3	5.4	1.3	.1													96	96	105	83
34/ 33		1.9	5.4	1.1	.1													71	71	103	79
32/ 31		1.6	2.2	.5	.4													38	38	67	64
30/ 29		3.8	1.1	.7	.2													49	49	83	86
28/ 27		1.2	.6	.4														18	18	45	96
26/ 25		.1	.4	.4														7	7	20	48
24/ 23		.5	.8															11	11	13	65
22/ 21		.1	.2															3	3	14	22
20/ 19																				5	20
18/ 17																				2	9
16/ 15																					12
14/ 13																					5
12/ 11																					10
10/ 9																					10
8/ 7																					5
6/ 5																					5
TOTAL	2.2	32.1	47.1	15.3	2.6	.7												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.	4689853	61823	73.9	12.152	837							
Dry Bulb	1315045	32723	39.1	6.537	837		14.0					93
Wet Bulb	1113502	30048	35.9	6.451	837		27.7					93
Dew Point	869759	26079	31.2	8.271	837		50.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 6160	HAHN AB DL	73-81	MAR

PAGE 1

HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63				.0			.0											3	3		
62/ 61				.1		.0	.0											9	9		
60/ 59				.0	.2	.2	.1	.0	.1									38	38		
58/ 57			.0	.0	.4	.1	.1											42	42	2	
56/ 55		.1	.3	.4	.4	.1	.1											85	85	4	
54/ 53		.1	.2	.7	.5	.0	.0											102	102	13	1
52/ 51	.1	.5	.7	1.0	.4	.1	.0											197	197	76	22
50/ 49	.0	.9	1.0	.8	.5	.1												214	214	135	36
48/ 47	.1	1.1	2.1	1.0	.6	.1	.0											334	334	215	77
46/ 45	.0	3.4	2.5	2.3	.5	.2	.1											600	600	351	162
44/ 43	.1	2.1	3.5	2.1	.4	.1	.0											559	559	417	184
42/ 41	.1	3.0	6.2	1.6	.4	.2												767	767	474	438
40/ 39	.3	4.1	5.2	1.2	.6	.0												761	761	645	373
38/ 37	.8	3.2	3.7	1.4	.2	.0												629	629	816	435
36/ 35	.8	4.6	4.5	.9	.2	.0												733	733	775	697
34/ 33	.3	2.6	4.6	.6	.3													558	558	755	676
32/ 31	.2	2.4	2.1	.3	.2													350	350	669	550
30/ 29	.3	3.1	1.0	.3	.1													331	331	596	626
28/ 27	.2	1.3	1.1	.1														181	181	320	711
26/ 25		.5	.3	.1														61	61	175	484
24/ 23		.7	.5															80	80	99	455
22/ 21		.3	.3															40	40	74	183
20/ 19		.2	.0															13	13	42	149
18/ 17		.0																3	3	32	105
16/ 15		.0																3	3	5	76
14/ 13																				3	61
12/ 11																					68
10/ 9																					55
8/ 7																					34
6/ 5																					35
TOTAL	3.4	34.1	39.8	14.9	5.8	1.5	.4	.0	.1										6693		6693
																		6693		6693	

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.	37382150	492186	73.5	13.324	6693							
Dry Bulb	10784542	264278	39.5	7.225	6693		118.1					744
Wet Bulb	9044640	241968	36.2	6.661	6693		224.0					744
Dew Point	7007370	209580	31.3	8.152	6693		399.3					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB OL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PAGE 1 0000-0200 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6[illegible]/ 61					.1		.1											2	2		
[illegible]/ 59				.1		.1	.1											3	3		
5[illegible]/ 57				.1		.2	.1											4	4		
56/ 55				.1	.5	.2												7	7		
[illegible]4/ 53		.4	.4	.2	1.0	1.6	.4											32	32	5	1
52/ 51		.1	1.5	.4	.9	.7												29	29	1	2
5[illegible]/ 49		.6	1.9	.9	1.9	.9												49	49	14	1
48/ 47	.2	1.5	2.1	1.0	1.5	.2												53	53	32	12
46/ 45	.7	1.9	3.1	2.7	1.5													80	80	55	28
44/ 43		2.5	3.3	2.6	.7													74	74	64	14
42/ 41	.1	3.3	3.1	2.0	1.0													77	77	76	49
4[illegible]/ 39		2.5	3.8	3.6	.5													84	84	93	35
3[illegible]/ 37		2.8	4.1	1.1	.2													67	67	75	54
3[illegible]/ 35		3.3	5.3	2.5	.2													92	92	81	85
34/ 33		5.2	4.1	1.0	.1													84	84	110	62
32/ 31	.1	2.7	2.0	.4														42	42	94	81
3[illegible]/ 29		1.9	.9	.1														23	23	68	100
28/ 27		.5	.4															7	7	28	121
26/ 25																				10	50
24/ 23																				3	50
[illegible]2/ 21																					21
[illegible]/ 19																					16
16/ 17																					18
16/ 15																					3
14/ 13																					2
1[illegible]/ 11																					4
TOTAL	1.2	29.2	35.8	18.8	10.1	4.1	.7												809		809
																		809		809	

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.	4182333	57079	70.6	13.856	809							
Dry Bulb	1403614	33254	41.1	6.740	809		8.0					90
Wet Bulb	1146424	30078	37.2	5.902	809		22.6					90
Dew Point	856055	25665	31.7	7.087	809		51.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]6160	HAHN AB DL	73-81	APR

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
58/ 57			.1															1	1		
56/ 55			.1			.2												3	3		
54/ 53		.1			.6	.5												10	10	1	
52/ 51	.4		.4	.5	1.1	.4												22	22	5	3
50/ 49		.2	.6	.2	.5	.5												17	17		3
48/ 47		2.1	1.1	.6	.7	.1												38	38	18	
46/ 45	.9	3.0	3.5	1.7	1.2													83	83	44	27
44/ 43		2.5	3.7	2.2	.6													73	73	48	17
42/ 41	.2	5.1	4.1	2.6	.1													98	98	78	46
40/ 39		3.1	4.2	1.6	.2													74	74	78	36
38/ 37	.1	5.6	4.4	1.5														94	94	75	52
36/ 35		3.7	2.8	1.0														61	61	103	72
34/ 33	.1	6.9	4.8	1.2														106	106	94	73
32/ 31	.2	5.1	3.3	.2														72	72	127	64
30/ 29		3.2	.2	.4														31	31	74	94
28/ 27	.1	2.0	1.0															25	25	41	139
26/ 25		.2																2	2	24	56
24/ 23																					62
22/ 21																					23
20/ 19																					28
18/ 17																					11
16/ 15																					2
14/ 13																					2
TOTAL	2.1	42.7	34.4	13.8	5.2	1.7													810		810
																		810		810	

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.	4654812	60528	74.7	12.764	810							
Dry Bulb	1267585	31647	39.1	6.203	810		14.4					90
Wet Bulb	1071322	29098	35.9	5.671	810		29.6					90
Dew Point	833967	25395	31.4	6.834	810		53.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (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	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55						.2												2	2		
54/ 53		.2		.1	.2	.4	.1											9	9		
52/ 51		.5	.2	.7	.6	.2												19	19	5	
50/ 49		1.0	.6	.4	.9	.1												24	24	4	5
48/ 47		1.4	1.1	.6	.9	.2												34	34	19	4
46/ 45	.5	4.3	4.0	2.5	.6													96	96	35	24
44/ 43	.1	2.6	3.5	2.6	.6													76	76	56	24
42/ 41		5.1	3.0	2.2	.1													84	84	85	41
40/ 39		3.8	5.3	1.1	.2													85	85	77	33
38/ 37		3.8	3.5	1.5														71	71	75	62
36/ 35		6.5	3.6	1.1	.1													92	92	96	64
34/ 33	.1	5.4	4.0	1.0														85	85	104	62
32/ 31		4.0	3.1	.1														58	58	101	89
30/ 29		4.8	1.1	.2														50	50	95	103
28/ 27		2.1	.9															24	24	35	123
26/ 25		.1																1	1	22	57
24/ 23																				1	59
22/ 21																					29
20/ 19																					22
18/ 17																					3
16/ 15																					4
14/ 13																					1
12/ 11																					1
TOTAL	.7	45.7	33.7	14.2	4.3	1.2	.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.	468841	61	75.1	12.029	810							
Dry Bulb	1270464	31684	39.1	6.201	810		14.8					90
Wet Bulb	1076508	29168	36.0	5.688	810		26.2					90
Dew Point	844258	25576	31.6	6.734	810		54.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 6160	HAHN AB DL	73-81	APR

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65									.1										1	1		
64/ 63				.2			.1	.5											7	7		
62/ 61						.4	.4	.1											7	7		
60/ 59					.4	1.2	.9												20	20		
58/ 57			.1	.1	.7	.7	.1												15	15	2	
56/ 55			.1	.5	1.0	1.6	.2												28	28		
54/ 53		.4	.6	1.1	1.7	.9	.1												39	39	1	
52/ 51		.1	1.0	1.2	1.5	.7													37	37	17	3
50/ 49		.5	.9	1.0	1.2	.4	.1												33	33	37	3
48/ 47		1.4	1.4	1.9	1.7	.7													57	57	48	10
46/ 45	.4	3.7	3.8	3.8	1.4	.7													112	112	72	30
44/ 43		.4	4.1	2.0	1.4	.1													64	64	66	36
42/ 41		3.0	3.5	3.2	1.5														90	90	85	43
40/ 39		2.5	4.3	1.7	.7														75	75	84	54
38/ 37		2.6	4.3	1.9	.1														72	72	72	78
36/ 35		3.3	3.6	.7															62	62	96	86
34/ 33		2.2	4.1	.6															56	56	92	73
32/ 31		2.0	1.2																26	26	87	59
30/ 29		1.0																	8	8	46	90
28/ 27		.1																	1	1	5	97
26/ 25																						69
24/ 23																						52
22/ 21																						15
20/ 19																						6
18/ 17																						3
16/ 15																						3
TOTAL	.4	23.1	33.0	20.0	13.3	7.5	2.0	.6	.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.	3913137	55077	68.0	14.415	810							
Dry Bulb	1582850	35284	43.6	7.529	810		3.9					90
Wet Bulb	1259244	31558	39.0	6.062	810		15.3					90
Dew Point	921784	26776	33.1	6.731	810		43.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69									.1									1	1		
68/ 67								.1	.1									2	2		
66/ 65									.9									7	7		
64/ 63				.2	.1	.2	.9	1.6	.2									27	27		
62/ 61			.1	.4		1.6	2.6	.1										39	39		
60/ 59				.5	.5	1.1	3.5	.2										47	47	1	
58/ 57				.5	.4	1.5	.7											25	25	2	
56/ 55			.4	.5	.7	2.1	.7											36	36	4	1
54/ 53		.1	.1	.1	1.4	1.5	.5	.1										31	31	10	1
52/ 51		.2	1.5	1.4	1.5	1.1	.9											53	53	42	2
50/ 49		.7	.7	.6	2.2	.6	.7	.1										47	47	66	7
48/ 47		1.1	1.5	2.2	2.2	1.9	.2											74	74	69	10
46/ 45		1.7	3.6	2.3	3.5	1.2												100	100	59	37
44/ 43		.5	3.0	1.5	2.3	.7												65	65	82	19
42/ 41		1.6	2.0	3.6	2.0	.4												77	77	72	51
40/ 39		1.9	3.5	1.9	1.5	.1												71	71	84	66
38/ 37	.1	2.0	3.7	.7														53	53	88	79
36/ 35		1.9	1.7	.6														34	34	95	85
34/ 33		.2	1.0	.1														11	11	79	81
32/ 31		.9	.4															10	10	41	60
30/ 29																				16	77
28/ 27																					87
26/ 25																					63
24/ 23																					39
22/ 21																					17
20/ 19																					17
18/ 17																					8
16/ 15																					2
14/ 13																					1
TOTAL	.1	12.8	23.1	17.2	18.3	14.1	10.7	2.3	1.4									810	810	810	810

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.	3114777	48519	59.9	16.053	810							
Dry Bulb	1881683	38451	47.5	8.350	810		1.1	.3				90
Wet Bulb	1397330	33262	41.1	6.235	810		6.3					90
Dew Point	935844	26932	33.2	7.064	810		41.2					90

USAFETAC FORM AW 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	APR

PAGE 1 — HOURS L.S.T. 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69									.4									3	3		
68/ 67									.1	.1								2	2		
66/ 65					.1	.1			1.0	.1								11	11		
64/ 63					.4	.7	.9	2.5	1.1									45	45		
62/ 61				.5	.1	1.1	2.3	1.0										41	41		
60/ 59			.2		.4	.5	2.8	.6										37	37		
58/ 57				.1	.1	2.0	1.1	.1										28	28	3	
56/ 55			.1	1.1	.5	2.2	1.5	.1										45	45	8	
54/ 53			1.0	.7	.7	1.6	1.4	.2										46	46	13	1
52/ 51		.4	.4	1.2	1.2	1.4	1.7	.4										54	54	30	6
50/ 49		.5	.1	.4	2.1	1.5	.6											42	42	83	3
48/ 47		1.6	1.2	1.4	1.2	1.9												59	59	67	7
46/ 45		.7	3.2	1.6	3.8	1.9	.1											92	92	55	39
44/ 43	.1	1.0	2.5	2.3	1.7	1.6												75	75	76	23
42/ 41		2.6	2.0	4.1	1.7	.5												88	88	77	31
40/ 39		1.9	3.0	1.7	.9													60	60	95	61
38/ 37		1.2	2.0	.5														30	30	92	83
36/ 35		1.9	1.5	.4	.1													31	31	97	79
34/ 33		1.0	.2	.2														12	12	68	73
32/ 31		1.0																8	8	34	78
30/ 29																				11	82
28/ 27																					92
26/ 25																					55
24/ 23																					41
22/ 21																					18
20/ 19																					15
18/ 17																					17
16/ 15																					4
14/ 13																					1
TOTAL	.1	13.7	17.4	16.3	15.2	16.9	12.5	4.9	2.6	.2									809		809
																		809		809	

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.	2907777	46425	57.4	17.365	809							
Dry Bulb	1957333	39181	48.4	8.599	809		.9	.6				90
Wet Bulb	1416255	33481	41.4	6.156	809		5.0					90
Dew Point	912033	26541	32.8	7.149	809		44.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 69									.1									1	1		
[illegible]6/ 65									.1									1	1		
[illegible]4/ 63						.1	.1	.5	1.0									14	14		
[illegible]2/ 61					.4	.7	.6	1.0										22	22		
6[illegible] / 59			.2	.1	.5	.6	2.1	.4										32	32		
[illegible]8/ 57			.1	.6	.4	1.2	1.7	.1										34	34		
5[illegible] / 55		.1	.1	.7	.2	2.5	1.0											38	38	2	
[illegible]4/ 53		.1	.7	.6	1.5	1.6	.7											43	43	10	
[illegible]2/ 51		.7	.6	1.0	1.9	1.0	.2	.1										45	45	18	4
50/ 49			.5	.4	1.6	1.6	1.0											41	41	42	2
[illegible] / 47		1.5	2.2	1.7	1.2	1.6	.2											69	69	64	8
46/ 45	.2	2.1	3.3	2.0	2.2	1.5												92	92	73	40
[illegible]4/ 43		.9	2.5	1.7	2.0	.7												63	63	84	17
42/ 41		2.7	3.0	3.7	1.9	.7												97	97	78	48
[illegible] / 39		1.2	4.1	2.1	1.6													73	73	79	37
38/ 37	.4	1.7	2.8	1.4	.4													54	54	88	61
[illegible]6/ 35		3.5	1.1	.4	.2													42	42	92	93
34/ 33		2.6	1.4	.2	.1													35	35	89	78
[illegible]2/ 31		.7	.5	.1														11	11	63	69
[illegible] / 29		.1	.1															2	2	21	89
28/ 27																				5	112
[illegible]6/ 25																				1	51
24/ 23																					41
[illegible]2/ 21																					17
[illegible] / 19																					17
[illegible]/ 17																					19
16/ 15																					2
14/ 13																					4
TOTAL	.6	18.0	23.4	16.8	16.1	14.0	7.8	2.1	1.2									809		809	809

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.	3313165	49921	61.7	16.970	809							
Dry Bulb	1754695	37121	45.9	7.976	809		1.4	.1				90
Wet Bulb	1320118	32318	39.9	5.999	809		10.0					90
Dew Point	891561	26233	32.4	7.116	809		46.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
APR — MONTH

PAGE 1 — 2100-2300 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1		.1											2	2		
60/ 59				.1	.5	.4	.4	.2										13	13		
58/ 57				.4	.4	.5	.6	.2										17	17		
56/ 55			.1	.2	.7	1.0	.4											20	20		
54/ 53		.6	.2	.2	1.0	2.2	.5											39	39	4	
52/ 51		.7	1.0	1.0	2.2	1.2	.2											52	52	11	1
50/ 49		.1	.7	.5	1.5	.5												27	27	19	5
48/ 47		1.1	2.0	1.2	2.0	.5												55	55	37	10
46/ 45	.9	2.3	3.5	2.8	1.5	.5												93	93	67	29
44/ 43		2.2	3.1	3.1	1.5	.2												82	82	75	22
42/ 41		2.3	3.3	2.1	1.2	.2												75	75	86	50
40/ 39		3.2	4.7	3.1	1.1													98	98	78	38
38/ 37	.1	2.0	4.0	1.5	.9													68	68	84	41
36/ 35		2.7	4.2	1.4														67	67	84	81
34/ 33		4.1	2.0	1.0	.1													58	58	108	87
32/ 31		1.6	.7	.4														22	22	84	62
30/ 29		1.7	.6	.1														20	20	43	89
28/ 27		.1	.1															2	2	23	139
26/ 25																				6	38
24/ 23																				1	61
22/ 21																					18
20/ 19																					10
18/ 17																					23
14/ 13																					3
12/ 11																					3
TOTAL	1.0	24.9	30.2	19.1	14.7	7.3	2.2	.5											810		810
																		810		810	

WET BULB TEMPERATURE DEPRESSION (F)

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.	3845127	54461	67.2	15.056	810							
Dry Bulb	1523722	34648	42.8	7.175	810		4.9					90
Wet Bulb	1208387	30911	38.2	5.963	810		17.4					90
Dew Point	868900	25898	32.0	7.107	810		49.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	APR

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69									.1									5	5		
68/ 67								.0	.0	.0								4	4		
66/ 65					.0	.0			.3	.0								20	20		
64/ 63				.1	.1	.1	.2	.6	.3									93	93		
62/ 61			.0	.1	.1	.5	.8	.3										113	113		
60/ 59			.1	.1	.3	.5	1.2	.2										152	152	1	
58/ 57			.0	.2	.2	.8	.6	.1										124	124	7	
56/ 55		.0	.1	.4	.5	1.3	.5	.0										179	179	14	1
54/ 53		.2	.4	.4	1.0	1.3	.5	.0										249	249	44	3
52/ 51	.0	.4	.8	.9	1.4	.8	.4	.1										311	311	129	21
50/ 49		.5	.8	.5	1.5	.8	.3	.0										280	280	265	29
48/ 47	.0	1.5	1.6	1.3	1.4	.9	.1											439	439	354	61
46/ 45	.4	2.5	3.5	2.4	2.0	.7	.0											748	748	460	254
44/ 43	.0	1.6	3.2	2.3	1.4	.4												572	572	551	172
42/ 41	.0	3.2	3.0	2.9	1.2	.2												686	686	637	359
40/ 39		2.5	4.1	2.1	.8	.0												620	620	668	360
38/ 37	.1	2.7	3.6	1.3	.2													509	509	649	510
36/ 35		3.4	3.0	1.0	.1													481	481	744	645
34/ 33	.0	3.5	2.7	.7	.0													447	447	744	589
32/ 31	.0	2.2	1.4	.2														249	249	631	562
30/ 29		1.6	.4	.1														134	134	374	724
28/ 27	.0	.6	.3															59	59	137	910
26/ 25		.0																3	3	63	439
24/ 23																				5	405
22/ 21																					158
20/ 19																					131
18/ 17																					102
16/ 15																					20
14/ 13																					14
12/ 11																					8
TOTAL	.8	26.3	28.9	17.0	12.2	8.4	4.5	1.3	.7	.0								6477	6477	6477	6477

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.	30619603	432861	66.8	16.161	6477							
Dry Bulb	12641946	281270	43.4	8.125	6477		49.5	1.0				720
Wet Bulb	9895588	249874	38.6	6.285	6477		134.5					720
Dew Point	7064402	209036	32.3	7.008	6477		386.1					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (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
68/ 67							.1	.1										2	2		
66/ 65							.1	.1										2	2		
64/ 63				.1		.2	.2											5	5		
62/ 61			.2	.1		1.7	.1											18	18		
60/ 59			.4	.1	1.1	1.3												24	24		
58/ 57		.2	.8	.7	.7	.7	.5											31	31	4	
56/ 55	.2	.1	1.2	2.9	1.0	.4												48	48	9	3
54/ 53		.8	4.2	2.6	2.2	1.1	.1											92	92	19	8
52/ 51		1.9	4.3	2.9	1.7	.4												93	93	56	5
50/ 49	.1	1.3	5.6	2.5	1.6													93	93	100	32
48/ 47	.1	2.3	5.3	2.0	1.2	.1												92	92	102	37
46/ 45	.1	4.7	5.5	3.1	1.0													120	120	122	108
44/ 43	.1	1.6	4.2	2.2	.7	.2												75	75	119	91
42/ 41	.5	2.5	2.9	2.0	.2													68	68	83	114
40/ 39		.8	1.2	.5														21	21	83	87
38/ 37		.8	1.6	.2														22	22	53	70
36/ 35	.2	.8	1.0	.4														20	20	40	83
34/ 33		.4	.4															6	6	28	53
32/ 31		.2	.1															3	3	15	45
30/ 29		.2																2	2	2	42
28/ 27																				2	35
26/ 25																					16
24/ 23																					5
22/ 21																					3
TOTAL	1.4	18.8	38.7	22.3	11.2	6.1	1.2	.2										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.	4391198	59682	71.3	12.735	837							
Dry Bulb	1996500	40536	48.4	6.315	837		.6	.2				93
Wet Bulb	1644725	36821	44.0	5.459	837		2.1					93
Dew Point	1317913	32771	39.2	6.455	837		16.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61			.1		.1													2	2		
6[illegible]/ 59			.6	.1	.8	.8												20	20		
58/ 57		.4	.2	.5	.5	.4												16	16	1	
56/ 55	.2	.5	.7	1.9	1.4	.2												42	42	10	3
54/ 53		.8	2.0	2.3	.5	.1												48	48	9	9
52/ 51	.1	1.7	3.8	3.2	.8	.2												83	83	26	10
50/ 49		1.6	3.2	1.3	.8													58	58	75	9
48/ 47		2.7	6.0	2.6	.2													97	97	104	28
46/ 45	.2	8.8	7.3	2.7	.6													165	165	99	115
44/ 43	.1	2.7	3.2	2.7	.1													75	75	137	83
42/ 41	.6	5.3	5.5	2.2	.1													114	114	93	130
40/ 39	.1	1.8	2.0	1.0														41	41	88	82
38/ 37		1.2	1.8	.1														26	26	77	72
36/ 35	.1	1.1	1.9	.2														28	28	46	67
34/ 33		.6	.1															6	6	39	63
32/ 31		1.0																8	8	21	49
30/ 29		1.0																8	8	9	28
28/ 27																				3	67
26/ 25																					14
24/ 23																					8
TOTAL	1.6	31.1	38.6	20.9	6.1	1.8													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.	4868120	63118	75.4	11.387	837							
Dry Bulb	1820688	38710	46.2	6.031	837		1.8					93
Wet Bulb	1549255	35713	42.7	5.518	837		3.7					93
Dew Point	1284111	32333	38.6	6.480	837		18.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — 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
68/ 67					.1													1	1		
66/ 65				.1	.1		.1	.1										4	4		
64/ 63				.5	.1	.5	.2											11	11		
62/ 61			.1	.4	.2	.4	.1											10	10	2	
60/ 59		.1	.2	.6	1.2	.6												23	23	1	
58/ 57		.7	.1	1.6	1.0	.1												29	29	6	3
56/ 55		.6	1.0	3.8	1.3	.1												57	57	13	8
54/ 53		1.3	1.1	2.4	1.4	.5												56	56	19	5
52/ 51		1.1	3.7	2.3	1.3	.1												71	71	49	13
50/ 49	.1	.6	6.7	1.4	.8	.4												84	84	81	19
48/ 47		2.9	5.1	2.4	1.3	.1												99	99	90	20
46/ 45	.2	8.1	6.9	2.6	1.2													160	160	130	131
44/ 43	.4	1.7	4.7	1.6	.1													70	70	123	97
42/ 41		3.0	3.6	1.6														68	68	95	121
40/ 39	.1	1.1	2.6	.4														35	35	87	79
38/ 37	.4	.5	1.8															22	22	49	85
36/ 35	.1	1.0	1.0															17	17	38	71
34/ 33		1.0	.7															14	14	30	46
32/ 31		.5	.1															5	5	16	39
30/ 29		.1																1	1	7	46
28/ 27																				1	43
26/ 25																					11
TOTAL	1.3	24.1	39.4	21.5	10.3	2.7	.5	.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.	4642113	61555	73.5	11.739	837							
Dry Bulb	1947734	40014	47.8	6.452	837		.7	.1				93
Wet Bulb	1630109	36637	43.8	5.624	837		2.7					93
Dew Point	1335808	33014	39.4	6.342	837		15.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
76/ 75							.1											1	1		
74/ 73						.2	.1	.1		.1								5	5		
72/ 71					.1	.1	.2	.1	.4									8	8		
70/ 69					.1	.6	.4	.6										14	14		
68/ 67					.2	.7	.4	.5										15	15		
66/ 65					.5	.4	1.6											20	20		
64/ 63				.2	1.7	1.8	.7	.1										38	38	6	
62/ 61			.1	.5	1.6	1.4	.6											35	35	4	
60/ 59		.4	.7	1.6	2.9	1.8	1.0											69	69	14	3
58/ 57		.1	.6	2.0	2.3	1.2	.7											58	58	27	7
56/ 55		.2	.8	3.8	2.9	1.8	.6											85	85	44	8
54/ 53	.1	.4	1.3	4.4	2.3	1.1	.5											84	84	57	14
52/ 51	.1	.5	3.2	4.1	1.4	1.1												87	87	67	26
50/ 49	.1	.2	3.2	1.3	1.1	.6												55	55	103	30
48/ 47	.1	1.6	3.2	1.6	.8	.2												63	63	127	43
46/ 45	.4	3.3	4.1	1.4	.5													81	81	113	144
44/ 43	.2	1.0	2.9	1.0	.5													46	46	88	105
42/ 41		.7	1.8	1.4														33	33	71	111
40/ 39		.4	1.1	.5														16	16	38	82
38/ 37	.4	.4	.2	.1														9	9	35	62
36/ 35		.7	.8															13	13	21	67
34/ 33			.2															2	2	16	25
32/ 31																				4	36
30/ 29																				2	32
28/ 27																					32
26/ 25																					7
24/ 23																					3
TOTAL	1.4	9.8	24.4	23.9	18.8	13.0	6.8	1.4	.4	.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.	3747171	54809	65.5	13.753	837							
Dry Bulb	2395755	44289	52.9	7.906	837			4.8	.7			93
Wet Bulb	1875401	39287	46.9	6.124	837		.7					93
Dew Point	1446606	34346	41.0	6.673	837		12.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
MAY — MONTH

PAGE 1 — 1200-1400 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8 / 79								.2	.1									3	3		
78/ 77						.1	.2			.2								5	5		
76/ 75						.1	.1	.1	.6	.6								13	13		
74/ 73							.2	.2	.5									8	8		
72/ 71						.5	.5		.8									15	15		
70/ 69					.1	.6	.7	.7	.5									22	23		
68/ 67						.5	.7	1.1	.2									21	21	1	
66/ 65				.1	.2	1.7	1.9	.8										40	40	5	
64/ 63			.1	.4	.8	3.2	2.3	1.6	.5									74	74	2	
62/ 61			.1	1.1	1.0	2.4	1.9	.8										61	61	10	2
60/ 59		.2	.6	1.4	3.2	2.9	1.7	.4										87	87	24	1
58/ 57		.1	.4	3.0	3.2	2.5	1.6	.5										94	94	45	8
56/ 55		.4	.5	3.1	2.2	1.2	1.2	.2										73	73	62	10
54/ 53		.1	1.1	1.7	1.4	.6	.5											45	45	70	15
52/ 51		.1	2.3	2.6	1.7	.4	.2											61	61	102	25
50/ 49	.1	.1	1.7	1.4	.8	1.0												43	43	117	36
48/ 47	.2	1.2	2.0	1.7	1.0	.5												55	55	111	42
46/ 45	.1	2.2	1.4	1.3	.7	.2												50	50	85	133
44/ 43		.7	2.2	.7	.7													36	36	71	118
42/ 41		.1	.4	.2	.2													8	8	47	114
40/ 39		.5	.5	.1														9	9	39	72
38/ 37	.1	.2	.4															6	6	17	60
36/ 35		.2	.6															7	7	15	56
34/ 33																				10	37
32/ 31																				3	21
30/ 29																					37
28/ 27																					25
26/ 25																					17
24/ 23																					6
22/ 21																					1
TOTAL	.6	6.2	14.1	18.9	17.3	18.3	13.8	6.7	3.2	.8								836	837	836	836

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.	3034574	48762	58.3	15.100	836							
Dry Bulb	2730073	47273	56.5	8.481	837			9.8	3.2			93
Wet Bulb	2011051	40677	48.7	6.175	836		.3	.1				93
Dew Point	1452395	34357	41.1	6.958	836		11.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
MAY — MONTH

PAGE 1 — 1500-1700 HOURS L. S. T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
82/ 81									.2									2	2		
80/ 79								.1	.4									4	4		
78/ 77							.1	.1	.2	.2	1.0							14	14		
76/ 75							.1	.2	.1	.1								5	5		
74/ 73							.1	.4	.6	.2								11	11		
72/ 71						.5	.5	.2	1.3	.1								22	22		
70/ 69					.1	.4	.4	1.0	1.9									31	31		
68/ 67						.7	1.4	.8		.1								26	26		
66/ 65					.4	.8	1.7	1.4	1.2	.2								48	48	4	
64/ 63				.6	1.0	2.4	1.8	1.9	1.0	.1								73	73	6	
62/ 61			.2	.6	1.6	3.0	2.3	.7										70	70	9	
60/ 59		.1	.4	.6	3.8	2.6	3.1	1.1										98	98	24	
58/ 57		.2	.5	2.2	1.7	1.9	1.6	.6										72	72	46	6
56/ 55		.4	.6	3.1	1.1	2.2	1.0	.2										71	71	62	10
54/ 53		.1	.4	3.2	1.7	.5	.2											51	51	76	15
52/ 51	.2	.4	1.6	1.7	1.4	1.4	.6											61	61	119	32
50/ 49	.1	.4	1.9	1.3	1.8	.2												48	48	121	24
48/ 47	.2	1.3	1.2	1.2		.5	.1											38	38	99	41
46/ 45	.4	1.0	1.2	1.7	.5	.2												41	41	98	146
44/ 43		.5	1.7	.1	.7													25	25	56	102
42/ 41		.1	.7	.1	.1													9	9	47	102
40/ 39		.1	.7	.1														8	8	32	77
38/ 37		.5	.4															7	7	13	60
36/ 35		.1	.1															2	2	18	61
34/ 33																				6	48
32/ 31																				1	31
30/ 29																					32
28/ 27																					33
26/ 25																					10
24/ 23																					5
22/ 21																					1
20/ 19																					1
TOTAL	1.0	5.1	11.5	16.5	15.8	17.3	14.9	8.8	6.9	1.2	1.0							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.	2803515	46565	55.6	15.960	837							
Dry Bulb	2842359	48245	57.6	8.577	837			12.8	4.0	.2		93
Wet Bulb	2043011	41049	49.0	5.975	837		.1					93
Dew Point	1430173	34115	40.8	6.890	837		12.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
MAY — MONTH

PAGE 1 — 1800-2000 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8 / 79								.4										3	3		
78/ 77											.4							3	3		
76/ 75							.1	.1	.1	.4								6	6		
74/ 73							.6	.1	.5									10	10		
72/ 71						.1	.2	.2	.5									9	9		
7 / 69						.4	.5	1.1	.7									22	22		
68/ 67					.1	.1	.7	1.2	.1									19	19		
66/ 65						1.1	1.3	.5	.2									26	26	3	
64/ 63				.5	.7	2.4	1.7	1.9	.2									62	62	1	
62/ 61			.1	.6	1.0	2.6	1.7	.6	.2									57	57	8	
6 / 59		.1		.7	3.0	2.9	2.2	.4										77	77	13	
58/ 57			.8	1.9	2.0	2.0	1.0	.4	.1									69	69	30	4
56/ 55	.1	.8	.6	3.3	2.3	1.7	1.3	.1										88	88	56	10
54/ 53	.1	.1	1.1	3.1	1.7	1.2	.6											66	66	55	13
52/ 51		1.1	2.3	2.2	2.0	1.2	1.0											81	81	94	18
5 / 49		.5	2.4	1.0	1.6	1.0	.4											56	56	137	23
48/ 47	.4	1.7	2.4	1.7	.2	.2												55	55	105	45
46/ 45		1.9	1.3	1.3	.8	.4												48	48	106	139
44/ 43	.1	.8	1.3	1.2	.6													34	34	73	109
42/ 41	.1	.2	1.3	.5														18	18	58	115
4 / 39		.5	.8	.4														14	14	39	74
38/ 37		.2	.6	.1														8	8	25	51
36/ 35		.1	.5															5	5	19	59
34/ 33																				10	44
32/ 31																				4	38
3 / 29																					28
28/ 27																					40
26/ 25																					18
24/ 23																					6
22/ 21																					1
2 / 19																					1
TOTAL	.8	8.1	15.8	18.4	16.0	17.2	13.2	6.9	2.8	.4	.4								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.	3148548	49536	59.3	15.985	836							
Dry Bulb	2611697	46217	55.3	8.237	836			8.0	2.4			93
Wet Bulb	1936670	39930	47.8	5.943	836		.4					93
Dew Point	1398356	33700	40.3	6.910	836		14.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75							.2	.1										3	3		
72/ 71									.1									1	1		
70/ 69					.1	.1		.5	.4									9	9		
68/ 67						.2	.1	.2										5	5		
66/ 65					.2	.2	.5	.4										11	11		
64/ 63			.1	.1	.6	.6	.8	.1										20	20	2	
62/ 61			.2	.2	.2	1.9	1.0											30	30	4	
60/ 59		.2	.1	.5	1.1	1.4	1.1											37	37	2	1
58/ 57			.6	2.7	1.1	1.1	.5											50	50	8	6
56/ 55		1.0	.7	3.5	2.6	1.1	.6											79	79	21	2
54/ 53	.1	.8	1.8	2.7	1.7	.6	.5											69	69	34	8
52/ 51		1.2	4.4	3.7	2.7	.6	.2											108	108	73	11
50/ 49		1.2	4.8	1.3	1.7	.6												80	80	98	19
48/ 47	.2	1.2	5.4	2.5	1.3	.6												94	94	132	41
46/ 45		3.1	3.6	3.9	1.6	.2												104	104	115	128
44/ 43		1.6	1.6	1.7	.7	.2												48	48	103	89
42/ 41	.2	1.3	1.4	1.3	.													37	37	92	134
40/ 39		.1	1.3	.5														16	16	50	80
38/ 37		.5	1.2	.2														16	16	38	59
36/ 35		.1	1.2	.1														12	12	26	62
34/ 33		.5	.4	.1														8	8	23	51
32/ 31																				15	39
30/ 29																				1	34
28/ 27																					50
26/ 25																					15
24/ 23																					3
22/ 21																					3
20/ 19																					2
TOTAL	.6	12.8	28.8	25.2	15.8	9.6	5.5	1.3	.5										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.	3895981	55837	66.7	14.304	837							
Dry Bulb	2204563	42545	50.8	7.087	837			2.0	.3			93
Wet Bulb	1746377	37933	45.3	5.709	837		1.8					93
Dew Point	1345380	33078	39.5	6.755	837		16.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
MAY — MONTH

PAGE 1

ALL — HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 81									.0									2	2		
[illegible]/ 79								.1	.1									10	10		
78/ 77						.0	.0	.0	.0	.1	.2							22	22		
76/ 75						.0	.1	.1	.1	.1								28	28		
74/ 73						.0	.1	.1	.2	.0								34	34		
72/ 71					.0	.1	.2	.1	.4	.0								55	55		
[illegible]/ 69					.1	.3	.2	.5	.4									98	99		
68/ 67					.1	.3	.4	.5	.0	.0								89	89	1	
66/ 65				.0	.2	.5	.9	.4	.2	.0								151	151	12	
64/ 63			.0	.3	.6	1.4	1.0	.7	.2	.0								283	283	17	
[illegible]/ 61			.2	.4	.7	1.7	1.0	.3	.0									283	283	37	2
[illegible]/ 59		.1	.4	.7	2.1	1.8	1.1	.2										435	435	78	5
[illegible]/ 57		.2	.5	1.8	1.6	1.2	.7	.2	.0									419	419	167	34
56/ 55	.1	.5	.8	3.2	1.8	1.1	.6	.1										543	543	277	54
54/ 53	.0	.6	1.6	2.8	1.6	.7	.3											511	511	339	87
52/ 51	.1	1.0	3.2	2.8	1.6	.7	.3											645	645	586	140
50/ 49	.1	.7	3.7	1.4	1.3	.5	.0											517	517	832	192
48/ 47	.2	1.9	3.8	2.0	.8	.3	.0											593	593	870	297
46/ 45	.2	4.1	3.9	2.3	.9	.1												769	769	868	1044
44/ 43	.1	1.3	2.7	1.4	.5	.1												409	409	770	794
42/ 41	.2	1.7	2.2	1.2	.1													355	355	586	941
40/ 39	.0	.7	1.3	.4														160	160	456	633
38/ 37	.1	.5	1.0	.1														116	116	307	519
36/ 35	.1	.5	.9	.1														104	104	223	526
34/ 33		.3	.2	.0														36	36	162	367
32/ 31		.2	.0															16	16	79	298
30/ 29		.2																11	11	21	279
28/ 27																				6	325
26/ 25																					108
24/ 23																					36
22/ 21																					9
[illegible]/ 19																					4
TOTAL	1.1	14.5	26.4	21.0	13.9	10.8	7.0	3.2	1.7	.3	.2							6694	6695	6694	6694

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.	30531220	439864	65.7	15.595	6694							
Dry Bulb	18549369	347829	52.0	8.454	6695		3.0	37.7	10.7	.2		744
Wet Bulb	14436599	308047	46.0	6.242	6694		11.8	.1				744
Dew Point	11010742	267714	40.0	6.740	6694		117.7					744

USAFETAC FORM AW 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PAGE 1 0000-0200 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75								.1												1	1	
74/ 73						.2			.1	.2										5	5	
72/ 71							.1	.5	.1											6	6	
70/ 69				.1	.5		.4	.1												9	9	
68/ 67				.4	.1	.6	.5	.2												15	15	
66/ 65		.1		.4	.4	1.1	.1													17	17	
64/ 63		.2	.5	2.5	.6	1.4	.2	.1												45	45	5
62/ 61		.1	2.2	1.9	.6	.4														42	42	10	2
60/ 59	.4	.9	4.0	3.0	1.4	.6	.6	.1												88	88	19	11
58/ 57	.1	2.7	4.4	2.5	1.7	.4														96	96	66	8
56/ 55	.2	2.5	3.3	2.2	.9	.4	.4													80	80	99	39
54/ 53	.1	2.1	6.2	4.3	.2	.6	.1													111	111	102	79
52/ 51	.4	1.9	4.2	1.2	.6	.1														68	68	89	73
50/ 49		2.6	3.0	1.1	.2															56	56	119	81
48/ 47	.1	2.8	2.7	1.2	.5															60	60	86	95
46/ 45	.2	3.1	3.0	1.5	.2															65	65	67	128
44/ 43		1.2	1.0	.7	.1															25	25	63	88
42/ 41	.2	.7	1.0	.4																19	19	43	69
40/ 39				.1																1	1	26	21
38/ 37																						13	29
36/ 35																						1	36
34/ 33																						1	25
32/ 31																							13
30/ 29																							8
28/ 27																							3
26/ 25																							1
TOTAL	1.9	21.0	35.5	23.5	8.2	5.8	2.5	1.2	.2	.2								809	809	809	809	809

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	Total
Rel. Hum.	4547001	59703	73.8	13.210	809						
Dry Bulb	2449675	44193	54.6	6.634	809			4.0	.7		90
Wet Bulb	2054159	40515	50.1	5.580	809						90
Dew Point	1746039	37215	46.0	6.497	809		2.8				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
JUN — MONTH

PAGE 1 — 0300-0500 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71					.1													1	1		
7 / 69						.2		.2										4	4		
68/ 67				.1	.1		.2	.2										6	6		
66/ 65			.5		.2	.5	.6											15	15	1	
64/ 63		.4	.2	1.9	.5	.6	.1											30	30	1	
62/ 61		.7	1.4	1.0	.9	1.1												41	41	9	3
7 / 59		1.7	3.0	3.0	2.1		.4											82	82	17	12
58/ 57	.1	1.9	3.0	2.6	1.4	.1	.1											74	74	41	12
56/ 55	.2	3.7	3.7	2.3	1.0	.1												90	90	63	23
54/ 53	.1	4.1	2.5	2.3	.1	.6	.1											80	80	98	58
52/ 51	.4	3.3	4.1	1.2	.6	.5												82	82	115	62
5 / 49	.4	4.6	2.8	.5	.2													69	69	104	75
48/ 47	.1	3.8	2.6	1.1														62	62	101	91
46/ 45		6.7	3.7	1.7	.4													101	101	70	162
44/ 43	.1	2.6	2.0	.2														40	40	86	78
42/ 41		1.2	.9	.4														20	20	47	91
4 / 39		.1	1.1	.1														11	11	35	30
38/ 37			.2															2	2	7	35
36/ 35																				12	26
34/ 33																				3	22
32/ 31																					8
3 / 29																					14
28/ 27																					7
26/ 25																					1
TOTAL	1.5	34.8	31.6	18.5	7.7	3.8	1.6	.5										810	810	810	810

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.	4899675	62187	76.8	12.446	810							
Dry Bulb	2298564	42640	52.9	6.368	810			1.2				90
Wet Bulb	1973410	39722	49.0	5.610	810							90
Dew Point	1708666	36836	45.5	6.434	810		3.3					90

USAFETAC FORM AW 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
76/ 75								.1	.1									2	2		
74/ 73								.2	.1									3	3		
72/ 71						.1	.2	.2										5	5		
70/ 69					.2	.4	.4											8	8		
68/ 67				.1	.2	.4	.6											11	11		
66/ 65			.2	.1	.9	.5	.4											17	17		
64/ 63		.1	.7	1.7	1.0	.7	.2	.1										38	38		
62/ 61		.5	2.5	2.2	.4	1.0												53	53	10	
60/ 59		1.2	4.4	3.3	2.3	.1	.4											96	96	36	6
58/ 57	.2	3.2	2.2	2.7	.9	.2	.1											78	78	64	21
56/ 55	.9	3.0	4.6	2.3	.9	.5												98	98	94	54
54/ 53	.7	2.3	5.9	1.6	.6	.1												92	92	89	69
52/ 51	.7	2.0	3.2	1.5	.6	.1												66	66	119	68
50/ 49	.4	3.0	2.8	.4	.2													55	55	105	76
48/ 47	.5	3.3	4.6	1.5	.1													81	81	87	103
46/ 45	.1	3.7	2.5	.9	.2													60	60	69	165
44/ 43	.6	.7	1.2	.4														24	24	70	55
42/ 41	.2	.6	1.4	.2														20	20	30	70
40/ 39			.4															3	3	23	42
38/ 37																				10	30
36/ 35																				4	16
34/ 33																					21
32/ 31																					5
30/ 29																					8
28/ 27																					1
TOTAL	4.4	23.7	36.7	19.0	8.6	4.2	2.3	.7	.2									810	810	810	810

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.	4802297	61473	75.9	13.011	810							
Dry Bulb	2433366	44082	54.4	6.514	810			3.2	.6			90
Wet Bulb	2070578	40716	50.3	5.438	810							90
Dew Point	1788328	37736	46.6	6.120	810		1.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
JUN — MONTH

PAGE 1 — C900-1100 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 83											.1							1	1		
[illegible]/ 81											.4		.1					4	4		
[illegible]/ 79									.2	.1								3	3		
7[illegible]/ 77						.1	.1	.2	.4	.7	.1							14	14		
[illegible]6/ 75						.2	.5	.2	.4									11	11		
[illegible]4/ 73						.9	.5	.6										16	16		
[illegible]2/ 71					.2	.4	1.0	.1	.4									17	17		
[illegible]/ 69				.1	.9	1.4	.9	.6	.1									32	32		
6[illegible]/ 67			.4	.1	1.6	.5	.2	.2										25	25	1	
[illegible]6/ 65			.2	.9	2.8	1.4	.7	.4										52	52	4	
[illegible]4/ 63			.9	4.4	3.0	1.6	.4	.2	.1									86	86	25	
[illegible]2/ 61		.1	1.5	3.6	2.2	2.1	.2	.4										82	82	40	7
[illegible]/ 59		1.5	3.0	2.3	3.5	.2	.9											92	92	77	12
5[illegible]/ 57	.6	2.0	2.3	3.1	1.5	.2	.2											81	81	100	38
5[illegible]/ 55	.2	1.5	1.6	2.5	.9	.5												58	58	102	78
[illegible]4/ 53	.1	.9	4.1	1.7	1.0	.2	.2											67	67	87	60
[illegible]2/ 51		1.0	2.8	1.9	.2													48	48	99	92
5[illegible]/ 49	.4	1.0	3.2	.4	.1	.1												42	42	90	81
4[illegible]/ 47	.1	1.2	2.7	.4	.2													38	38	67	88
4[illegible]/ 45	.2	1.1	.9	1.0	.1													27	27	67	145
[illegible]4/ 43		.1	.2	.2	.2													7	7	18	59
[illegible]2/ 41		.1	.4															4	4	15	59
4[illegible]/ 39			.1															1	1	10	33
3[illegible]/ 37			.1															1	1	5	8
[illegible]/ 35																				1	23
34/ 33																				1	16
[illegible]2/ 31																					2
[illegible]/ 29																					5
28/ 27																					3
TOTAL	1.7	10.5	24.5	22.6	18.5	9.9	5.9	3.1	1.6	.9	.6		.1					809	809		809

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.	3891160	54834	67.8	14.696	809							
Dry Bulb	2881672	47864	59.2	7.853	809			13.7	5.5	.8		90
Wet Bulb	2295113	42837	53.0	5.756	809			.1				90
Dew Point	1882258	38692	47.8	6.267	809		1.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85													.4	.2				5	5		
84/ 83											.2	.6	.1					8	8		
82/ 81									.1	.4	.4	.2	.1					10	10		
80/ 79								.6	.6	.2	.2							14	14		
78/ 77						.2	.2	.1	.7	1.1								20	20		
76/ 75						.2	.9	.9	.5	.1								21	21		
74/ 73				.1	.1	.5	1.1	1.5	.2									29	29		
72/ 71				.1	.6	.4	2.3	.5	.7									38	38		
70/ 69				.1	1.7	2.0	1.7	.9										52	52		
68/ 67				.1	1.7	1.4	.6	.2	.2									35	35	3	
66/ 65			.2	1.1	2.8	2.2	1.0	.6	.5									69	69	15	
64/ 63		.1	.7	2.8	3.7	3.8	.2	.9	.1									101	101	33	2
62/ 61		.2	.9	3.0	1.7	2.2	.4	.2										70	70	80	6
60/ 59		.9	2.1	1.6	3.1	1.2	.7											78	78	102	17
58/ 57	.1	1.6	1.7	2.8	.9	.7	.2											66	66	87	47
56/ 55	.2	.7	1.6	2.8	1.0	.4	.2											57	57	112	63
54/ 53	.1	.4	.9	2.3	1.0	.1	.1											40	40	83	70
52/ 51		.7	2.3	.6	.4	.1												34	34	92	91
50/ 49		.2	1.4	.2	.7													21	21	74	83
48/ 47		1.4	.7	.7	.2	.2												27	27	63	89
46/ 45		.1	.4	.6	.1													10	10	27	146
44/ 43			.4	.1														4	4	15	43
42/ 41				.1														1	1	15	62
40/ 39																				7	23
38/ 37																				1	23
36/ 35																				1	27
34/ 33																					5
32/ 31																					7
30/ 29																					3
28/ 27																					2
26/ 25																					1
TOTAL	.5	6.4	13.3	19.5	19.9	15.8	9.9	6.4	3.8	1.9	.9	.9	.6	.2				810	810	810	810

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.	3211034	49464	61.1	15.343	810							
Dry Bulb	3231178	50688	62.6	8.557	810			25.8	11.9	3.0		90
Wet Bulb	2432952	44148	54.5	5.747	810			.3				90
Dew Point	1900042	38894	48.0	6.334	810		1.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
JUN — MONTH

PAGE 1 — 1500-1700 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87														.1				1	1		
86/ 85												.1	1.1	.1				11	11		
84/ 83											.2	.4						5	5		
82/ 81									.2	1.0	.2	.4						15	15		
80/ 79									.5	.2	.4							9	9		
78/ 77							.2	.7	.9	1.2								25	25		
76/ 75							.5	1.2	1.0		.1							23	23		
74/ 73				.4	.1	.4	2.2	1.6	.2	.2								42	42		
72/ 71				.1	.5	1.4	1.2	1.4	.2									39	39		
70/ 69			.1	.2	1.2	2.3	2.2	1.1	.4									62	62		
68/ 67			.1	.2	.6	1.1	1.2	.7	.5	.1								38	38	3	
66/ 65			.2	.9	1.0	1.5	1.1		.7	.1								45	45	10	
64/ 63		.1	1.0	3.0	2.0	4.4	1.5	.5										101	101	49	5
62/ 61			3.0	2.0	1.7	2.5	.2	.2										78	78	84	5
60/ 59		.5	2.6	1.9	2.5	.7	1.5											78	78	89	12
58/ 57		1.7	1.6	3.2	1.4	.4	.5											71	71	103	40
56/ 55	.4	.2	.9	2.1	1.4													40	40	105	70
54/ 53			1.0	1.4	1.1	.2												30	30	85	63
52/ 51		1.2	1.6	1.0	.7	.2												39	39	92	95
50/ 49		.5	1.6	.6	1.0	.2												32	32	71	60
48/ 47	.6	.4	.4	.4														14	14	55	112
46/ 45	.1	.1	.4	.6														10	10	30	140
44/ 43		.1		.1														2	2	17	56
42/ 41																				14	57
40/ 39																				3	20
38/ 37																					33
36/ 35																					22
34/ 33																					8
32/ 31																					7
30/ 29																					3
28/ 25																					2
TOTAL	1.1	4.9	14.4	18.0	15.2	15.4	12.5	7.5	4.7	3.0	1.0	.9	1.1	.2				810	810	810	810

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.	3070769	48097	59.4	16.295	810							
Dry Bulb	3312194	51312	63.3	8.724	810			30.0	14.6	4.1		90
Wet Bulb	2453163	44343	54.7	5.629	810			.3				90
Dew Point	1884740	38734	47.8	6.337	810		1.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 83											.4	.4	.2					8	8		
/ 81										.1	.4	.4						7	7		
/ 79								.1	.2	.1	.4							7	7		
7 / 77								.5	.4	.6	.1							13	13		
6/ 75							.2	.5	1.2									16	16		
4/ 73				.1		.2	1.5	.7	.1	.1								23	23		
/ 71					.2	.9	1.6	1.0	.2	.1								33	33		
/ 69				.1	.9	3.0	1.0	1.0										50	50		
6 / 67			.1	.4	1.0	1.0	.7	.6	.2	.1								34	34	1	
6/ 65			.1	.5	1.9	2.1	1.0	.1	.5	.1								51	51	2	
4/ 63		.2	.7	2.5	2.8	3.3	1.1	.6	.5									96	96	27	1
/ 61		.2	2.1	2.2	1.5	1.9	.2											66	66	57	5
/ 59		.9	2.4	2.5	3.1	.6	1.0											84	84	98	14
/ 57	.1	1.7	1.9	3.0	1.4	.5	.5											73	73	83	28
5 / 55	.2	1.0	2.7	2.8	1.1	.5												68	68	107	60
4/ 53	.5	.5	1.5	2.2	1.0	.2												48	48	87	77
2/ 51	.1	1.1	2.4	1.4	.7	.2	.1											49	49	102	97
5 / 49		.6	1.7	.4	.5	.1												27	27	76	47
/ 47	.6	.6	1.9	.6	.6	.1												36	36	74	103
4 / 45	.2	.2	.7	.5	.1													15	15	47	150
4/ 43		.1	.4															4	4	26	63
2/ 41																				14	63
/ 39																				7	25
3 / 37																					22
/ 35																					20
3 / 33																					16
2/ 31																					7
/ 29																					7
/ 25																					3
TOTAL	1.9	7.3	18.6	19.2	16.8	15.0	9.0	5.2	3.5	1.4	1.2	.7	.2						808		808
																		808		808	

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.	3424148	50930	63.0	16.281	808							
Dry Bulb	3063016	49298	61.0	8.273	808			21.3	8.2	2.2		90
Wet Bulb	2342030	43266	53.5	5.595	808			.1				90
Dew Point	1844186	38254	47.3	6.403	808		1.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
JUN — MONTH

PAGE 1 — 2100-2300 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 79											.1							1	1		
78/ 77							.1			.2	.5							7	7		
76/ 75							.1		.4	.2								6	6		
74/ 73							.5	.1	.5									9	9		
72/ 71					.1	.2		.7	.2									11	11		
[illegible] / 69					.2	.5	.4	.4										12	12		
68/ 67			.1	.1	.5	.7	.9	.1										20	20		
66/ 65			.2	.2	.4	1.0	.6	.2										22	22	2	
64/ 63		.2	.9	3.2	2.1	.6	.4	.6	.1									66	66	2	1
62/ 61		.1	2.8	2.3	1.5	1.6	.1	.2										71	71	18	2
[illegible] / 59	.2	1.4	3.1	3.0	3.0	.7	.9	.5										103	103	41	10
[illegible] / 57		2.2	3.5	3.2	1.1	.1	.4											85	85	96	24
56/ 55	.4	1.6	2.8	4.8	.6	.7												89	89	96	38
54/ 53	.5	.7	3.3	2.6	1.4													69	69	85	63
52/ 51	.6	1.2	4.0	1.4	.9													65	65	106	94
50/ 49		1.5	3.5	.5	.4	.1												48	48	101	55
[illegible] / 47	.2	1.5	3.6	1.2	.5													57	57	88	82
44/ 45	.4	.9	2.5	1.1	.1													40	40	78	165
42/ 43		.9	.9	.6	.1													20	20	37	81
40/ 41	.2	.5	.1	.1	.1													9	9	38	67
38/ 39																				18	25
36/ 37																				2	37
34/ 35																				1	31
32/ 33																				1	17
30/ 31																					9
28/ 29																					5
26/ 27																					1
24/ 25																					2
22/ 23																					1
TOTAL	2.6	12.7	31.2	24.4	13.0	6.4	4.3	3.0	1.2	.5	.6							810	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.	4158975	56795	70.1	14.777	810							
Dry Bulb	2637119	45853	56.6	7.157	810			7.3	2.6	.1		90
Wet Bulb	2141572	41410	51.1	5.509	810							90
Dew Point	1770879	37519	46.3	6.388	810		2.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 87														.0				1	1		
86/ 85												.0	.2	.0				16	16		
84/ 83											.1	.2	.0					22	22		
82/ 81									.0	.2	.2	.1	.0					36	36		
80/ 79								.1	.2	.1	.1							34	34		
78/ 77						.0	.1	.2	.3	.5	.1							79	79		
76/ 75						.1	.2	.4	.4	.0	.0							80	80		
74/ 73				.1	.0	.3	.7	.6	.2	.1								127	127		
72/ 71				.0	.2	.4	.8	.6	.2	.0								150	150		
70/ 69			.0	.1	.7	1.3	.9	.5	.1									229	229		
68/ 67			.1	.2	.7	.7	.6	.3	.1	.0								184	184	8	
66/ 65		.0	.2	.5	1.3	1.3	.7	.2	.2	.0								288	288	34	
64/ 63		.2	.7	2.7	2.0	2.1	.5	.4	.1									563	563	142	9
62/ 61		.3	2.0	2.3	1.3	1.6	.2	.1										503	503	308	30
60/ 59	.1	1.1	3.1	2.6	2.6	.5	.8	.1										701	701	479	94
58/ 57	.2	2.1	2.6	2.9	1.3	.3	.3											624	624	640	218
56/ 55	.4	1.8	2.7	2.7	1.0	.4	.1											580	580	778	425
54/ 53	.3	1.4	3.2	2.3	.8	.3	.1											537	537	716	539
52/ 51	.3	1.6	3.1	1.3	.6	.2	.0											451	451	814	672
50/ 49	.1	1.7	2.5	.5	.4	.1												350	350	740	558
48/ 47	.3	1.9	2.4	.9	.3	.0												375	375	621	763
46/ 45	.2	2.0	1.7	1.0	.2													328	328	455	1201
44/ 43	.1	.7	.8	.3	.1													126	126	332	523
42/ 41	.1	.4	.5	.2	.0													73	73	216	538
40/ 39		.0	.2	.0														16	16	129	219
38/ 37			.0															3	3	38	217
36/ 35																				20	201
34/ 33																				6	130
32/ 31																					58
30/ 29																					53
28/ 27																					17
26/ 25																					9
24/ 23																					2

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — 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	TOTAL Dew Point
TOTAL	1.9	15.2	25.7	20.6	13.5	9.5	6.0	3.5	1.9	1.0	.5	.3	.3	.1					6476		6476
																		6476		6476	

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.	32005059	443483	68.5	15.890	6476							
Dry Bulb	22306654	376130	58.1	8.436	6476			106.5	43.0	10.2		720
Wet Bulb	17762877	336957	52.0	5.966	6476			.9				720
Dew Point	14525138	303880	46.9	6.408	6476		15.5					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PAGE 1 0000-0200 (HOURS L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75									.1	.5								5	5		
74/ 73									.1									1	1		
72/ 71					.1	.1	.6	.2	.2	.1								12	12		
70/ 69			.1		.2	.2	.8	.5	.1	.2								19	19		
68/ 67			.4	.5	1.7	.7	.2	.1	.2	.1								33	33	1	
66/ 65		.2	.8	.7	1.3	.5	.1	.1										32	32	1	1
64/ 63		.7	1.3	2.6	2.2	.4	.1	.1										62	62	8	2
62/ 61		1.1	2.0	2.8	1.7													63	63	24	8
60/ 59		2.5	4.3	3.5	2.2	.2												106	106	71	17
58/ 57	.1	4.6	3.4	2.9	1.4	.4												106	106	93	37
56/ 55	.7	4.2	3.5	3.7	1.3													112	112	126	71
54/ 53	.2	3.6	3.6	3.0	.6													92	92	117	114
52/ 51	.2	3.6	3.1	1.6	.4													74	74	108	83
50/ 49	.1	4.6	3.1	.8	.1													73	73	125	120
48/ 47	.1	2.6	1.7															37	37	94	103
46/ 45		.4	.6															8	8	51	136
44/ 43																				12	59
42/ 41																				4	42
40/ 39																					25
38/ 37																					13
36/ 35																					1
34/ 33																					3
TOTAL	1.6	28.0	27.9	22.0	13.2	2.5	1.9	1.1	.8	1.0								835	835	835	835

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.	4941268	63202	75.7	13.740	835							
Dry Bulb	2771216	47848	57.3	5.936	835			7.8	.7			93
Wet Bulb	2352602	44156	52.9	4.590	835			.1				93
Dew Point	2046970	41106	49.2	5.294	835							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
JUL — MONTH

PAGE 1 — 0300-0500 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
4/ 73									.1									1	1		
2/ 71								.4	.1									4	4		
/ 69				.2	.2			.1										5	5		
8 / 67				.1	.1	.7	.1	.2		.2								13	13		
6/ 65			.2		.4	.1	.1	.5	.1									12	12		
4/ 63		1.0	1.6	2.7	1.2	.5	.2	.1										61	61	3	
2/ 61	.4	.7	1.7	2.6	.8	.1	.1											54	54	17	3
/ 59	.1	2.2	5.0	2.5	.7	.1	.1											90	90	31	17
/ 57	.4	6.3	3.3	2.5	.7													111	111	76	34
5 / 55	1.6	4.8	3.5	4.1	1.[illegible]													124	124	140	70
4/ 53	.2	4.7	4.1	2.7	.2													100	100	107	96
2/ 51	.2	4.4	3.6	1.9	.1													86	86	110	86
5 / 49	.6	3.9	3.1	.7														70	70	128	107
/ 47	.4	5.3	2.0	.5														68	68	118	99
0 / 45		2.6	1.1															31	31	70	159
4/ 43		.2	.6															7	7	26	83
2/ 41																				7	46
0 / 39																				4	14
3 / 37																					19
1 / 35																					2
3 / 33																					1
2/ 31																					1
TOTAL	3.8	36.1	29.7	20.7	5.5	1.6	.7	1.3	.4	.2									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.	5377833	66261	79.2	12.579	837							
Dry Bulb	2593287	46369	55.4	5.412	837			2.6	.1			93
Wet Bulb	2260717	43337	51.8	4.493	837							93
Dew Point	2008323	40775	48.7	5.123	837		.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77										.1								1	1			
76/ 75								.1		.1								2	2			
74/ 73							.1	.1	.1									3	3			
72/ 71					.1	.2	.4	.1	.1	.1								9	9			
70/ 69				.1		.4	.4	.2	.1									10	10			
68/ 67				.1	.7	.6		.2										14	14			
66/ 65			.2	.6	1.1	.2	.1	.1	.1									21	21			
64/ 63		.8	1.0	4.1	1.8	.4	.1	.2										70	70	3		
62/ 61	.5	1.0	2.4	3.6	1.0	.5												74	74	28	9	
60/ 59	.2	2.9	4.3	3.1	1.2		.1											99	99	50	17	
58/ 57	.4	4.7	4.2	2.4	.4													100	100	100	35	
56/ 55	1.0	6.9	3.7	3.6	.6													132	132	118	60	
54/ 53	.7	4.5	2.6	1.9	.2													84	84	144	104	
52/ 51	.7	4.4	3.9	1.3	.1													88	88	118	136	
50/ 49	.6	3.6	2.5	.7														62	62	116	106	
48/ 47		4.2	2.3															54	54	79	86	
46/ 45		.8	.7															13	13	59	152	
44/ 43			.1															1	1	18	52	
42/ 41																				4	31	
40/ 39																					18	
38/ 37																					10	
36/ 35																					1	
TOTAL	4.1	33.8	28.0	21.5	7.2	2.3	1.2	1.2	.5	.4									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.	5298445	65707	78.5	12.952	837							
Dry Bulb	2704050	47338	56.6	5.658	837			4.3	.7			93
Wet Bulb	2341784	44118	52.7	4.421	837							93
Dew Point	2077776	41502	49.6	4.883	837							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 HAHN AB DL — STATION / STATION NAME

73-81 — YEARS

JUL — MONTH

PAGE 1 — 0900-1100 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83											.1	.2	.1					4	4		
82/ 81										.1		.2						3	3		
/ 79								.1	.2	.2	.4							8	8		
78/ 77						.1	.2	.4	.8	.4	.1	.1						18	18		
76/ 75						.2	.5	.8	.5	.1	.1							19	19		
74/ 73				.2	.1	1.0	.7	.1										18	18		
72/ 71				.1	1.1	1.7	1.3	.1	.1	.1								38	38		
/ 69			.1	.7	1.7	1.3	1.1											41	41		
68/ 67			.2	.1	1.9	1.9	.2											37	37	5	
66/ 65			.5	.7	2.6	1.1	.2											43	43	13	
64/ 63		1.1	1.0	4.1	3.1	1.7	.1											92	92	38	4
62/ 61	.2	.5	1.8	3.5	2.0	.8												74	74	85	18
/ 59	.2	2.4	4.4	3.0	2.4	.6												109	109	83	32
56/ 57	.1	3.7	5.1	3.1	1.0	.1												110	110	119	56
54/ 55	.5	2.9	1.4	3.8	.7	.1												79	79	118	91
52/ 53	.4	1.8	1.7	1.8	.6													52	52	126	115
50/ 51	1.1	2.6	2.3	.7														56	56	97	156
48/ 49		1.3	1.3	.4														25	25	86	79
46/ 47		1.0	.4															11	11	42	67
44/ 45																				25	139
42/ 43																					39
40/ 41																					23
/ 39																					15
36/ 37																					3
TOTAL	2.5	17.2	20.2	22.2	17.2	10.6	4.4	1.6	1.7	1.0	.7	.6	.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.	4334435	58863	70.3	15.266	837							
Dry Bulb	3179766	51218	61.2	7.387	837			20.7	7.8	1.4		93
Wet Bulb	2577381	46271	55.3	4.821	837			.6				93
Dew Point	2175739	42467	50.7	5.022	837							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 87												.1	.4	.1				5	5		
6/ 85												.1	.5	.1				6	6		
4/ 83									.1		.5	.1	.4	.2				11	11		
/ 81								.1	.1	.8	.2	.1	.1					13	13		
/ 79								.8	.6	.2	.4	.1						18	18		
7 / 77							.8	1.0	.7	.7								27	27		
6/ 75					.1	.5	2.4	1.1	.1	.2								37	37		
4/ 73				.4	.4	.7	2.6	1.3										45	45		
/ 71				.2	.4	1.9	1.6	1.2										44	44		
/ 69			.2	.5	1.1	1.4	2.4	.4										50	50		
/ 67			.1	.6	2.4	2.2	1.1	.1										54	54	9	
6/ 65			.2	.5	1.7	1.4	1.0											40	40	30	
4/ 63		.5	1.1	5.3	2.5	3.6	1.0											114	114	70	8
/ 61	.1	.7	1.4	2.9	2.0	3.7	.5											95	95	100	7
/ 59		2.6	3.2	1.9	3.8	.6	.4											105	105	103	36
/ 57		1.0	2.3	2.4	1.0	.5												59	59	143	70
5 / 55		1.8	.8	2.6	.5													48	48	89	87
4/ 53		1.7	1.0	.5	.7													32	32	94	126
2/ 51	.2	1.1	1.2	.1														22	22	105	121
5 / 49		1.0	.4	.1														12	12	63	83
/ 47																				30	72
4 / 45																				1	134
4/ 43																					51
2/ 41																					14
4 / 39																					26
3 / 37																					2
TOTAL	.4	11.3	11.9	17.7	16.5	16.5	13.6	6.0	1.7	2.0	1.1	.6	1.3	.5				837	937	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.	3483561	52313	62.5	15.886	837							
Dry Bulb	3568370	54228	64.8	8.090	837			34.4	18.0	5.3		93
Wet Bulb	2713891	47491	56.7	4.801	837			1.0				93
Dew Point	2172548	42424	50.7	5.159	837							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 0160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89													.2	.2	.1			5	5		
88/ 87													.1	.6				6	6		
86/ 85													.1	.1	.1			3	3		
84/ 83									.1	.7	.2		.1	.2	.2			14	14		
82/ 81										1.3	.2	.2	.1					16	16		
80/ 79								1.0	1.3	.5	.2	.1						26	26		
78/ 77						.2	1.0	.7	1.4	.6								33	33		
76/ 75					.1	.5	1.9	2.2	.7	.2								47	47		
74/ 73				.4	.1	.7	1.0	1.7	.8	.1								40	40		
72/ 71					.2	1.4	2.4	1.2		.1								45	45		
70/ 69				.4	1.1	3.0	2.6	.4										62	62		
68/ 67				.2	1.2	1.7	1.7											40	40	11	
66/ 65			.5	.4	2.6	2.4	.8											56	56	31	
64/ 63		.4	.7	5.1	3.6	2.3	2.2	.5										123	123	68	6
62/ 61		.7	1.2	1.1	3.1	2.7	.6											79	79	95	6
60/ 59		1.1	3.0	1.4	3.5	.4	.5											82	82	125	31
58/ 57		1.6	1.6	2.3	.7	.1												52	52	132	49
56/ 55		2.2	1.7	2.4	.1	.5												57	57	95	90
54/ 53		1.2	.7	.2	.4													21	21	95	115
52/ 51	.1	.8	2.2															26	26	105	132
50/ 49		.4	.1															4	4	57	87
48/ 47																				19	90
46/ 45																				4	130
44/ 43																					47
42/ 41																					27
40/ 39																					16
38/ 37																					8
36/ 35																					1
34/ 33																					1
32/ 31																					1
TOTAL	.1	8.2	11.6	13.9	16.7	15.9	14.6	7.5	4.4	3.6	.7	.4	.7	1.2	.5			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.	3215850	50054	59.8	16.315	837							
Dry Bulb	3678256	55042	65.8	8.375	837			37.4	21.1	6.4		93
Wet Bulb	2730335	47641	56.9	4.726	837			1.2				93
Dew Point	2135771	42763	50.3	5.120	837		.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 c167 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
JUL — MONTH

PAGE 1 — 1800-2000 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 87													.2	.1				3	3		
6/ 85													.1					1	1		
4/ 83										.1		.1	.5	.1	.1			8	8		
2/ 81								.1	.1	.6	.1	.5	.1					13	13		
/ 79								.4	.6		.5	.1	.1					14	14		
7/ 77							.6	1.0	1.0	.5	.2	.2						29	29		
6/ 75						.6	1.4	.8	.6									29	29		
4/ 73					.4	1.2	1.3	1.0	.4	.2								37	37		
2/ 71				.1	.2	1.4	1.2	.4	.2									30	30		
/ 69			.1	.4	1.4	2.5	1.8	.4										55	55		
6/ 67				.4	1.6	1.6	.8	.1										37	37	4	
6/ 65		.1	.4	.7	2.4	2.6	1.1											61	61	20	
4/ 63		.2	1.2	4.2	3.5	2.2	1.3											105	105	56	3
2/ 61		1.2	2.6	2.2	2.4	2.5	.2											93	93	78	7
/ 59	.1	1.3	3.0	2.9	2.0	1.8	.4											96	96	107	26
/ 57		2.3	2.5	2.7	1.6	.1												77	77	135	64
5 / 55	.1	1.3	1.2	1.7	.6	.4												44	44	119	106
4/ 53	.1	2.5	1.3	1.6	.6													51	51	86	83
2/ 51	.1	2.2	2.3	.5														42	42	101	115
5 / 49		.5	.5															8	8	88	104
/ 47		.2	.2															4	4	35	93
4 / 45																				8	118
4/ 43																					56
2/ 41																					40
4 / 39																					14
3 / 37																					7
34/ 33																					1
TOTAL	.5	11.8	15.3	17.2	16.6	16.8	10.2	4.1	2.9	1.4	.8	1.0	1.1	.2	.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.	3637984	53472	63.9	16.292	837							
Dry Bulb	3439348	53238	63.6	7.970	837			28.4	14.9	4.2		93
Wet Bulb	2641703	46855	56.0	4.739	837			.4				93
Dew Point	2126744	41972	50.1	5.133	837							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
JUL — MONTH

PAGE 1 — 2100-2300 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8 / 79											.1							1	1		
7 / 77							.1		.1	.5	.4	.1						10	10		
76/ 75							.2	.1	.2	.4		.1						9	9		
74/ 73					.1	.1	1.0	.2	.2	.4	.1							18	18		
72/ 71				.1	.1	.5	1.3	.2			.1							20	20		
7 / 69			.2	.4	1.0	.5	1.0		.4									28	28		
68/ 67					1.3	1.0	.4	.2										24	24		
66/ 65		.2	.6	.8	2.2	1.9	.1											49	49	5	
64/ 63		.6	2.0	3.3	1.9	2.6	.6											93	93	12	3
62/ 61		1.0	2.5	3.0	2.2	.7												78	78	51	8
/ 59		3.1	4.4	3.2	3.8	.5												126	126	81	26
/ 57		2.9	3.0	3.7	1.2	.6												95	95	114	46
56/ 55	.6	3.0	3.2	4.3	.6	.4												101	101	126	83
4/ 53		2.7	1.3	1.1	.4													46	46	109	92
2/ 51	.4	3.3	3.0	2.2														74	74	124	98
5 / 49	.4	2.2	1.8	1.1														45	45	112	94
/ 47	.1	1.2	.5															15	15	62	112
/ 45		.5	.1															5	5	36	155
4/ 43																				5	44
2/ 41																					43
/ 39																					24
/ 37																					6
/ 35																					1
/ 33																					2
TOTAL	1.4	20.7	22.7	23.2	14.7	8.7	4.7	.8	1.0	1.2	.7	.2							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.	4473813	59881	71.5	15.067	837							
Dry Bulb	2989853	49723	59.4	6.562	837			12.2	4.2	.1		93
Wet Bulb	2452754	45144	53.9	4.535	837							93
Dew Point	2077018	41466	49.5	5.216	837							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
9 / 89													.0	.0	.0			5	5			
8/ 87												.0	.1	.1				14	14			
6/ 85												.0	.1	.0	.0			10	10			
4/ 83									.0	.1	.1	.1	.1	.1	.0			37	37			
/ 81								.0	.0	.4	.1	.1	.0					45	45			
/ 79								.3	.3	.1	.2	.0	.0					67	67			
7 / 77						.0	.3	.4	.5	.3	.1	.1						118	118			
6/ 75					.0	.2	.8	.6	.3	.2	.0	.0						148	148			
4/ 73				.1	.1	.5	.8	.6	.2	.1	.0							163	163			
/ 71				.1	.3	.9	1.1	.5	.1	.1	.0							202	202			
/ 69			.1	.3	.8	1.2	1.3	.2	.1	.0								270	270			
/ 67			.1	.3	1.4	1.3	.6	.1	.0	.0								252	252	30		
6/ 65		.1	.4	.6	1.8	1.3	.4	.1	.0									314	314	100	1	
4/ 63		.7	1.2	3.9	2.5	1.7	.7	.1										720	720	258	26	
/ 61	.1	.9	2.0	2.7	1.9	1.4	.2											610	610	478	66	
/ 59	.1	2.3	4.0	2.7	2.4	.5	.2											813	813	651	202	
/ 57	.1	3.4	3.2	2.7	1.0	.2												710	710	912	391	
5 / 55	.6	3.4	2.4	3.3	.7	.2												697	697	931	678	
4/ 53	.2	2.8	2.0	1.6	.5													478	478	878	845	
2/ 51	.4	2.8	2.7	1.0	.1													468	468	868	927	
5 / 49	.2	2.2	1.6	.5	.0													299	299	775	780	
/ 47	.1	1.8	.9	.1														189	189	479	722	
/ 45		.5	.3															57	57	254	1123	
4/ 43		.0	.1															8	8	61	431	
2/ 41																				15	266	
/ 39																				4	152	
/ 37																					68	
/ 35																					6	
/ 33																					8	
2/ 31																					2	
TOTAL	1.8	20.8	20.9	19.8	13.4	9.4	6.4	2.9	1.7	1.3	.5	.3	.4	.2	.1			6694	6694	6694	6694	

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.	34760189	469753	70.2	16.377	6694							
Dry Bulb	24923846	405004	60.5	7.922	6694			147.9	67.5	17.6		744
Wet Bulb	20070467	365013	54.5	4.994	6694			3.3				744
Dew Point	16820889	333775	49.9	5.161	6694		.2					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 [illegible]160	HAHN AB DL	73-81	AUG

PAGE 1 0000-0200 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 79								.1										1	1		
78 / 77							.1		.1									2	2		
[illegible]4 / 73					.1													1	1		
[illegible] / 71			.1			.1	.1	.1										4	4		
[illegible] / 69			.4	.1	.5	.8	.4	.1										19	19	1	
[illegible] / 67			.8	.7	1.1	1.1	.1											32	32		1
6 / 65		.2	1.1	1.1	1.7	.8	.2											43	43	9	
[illegible]4 / 63		1.9	2.0	2.7	2.0	1.8	.2	.2										92	92	12	5
[illegible] / 61	.2	2.4	3.2	1.6	2.7	1.7												99	99	41	16
[illegible] / 59		3.1	3.8	3.0	2.3	.7	.2											110	110	75	35
[illegible] / 57		2.4	4.2	2.3	1.2	.4												87	87	108	45
5[illegible] / 55	.2	4.2	3.5	3.3	1.1	.6												108	108	89	65
4 / 53	.4	2.2	6.6	2.4	.7													102	102	141	106
2 / 51	.2	2.0	3.7	.7	.2													58	58	119	88
5 / 49	.4	1.2	2.6	.4	.1													39	39	113	115
[illegible] / 47	.4	.7	1.1	.4														21	21	67	112
4[illegible] / 45		.7	1.6															19	19	29	119
[illegible] / 43																				26	42
[illegible] / 41																				7	37
4 / 39																					28
3[illegible] / 37																					14
[illegible] / 35																					6
34 / 33																					3
TOTAL	1.8	21.0	34.6	18.6	13.7	8.0	1.4	.6	.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.	4792452	62476	74.6	12.425	837							
Dry Bulb	2848709	48597	58.1	5.696	837			6.6	.4			93
Wet Bulb	2411699	44743	53.5	4.879	837			.1				93
Dew Point	2095042	41604	49.7	5.690	837			.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 HAHN AB DL — STATION / STATION NAME
73-81 — YEARS
AUG — MONTH

PAGE 1 0300-0500 — HOURS 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
7-/ 77							.1											1	1		
7-/ 71						.1	.1											2	2		
7 / 69				.4		.1												4	4		
6-/ 67				.4	.5	.4												10	10		
6/ 65		.2	.7	.6	.6	.1												19	19	3	
64/ 63		.5	2.2	2.3	.5	.6												50	50	10	2
62/ 61	.1	3.8	3.3	1.8	1.1	.4												88	88	22	6
6 / 59		5.1	3.2	2.5	4.5	.6												134	134	64	33
7 / 57		2.5	3.7	1.8	1.7	.1												82	82	101	60
5-/ 55	.4	5.7	5.5	2.3	.6	.2												123	123	62	69
54/ 53	.6	3.8	3.8	2.0	.4	.2												91	91	126	90
2/ 51	.4	3.6	4.9	1.3	.6													90	90	142	83
5 / 49	.1	3.0	4.2	.2														63	63	120	79
4-/ 47	1.0	1.0	2.3	.2														37	37	79	114
4 / 45	.2	1.3	2.6	.1														36	36	56	141
4/ 43		.1	.6															6	6	27	52
2/ 41			.1															1	1	19	51
4 / 39																				5	32
3-/ 37																				1	14
3/ 35																					8
3/ 33																					3
TOTAL	2.7	30.7	37.2	15.9	10.4	2.9	.2											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.	5269836	65750	78.6	11.201	837							
Dry Bulb	2643437	46821	55.9	5.393	837			1.9	.1			93
Wet Bulb	2303364	43712	52.2	4.955	837							93
Dew Point	2049240	41140	49.2	5.697	837							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
AUG — MONTH

PAGE 1 — 0600-0800 HOURS L. S. T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75							.1											1	1		
74/ 73				.1														1	1		
72/ 71					.4	.2												5	5		
70/ 69				.1	.5	.4												8	8		
68/ 67			.1	.5	.4	.2		.1										11	11	1	
66/ 65		.1	.6	.2	.7	1.1	.1											24	24		
64/ 63		1.8	2.0	2.6	1.0	.7	.1	.1										70	70	15	2
62/ 61		3.5	3.0	2.4	1.6	1.0												95	95	31	13
60/ 59		4.9	3.3	3.6	3.0	.1	.2											127	127	60	40
58/ 57		3.2	4.8	2.7	.6	.1												96	96	104	59
56/ 55	.2	5.0	3.5	3.0	.7	.1												105	105	82	70
54/ 53	.1	4.7	3.6	1.6	.2													85	85	145	71
52/ 51	.7	3.6	5.3	2.4	.4													103	103	132	107
50/ 49	.1	1.8	3.5															45	45	102	101
48/ 47	.8	.6	2.0	.1														30	30	85	106
46/ 45	.2	1.7	1.4															28	28	42	127
44/ 43			.2															2	2	27	58
42/ 41		.1																1	1	8	46
40/ 39																				3	20
38/ 37																					11
36/ 35																					6
TOTAL	.3	30.9	33.3	19.4	9.3	3.9	.6	.2										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.	5203160	65286	78.0	11.515	837							
Dry Bulb	2716017	47461	56.7	5.447	837			2.9	.2			93
Wet Bulb	2356730	44233	52.8	4.825	837			.1				93
Dew Point	2090667	41577	49.7	5.510	837							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 5163 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
AUG — MONTH

PAGE 1 — 0900-1100 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
8/ 87										.1								1	1		
/ 79							.1	.1										2	2		
7 / 77						.5	.1	.5	.6	.2	.1							17	17		
6/ 75					.5	.5	.2	.7	.2		.1							19	19		
4/ 73				.5	.6	.8	1.0	.5										28	28		
/ 71				.4	1.3	.8	1.7	.2	.4	.1								41	41		
/ 69			.2	.7	1.6	1.1	1.3	.4										44	44	1	
6 / 67			.5	.1	1.3	1.4	.6	.4	.1									37	37	14	
6/ 65			1.1	1.1	3.0	2.3	.5	.5										70	70	22	
4/ 63		1.8	2.0	5.5	3.6	1.9	.6	.2										131	131	36	13
/ 61		1.7	2.3	2.4	2.6	1.2	.1											86	86	73	29
/ 59	.1	2.0	3.5	3.0	1.9	.5												92	92	115	48
/ 57		2.2	3.7	3.9	.8	.4												92	92	126	65
5/ 55		2.2	2.2	2.3	.6	.1												61	61	109	86
4/ 53	.4	1.7	3.7	.8	.6													60	60	115	88
2/ 51		1.1	2.2	1.3														38	38	101	120
5 / 49	.4	.4	.6	.5														15	15	77	88
4/ 47			.2															2	2	32	107
4/ 45			.1															1	1	15	106
4/ 43																				1	32
2/ 41																					27
4 / 39																					24
3/ 37																					4
TOTAL	.8	12.9	22.2	22.5	18.4	11.5	6.[illegible]	3.5	1.3	.5	.2							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.	4119394	57572	68.8	13.807	837							
Dry Bulb	3256119	51903	62.0	6.704	837			21.0	7.4	.3		93
Wet Bulb	2629973	46741	55.8	4.866	837			1.7				93
Dew Point	2208885	42753	51.1	5.481	837							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
AUG — MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 89										.1	.1							2	2		
[illegible]8/ 87									.1									1	1		
[illegible]4/ 83										.2	.1							3	3		
[illegible]2/ 81							.2	.1	.2		.4	.1						9	9		
[illegible] / 79						.1	.5	.8	1.7	.8	.4		.1					37	37		
7[illegible]/ 77						.6	.6	1.3	1.7	.5		.4						42	42		
[illegible]6/ 75					.5	1.1	1.2	.8	.4	.2								35	35		
74/ 73				.1	.4	2.2	2.2	1.6	.6	.2	.1							61	61		
[illegible]/ 71					1.0	1.2	1.4	1.9	1.0									54	54	2	
[illegible] / 69			.2	.6	1.8	2.5	2.3	2.0	.2									81	81	6	
6[illegible]/ 67			.4	.2	1.6	2.0	.8	.4	.1									46	46	20	
[illegible]6/ 65		.1	1.0	.4	3.5	1.9	.7	.1										64	64	34	
[illegible]4/ 63		.8	1.0	3.8	3.3	2.5	.6											101	101	80	12
[illegible]2/ 61		.6	2.5	2.4	2.2	2.4												84	84	95	28
[illegible] / 59		1.6	2.0	1.1	2.6	.5												65	65	107	57
[illegible] / 57		.8	2.0	2.3	.7	.1												50	50	141	60
5[illegible] / 55		2.0	1.3	3.0	.7	.6												64	64	114	92
[illegible]4/ 53		.4	1.0	.6	.7													22	22	84	106
[illegible]2/ 51	.7		.6	.5														15	15	81	107
5[illegible] / 49			.1															1	1	44	72
[illegible]/ 47																				23	97
4[illegible]/ 45																				6	106
44/ 43																					44
[illegible]2/ 41																					42
4[illegible] / 39																					4
3[illegible]/ 37																					6
[illegible] / 35																					4
3[illegible]/ 33																					1
TOTAL	.7	6.3	12.1	14.9	18.9	17.7	10.5	9.1	6.0	2.2	1.1	.5	.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	32[illegible]	50828	60.7	15.143	837							
Dry Bulb	36[illegible]	55198	65.9	7.685	837			41.2	21.1	5.0		93
Wet Bulb	2[illegible]	48767	57.4	4.951	837			3.1				93
Dew Point	22122[illegible]	42774	51.1	5.609	837							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 C16C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
/89											.2							2	2		
8/87										.1								1	1		
6/85											.1							1	1		
4/83									.1	.5	.5							9	9		
/81							.2	1.0	.2	.5	1.1	.5						29	29		
/79						.2	.4	.2	1.0	1.3	.7		.2					34	34		
7/77						.4	.5	1.2	1.3	1.0	.2	.2						40	40		
6/75					.1	.4	2.0	1.4	.7	.5	.2							45	45		
4/73				.1	.2	1.3	1.9	1.6	.8	.6								55	55		
/71				.1	1.0	.8	1.8	2.6	1.1	.2								64	64	1	
/69				1.9	1.2	2.2	3.5	1.0	.6	.1								87	87	10	
6/67			.6	.5	2.0	1.2	.8	.1		.2								46	46	14	
6/65			1.3	.1	3.3	1.2	.7											56	56	31	1
4/63			1.3	3.9	2.7	3.1	.8											100	100	99	10
/61		.6	2.6	1.8	2.4	2.6	.2											86	86	88	32
/59		.5	1.8	1.3	1.6	.4												48	48	131	43
/57		1.7	1.8	2.0	.7	.5												56	56	124	52
56/55	.2	.8	1.0	3.7	.6													53	53	118	96
4/53	.4	.1	.4	.7														13	13	90	112
2/51	.1	.1	.5	.6														11	11	62	97
5/49		.1																1	1	50	70
/47																				19	98
4/45																					116
4/43																					56
2/41																					28
4/39																					13
3/37																					10
3/35																					1
34/33																					1
2/31																					1
TOTAL	.7	3.9	11.2	16.8	16.1	14.2	12.9	9.1	5.9	5.0	3.1	.7	.2					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.	3064260	48876	58.4	15.856	837							
Dry Bulb	3804214	56038	67.0	7.918	837			45.9	24.0	7.2		93
Wet Bulb	2802772	48266	57.7	4.828	837			2.8				93
Dew Point	2186551	42517	50.8	5.664	837		.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
AUG — MONTH

PAGE 1 — 1800-2000 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87										.1								1	1		
82/ 81								.1	.2	.2	.4	.2						10	10		
8 / 79						.1		.4	.1	.1	.5							10	10		
78/ 77						.5	.4	.7	.5	1.2	.1							28	28		
76/ 75						.7	.7	1.1	1.0	.2	.2	.1						34	34		
74/ 73				.2	.4	.6	1.3	.7	.2									29	29		
72/ 71				.1	.5	1.2	1.8	.8	.7	.5								47	47		
7 / 69			.1	.1	1.6	1.2	2.6	1.4	.4	.2								64	64	2	
6 / 67			.1	.1	1.9	1.9	1.2	.8	.2	.1								54	54	10	
66/ 65		.4	1.0	.5	2.7	2.0	.8	.2	.1									65	65	21	
64/ 63		.8	2.5	5.3	4.4	2.5	.7	.5										140	140	36	9
62/ 61	.1	.4	2.3	2.2	2.5	1.7		.1										77	77	82	22
6 / 59		.8	2.4	1.9	3.3	.2												73	73	116	30
58/ 57		1.2	2.7	2.5	.8	.2												63	63	134	51
56/ 55	.4	1.6	2.9	2.4	.2	.2												64	64	131	95
54/ 53	.2	.7	2.0	1.0	1.0													41	41	103	80
52/ 51	.2	.4	.8	.8														19	19	104	112
5 / 49		.6	.8	.5														16	16	54	77
48/ 47			.2															2	2	26	135
46/ 45																				16	116
4 / 43																				2	47
42/ 41																					23
4 / 39																					20
38/ 37																					11
36/ 35																					8
34/ 33																					1
TOTAL	1.0	6.8	17.9	17.6	19.4	13.1	8.6	6.9	3.5	2.7	1.2	.4							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.	3532199	52807	63.1	15.489	837							
Dry Bulb	3460490	53472	63.9	7.289	837			30.8	12.4	2.2		93
Wet Bulb	2656214	46986	56.1	4.717	837			1.3				93
Dew Point	2134673	42013	50.2	5.560	837							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
AUG — MONTH

PAGE 1 — 2100-2300 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 79								.1										1	1		
6/ 75						.2	.1	.1	.2									6	6		
4/ 73						.1	.2	.7	.2									11	11		
2/ 71				.5	1.2	.2	.7	.6										27	27		
/ 69			.7	.4	.2	1.6	1.0	.7										38	38		
6/ 67			.1	.4	.7	1.2	.5	.2		.1								27	27		
6/ 65			.2	.1	1.3	1.7	.6	.1	.4									37	37	16	
4/ 63	.1	1.8	1.2	4.7	3.1	2.6	.8	.5										124	124	16	6
2/ 61	.4	.6	4.5	2.3	2.4	2.0	.2											104	104	34	25
/ 59		2.0	4.1	4.8	2.6	1.0	.5	.1										126	126	72	25
/ 57	.1	1.9	2.6	2.6	1.2	.6												76	76	129	31
5/ 55	.2	2.7	4.3	4.4	.6													103	103	119	72
4/ 53		1.3	3.8	1.4	.5													59	59	128	87
2/ 51	.2	1.3	1.2	1.4	.4													38	38	124	95
5/ 49	.4	1.1	1.7	.7	.1													33	33	104	101
4/ 47	.1	.4	1.9	.2														22	22	46	120
4/ 45		.1	.4	.1														5	5	33	129
4/ 43																				14	57
2/ 41																				2	42
4/ 39																					24
3/ 37																					14
2/ 35																					8
3/ 33																					1
TOTAL	1.6	13.3	26.8	24.0	14.3	11.2	4.7	3.2	.8	.1									837		837
																		837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4263189	58587	70.0	13.934	837
Dry Bulb	3020245	50021	59.8	6.077	837
Wet Bulb	2462864	45232	54.0	4.704	837
Dew Point	2070212	41360	49.4	5.622	837

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			12.2	2.0	.1		93
Wet Bulb							93
Dew Point							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 89										.0	.0							4	4		
8/ 87									.0	.0								4	4		
6/ 85											.0							1	1		
4/ 83									.0	.1	.1							12	12		
2/ 81							.1	.1	.1	.1	.2	.1						48	48		
/ 79						.1	.1	.2	.3	.3	.2		.0					85	85		
78/ 77						.2	.2	.5	.5	.4	.1	.1						130	130		
76/ 75					.1	.4	.6	.5	.3	.1	.1	.0						140	140		
74/ 73				.1	.2	.6	.8	.6	.2	.1	.0							186	186		
72/ 71			.0	.1	.7	.6	1.0	.8	.4	.1								244	244	3	
/ 69			.2	.5	.9	1.2	1.4	.7	.1	.0								345	345	20	
6/ 67			.3	.4	1.2	1.2	.5	.3	.1	.1								263	263	59	1
6/ 65		.1	.9	.5	2.1	1.4	.5	.1	.1									378	378	136	1
4/ 63	.0	1.2	1.8	3.9	2.6	2.0	.5	.2										808	808	304	59
2/ 61	.1	1.7	3.0	2.1	2.2	1.6	.1	.0										719	719	466	171
/ 59	.0	2.5	3.0	2.6	2.8	.5	.1	.0										775	775	740	311
56/ 57	.0	2.0	3.2	2.5	1.0	.3												602	602	967	423
54/ 55	.2	3.0	3.0	3.0	.6	.2												681	681	824	645
52/ 53	.3	1.9	3.1	1.3	.5	.0												473	473	932	740
2/ 51	.3	1.5	2.4	1.1	.2													372	372	865	809
5 / 49	.2	1.0	1.7	.3	.0													213	213	664	763
4/ 47	.3	.3	1.0	.1														114	114	377	889
46/ 45	.1	.5	.8	.0														89	89	197	960
4/ 43		.0	.1															8	8	97	388
2/ 41		.0	.0															2	2	36	295
4 / 39																				8	165
3 / 37																				1	84
2/ 35																					41
3/ 33																					10
2/ 31																					1
TOTAL	1.4	15.7	24.4	18.7	15.1	10.3	5.8	4.1	2.2	1.3	.7	.2	.0						6696		6696
																		6696		6696	

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.	33522796	462182	69.0	15.562	6696							
Dry Bulb	25438777	409511	61.2	7.672	6696			162.4	67.8	14.9		744
Wet Bulb	20404485	367977	55.0	5.220	6696			9.1				744
Dew Point	17047488	335738	50.1	5.648	6696		.1	.1				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 616C — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
SEP — MONTH

PAGE 1 — 0000-0200 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71						.1	.1											2	2		
70/ 69					.9													7	7		
68/ 67				.4	.1													4	4		
66/ 65			.2	.7	.2	.2												12	12		
64/ 63	.1	.6	.7	1.1	.4	.2												26	26	2	1
62/ 61		1.4	1.9	2.8	.1													50	50	23	4
60/ 59		2.2	3.0	1.4	.4													56	56	28	11
58/ 57	.7	1.1	2.6	2.1	.5													57	57	53	35
56/ 55	.5	4.4	4.3	2.3	1.6													107	107	73	40
54/ 53	1.2	3.1	7.9	3.3	.4													129	129	73	65
52/ 51	.4	3.8	3.8	1.9	.1													81	81	104	82
50/ 49	.1	4.2	6.0	.2														86	86	117	79
48/ 47	.2	3.7	3.5	.6														65	65	113	98
46/ 45	.7	5.7	1.9	.9	.1													75	75	91	121
44/ 43	.5	1.5	1.0	.4														27	27	64	89
42/ 41	.1	1.1	.9	.4														20	20	34	92
40/ 39		.6																5	5	19	39
38/ 37		.1																1	1	13	12
36/ 35																				3	19
34/ 33																					14
32/ 31																					4
30/ 29																					2
28/ 27																					3
TOTAL	4.7	33.6	37.7	18.5	4.8	.6	.1											810	810	810	810

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.	5287067	64911	80.1	10.268	810							
Dry Bulb	2316297	43041	53.1	6.010	810			1.4				90
Wet Bulb	2039539	40401	49.9	5.495	810							90
Dew Point	1818751	38069	47.0	6.044	810		1.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 6160	HAHN AB DL	73-81	SEP

PAGE 1 — HOURS L.S.T. 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7 / 69					.5													4	4		
66 / 67					.2	.1												3	3		
6 / 65			.1	.2														3	3		
64 / 63		.4	.4	.5		.1												11	11		
62 / 61	.1	.2	1.1	.5	.1													17	17	16	2
6 / 59	.4	3.2	2.3	2.1	.1													66	66	16	14
58 / 57	.5	2.2	4.0	.9	.1													62	62	39	28
56 / 55	.4	4.4	2.8	1.2	.2													74	74	46	29
4 / 53	1.1	4.3	4.2	2.0	.1													95	95	95	48
52 / 51	.9	5.7	4.2	1.2														97	97	89	77
5 / 49	.1	4.4	3.7	.2														69	69	108	77
48 / 47	1.4	4.9	4.0															83	83	92	104
46 / 45	1.4	11.0	2.2	.9	.2													127	127	104	122
4 / 43	.5	4.1	1.1	.6														51	51	103	96
2 / 41	.2	2.3	.5															25	25	44	109
4 / 39	.4	1.2	.4															16	16	27	36
3 / 37		.5																4	4	21	19
3 / 35		.4																3	3	7	16
34 / 33																				3	16
2 / 31																					14
/ 29																					1
/ 27																					2
TOTAL	7.3	49.4	31.0	10.4	1.7	.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.	5760604	67910	83.8	9.105	810							
Dry Bulb	2147332	41424	51.1	5.975	810			.8				90
Wet Bulb	1938133	39363	48.6	5.574	810							90
Dew Point	1768174	37528	46.3	6.028	810		1.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 F160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
SEP — MONTH

PAGE 1 — 0600-0800 HOURS (S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
72/ 71					.1	.1												2	2		
70/ 69				.1														1	1		
68/ 67							.1											1	1		
66/ 65			.1	.2	.1	.2												6	6		
64/ 63		.4	.5	1.0	.2													17	17	2	
62/ 61	.4	.2	.6	.9	.2													19	19	12	3
60/ 59	.4	2.0	3.7	1.4	.6													65	65	17	15
58/ 57	.1	2.2	3.7	1.7	.5	.1												68	68	32	16
56/ 55	.7	3.5	3.3	2.3	.5													84	84	60	37
54/ 53	1.1	3.1	4.0	1.4	.1													78	78	85	46
52/ 51	1.0	6.0	5.1	1.4	.1	.1												111	111	82	74
50/ 49	.4	2.7	3.5	.4														56	56	123	70
48/ 47	1.1	7.8	4.6	.2														110	110	106	102
46/ 45	.4	7.8	2.1	1.5	.2													97	97	105	137
44/ 43	.7	5.1	1.0	.2														57	57	93	96
42/ 41	.5	2.0	.6	.1														26	26	45	111
40/ 39	.1	.5	.4															8	8	28	38
38/ 37		.4																3	3	12	21
36/ 35		.1																1	1	7	13
34/ 33																				1	15
32/ 31																					12
30/ 29																					1
28/ 27																					3
TOTAL	6.8	43.7	33.1	12.8	2.8	.6	.1											810	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.	5612592	66933	82.6	10.079	810							
Dry Bulb	2175112	41704	51.5	5.875	810			.4				90
Wet Bulb	1946158	39460	48.7	5.427	810							90
Dew Point	1759042	37442	46.2	5.914	810		1.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
SEP — MONTH

PAGE 1 — 0900-1100 HOURS L. S. T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81									.1									1	1		
8 / 79								.1										1	1		
76/ 77							.2	.2										4	4		
76/ 75						.4	.4											6	6		
74/ 73						.2	.2											4	4		
72/ 71						.5	.1											5	5		
7 / 69				.5	.9	.1												12	12		
68/ 67			.1	.7	1.0	.4	.2											20	20	1	
66/ 65			.6	.6	1.2	.2	.2											24	24	9	
64/ 63		1.0	1.7	2.7	1.2	1.5	.2	.1										69	69	16	1
62/ 61		.6	2.2	2.5	1.7	1.9	.1											73	73	38	7
6 / 59	.1	1.6	5.1	3.0	2.2	.5	.2											103	103	40	32
58/ 57	.2	1.7	3.1	3.3	1.0	.4												79	79	63	45
56/ 55	.2	2.2	3.5	2.5	1.0	.1												77	77	91	56
54/ 53	.1	3.1	4.3	1.5	1.1	.1												83	83	101	61
52/ 51	.5	3.1	4.3	.7	.7	.1												77	77	114	71
5 / 49	.5	2.1	2.6	.9	.6													54	54	103	75
48/ 47	.4	2.6	2.2	.9														49	49	90	105
46/ 45	.1	3.2	2.6	.4														51	51	63	144
4 / 43	.1	1.2	.4	.1														15	15	44	78
42/ 41	.1	.1																2	2	30	57
4 / 39		.1																1	1	5	30
38/ 37																				2	19
36/ 35																					20
34/ 33																					6
32/ 31																					1
3 / 29																					2
TOTAL	2.5	22.7	32.7	20.2	12.7	6.4	2.1	.5	.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.	4662146	60620	74.8	12.449	810							
Dry Bulb	2610961	45653	56.4	6.843	810			5.9	1.8	.2		90
Wet Bulb	2203313	42101	51.9	5.607	810			.1				90
Dew Point	1905160	38980	48.1	6.019	810		.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83										.4								3	3		
82/ 81									.6									5	5		
80/ 79								.9										7	7		
78/ 77							.5	.5										8	8		
76/ 75						.4	.2	.5										9	9		
74/ 73				.4	.4	.6	1.2											21	21		
72/ 71					1.1	.7	.5											19	19		
70/ 69			.2	.5	1.7	1.2	1.0	.4										41	41		
68/ 67					1.0	1.0	.7	.5	.1									27	27	9	
66/ 65			.5	.6	2.3	2.3	.9		.1									55	55	27	
64/ 63		.9	1.9	4.9	2.5	3.5	1.6	.4										126	127	24	5
62/ 61		.6	.4	2.8	2.0	1.6	.6											65	65	54	12
60/ 59		1.5	2.5	2.7	3.1	1.4	.6											95	95	77	26
58/ 57	.1	.7	1.6	3.5	1.4	.5												63	63	75	63
56/ 55		.7	2.6	4.1	2.1	.6	.1											83	83	88	66
54/ 53		1.2	2.7	2.3	1.2	.5												65	65	96	65
52/ 51		1.5	2.6	.4	.5													40	40	111	72
50/ 49	.4	.4	.4	.5	.6													18	18	91	72
48/ 47	.1	1.7	.9	.9														29	29	80	82
46/ 45	.2	1.4	1.2	.2														25	25	32	141
44/ 43	.1	.4	.1															5	5	35	69
42/ 41																				9	56
40/ 39																				1	32
38/ 37																					18
36/ 35																					11
34/ 33																					18
32/ 29																					1
TOTAL	1.0	11.0	17.6	23.9	19.9	14.3	8.0	3.1	.9	.4								809	810	809	809

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.	3753622	53950	66.7	13.888	809							
Dry Bulb	2987775	48805	60.3	7.632	810			15.6	5.9	1.7		90
Wet Bulb	2367571	43513	53.8	5.799	809			1.0				90
Dew Point	1939036	39272	48.5	6.354	809		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
SEP — MONTH

PAGE 1 — 1500-1700 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 87											.1							1	1			
84/ 83										.7								6	6			
82/ 81									.4	.1								4	4			
80/ 79								.5	.1									5	5			
78/ 77							.5	.4										9	9			
76/ 75						.2	.5	.6	.1									12	12			
74/ 73					.4	.5	.7	.2										15	15			
72/ 71			.1	.1	.4	1.2	.7	.4										24	24			
70/ 69			.1	.1	1.5	.9	2.3	.2	.1									43	43			
68/ 67			.5	.1	1.6	1.1	.9	.9										41	41	12		
66/ 65			.4	.9	3.0	1.5	1.5	.7	.2									66	66	19	1	
64/ 63			1.0	4.4	4.6	2.6	1.0	.2										112	112	24	3	
62/ 61		.4	1.4	1.7	3.2	2.6	.1											76	76	45	9	
60/ 59		1.9	1.4	3.1	4.3	.9	1.0											101	101	83	17	
58/ 57		.1	2.7	2.7	2.7	.7												73	73	102	54	
56/ 55		.9	1.7	3.8	1.6	1.5												77	77	72	75	
54/ 53		1.4	1.4	2.1	.7	.4												48	48	117	56	
52/ 51		.5	1.2	.1	.4	.1												19	19	111	88	
50/ 49	.4	.6	1.7	.9	.6													34	34	82	74	
48/ 47		1.4	1.0	.4														22	22	62	80	
46/ 45	.1	1.0	.9	.1														17	17	48	119	
44/ 43	.5																	4	4	24	101	
42/ 41	.1																	1	1	9	65	
40/ 39																					14	
38/ 37																					28	
36/ 35																					16	
34/ 33																					8	
32/ 31																					2	
TOTAL	1.1	8.0	15.4	20.6	24.9	14.2	9.3	4.4	1.0	.9	.1								810		810	
																		810		810		

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.	3531202	52310	64.6	13.753	810							
Dry Bulb	3054075	49357	60.9	7.584	810			17.8	5.8	1.7		90
Wet Bulb	2383912	43708	54.0	5.604	810			1.3				90
Dew Point	1919939	39125	48.3	6.100	810		.2					90

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 81										.1								1	1		
[illegible] / 79									.1									1	1		
78/ 77							.1	.7										7	7		
76/ 75						.1	.4											4	4		
74/ 73						.4	.5	.2										9	9		
[illegible] / 71					.1	.4	.2											6	6		
[illegible] / 69				.2	1.4	.6	.4											21	21		
68/ 67				.2	.6	.5	.2	.1										14	14		
66/ 65		.1	.5	1.0	2.5	.1	.4	.1										38	38	5	
64/ 63		.6	1.1	4.7	1.5	1.1	1.0	.2										83	83	17	1
62/ 61		.6	1.4	4.1	1.7	1.7	.2											79	79	38	4
[illegible] / 59	.1	1.6	2.5	4.0	2.3	1.1	.2											96	96	48	17
58/ 57	.5	1.2	4.0	4.6	2.0	.4												102	102	87	43
56/ 55		2.7	3.6	2.7	1.2	.1												84	84	72	62
54/ 53	.1	.7	1.7	2.8	1.4	.2												57	57	119	65
52/ 51	.1	2.1	4.0	1.9	.6	.1												71	71	112	91
50/ 49	.1	.6	2.6	.5	1.1	.1												41	41	87	67
[illegible] / 47		2.7	1.2	1.1														41	41	93	84
46/ 45	.1	2.1	.6	1.4														34	34	52	118
44/ 43	.4	.9	.6															15	15	47	101
42/ 41	.5	.2																6	6	24	78
40/ 39																				9	22
38/ 37																					18
36/ 35																					18
34/ 33																					19
32/ 31																					1
[illegible] / 29																					1
TOTAL	2.0	16.3	23.7	29.1	16.4	7.0	3.7	1.5	.1	.1									810		810
																		810		810	

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.	4255125	57755	71.3	13.016	810							
Dry Bulb	2703979	46459	57.4	6.964	810			7.0	2.4	.2		90
Wet Bulb	2224671	42209	52.1	5.577	810							90
Dew Point	1873196	38642	47.7	6.063	810		.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
SEP — 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
76/ 75							.1												1	1		
74/ 73						.1	.4												4	4		
72/ 71						.6													5	5		
70/ 69				.1	.5	.1													6	6		
68/ 67				.1	.2	.2													5	5		
66/ 65			.1	.1	.7	.1													9	9		
64/ 63		.4	1.0	2.8	1.0	.2													44	44	3	
62/ 61		1.1	2.8	3.0	.6	.2													63	63	27	1
60/ 59	.1	1.7	3.6	1.5	1.4	1.0													75	75	24	14
58/ 57	.6	1.6	2.0	4.6	1.2	.7													87	87	80	36
56/ 55	.4	3.7	5.4	3.8	.5														112	112	62	42
54/ 53	.4	2.0	3.7	3.1	.5														78	78	70	81
52/ 51	.2	2.5	4.8	2.3	.4														83	83	122	65
50/ 49	.1	2.7	4.4	.5															63	63	113	46
48/ 47		3.5	4.2	.7	.6	.1													74	74	109	96
46/ 45	.9	2.6	2.0	1.1	.5														57	57	88	151
44/ 43	.5	1.5	1.5																28	28	48	99
42/ 41	.7	.6	.6																16	16	40	87
40/ 39																					17	37
38/ 37																					7	14
36/ 35																						10
34/ 33																						21
32/ 31																						4
30/ 29																						3
28/ 27																						3
TOTAL	4.0	23.8	36.2	23.8	8.1	3.6	.5													810		810
																			810		810	

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.	4891911	62267	76.9	11.407	810							
Dry Bulb	2417328	43962	54.3	6.223	810			2.3	.6			90
Wet Bulb	2077744	40786	50.4	5.452	810							90
Dew Point	1811785	37995	46.9	6.043	810		1.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB GL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
88/ 87											.0							1	1		
84/ 83										.1								9	9		
82/ 81									.1	.0								11	11		
80/ 79								.2	.0									14	14		
78/ 77							.2	.3										28	28		
76/ 75						.1	.2	.1	.0									32	32		
74/ 73				.0	.1	.2	.4	.1										53	53		
72/ 71			.0	.0	.2	.5	.2	.0										63	63		
70/ 69			.0	.2	.5	.4	.5	.1	.0									135	135		
68/ 67			.1	.2	.6	.4	.3	.2	.0									115	115	22	
66/ 65		.0	.3	.6	1.3	.6	.4	.1	.0									213	213	60	1
64/ 63	.0	.5	1.0	2.8	1.4	1.2	.5	.1										488	489	88	11
62/ 61	.1	.6	1.5	2.3	1.2	1.0	.1											442	442	253	42
60/ 59	.1	2.0	3.0	2.4	1.8	.6	.3											657	657	333	146
58/ 57	.4	1.4	2.9	2.9	1.2	.4												591	591	531	320
56/ 55	.3	2.8	3.4	2.9	1.1	.3	.0											698	698	564	407
54/ 53	.5	2.4	3.7	2.3	.7	.2												633	633	756	487
52/ 51	.4	3.1	3.8	1.2	.4	.1												579	579	845	620
50/ 49	.3	2.2	3.1	.5	.4	.0												421	421	824	560
48/ 47	.4	3.5	2.7	.6	.1	.0												473	473	745	751
46/ 45	.5	4.3	1.7	.8	.1													483	483	583	1053
44/ 43	.4	1.8	.7	.2														202	202	458	729
42/ 41	.3	.8	.3	.1														96	96	235	655
40/ 39	.1	.3	.1															30	30	106	248
38/ 37		.1																8	8	55	149
36/ 35		.1																4	4	17	123
34/ 33																				4	117
32/ 31																					38
30/ 29																					11
28/ 27																					11
TOTAL	3.7	26.1	28.4	19.9	11.4	5.9	3.0	1.2	.3	.2	.0								6480		6479
																		6479		6479	

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.	37754259	486653	75.1	13.614	6479							
Dry Bulb	20412859	360405	55.6	7.535	6480			51.2	16.4	3.8		720
Wet Bulb	17180941	331441	51.2	5.902	6479			2.4				720
Dew Point	14795013	307053	47.4	6.127	6479		6.7					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 6160	HAHN AB DL	73-81	OCT

PAGE 1 0000-0200 HOURS L.S.T.

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61				.2	.1													3	3		
/ 59		.2	.7	.4	.4													14	14		
58/ 57		.7	1.4	.6	.2													25	25	3	
56/ 55		2.0	1.1		.1													27	27	20	5
54/ 53	.2	2.6	1.9	.4	.1													44	44	38	19
52/ 51		3.0	3.7	.4														59	59	42	32
50/ 49	.1	4.8	2.2	.4														62	62	53	42
48/ 47	.6	4.4	3.3	.2														72	72	82	59
46/ 45	1.0	8.8	3.0															107	107	71	89
44/ 43	1.0	6.3	3.2	.1														89	89	110	71
42/ 41	.6	9.8	4.3	.4														126	126	83	96
40/ 39	2.3	6.0	1.4	.5														85	85	123	100
38/ 37	1.2	4.3	1.4	.2	.1													61	61	93	85
36/ 35	.5	3.6	.7	.2														42	42	49	105
34/ 33	1.3	.4	.4															17	17	52	53
32/ 31		.2																2	2	10	31
30/ 29		.2																2	2	7	17
28/ 27																				1	18
26/ 25																					11
24/ 23																					1
/ 19																					2
16/ 17																					1
TOTAL	8.7	57.5	28.8	3.9	1.1														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.	6085045	70945	84.8	9.259	837							
Dry Bulb	1721601	37593	44.9	6.297	837		.4					93
Wet Bulb	1564367	35837	42.8	5.957	837		2.0					93
Dew Point	1408853	33909	40.5	6.481	837		9.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59		.2	.6	.1	.2														10	10		
58/ 57		.4	.5	.5															11	11	2	
56/ 55		1.4	1.3	.2															25	25	8	5
54/ 53	.1	2.4	1.3	.1															33	33	21	5
52/ 51	.6	2.4	2.2																43	43	53	30
5 / 49	.2	5.0	1.2	.2															56	56	41	30
46/ 47	.1	5.3	2.5																66	66	74	48
46/ 45	1.4	11.2	1.7	.1															121	121	73	113
44/ 43	1.1	5.5	2.5																76	76	108	55
42/ 41	1.8	11.1	1.8	.2															125	125	79	118
4 / 39	2.2	8.7	.6	.1															97	97	113	98
36/ 37	3.2	4.8	1.2																77	77	110	90
34/ 35	1.1	2.9	1.3																44	44	61	97
34/ 33	[illegible]	1.4	.6	.4															37	37	52	56
32/ 31	.1	1.6																	14	14	28	24
/ 29	.1	.1																	2	2	14	26
26/ 27																						19
24/ 25																						18
24/ 23																						2
/ 19																						3
TOTAL	14.1	64.4	19.2	2.0	.2													837		837		837

WET BULB TEMPERATURE DEPRESSION (F)

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.	6428394	73014	87.2	8.413	837							
Dry Bulb	1620863	36457	43.6	6.275	837		1.8					93
Wet Bulb	1497582	35054	41.9	5.940	837		4.7					93
Dew Point	1370143	33441	40.0	6.383	837		10.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
16160	HAHN AB DL	73-81	OCT

PAGE 1 — HOURS L.S.T. 0600-0800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/59			.6	.1														6	6		
58/57		.2	.7															8	8		
56/55	.2	2.0	.5	.1														24	24	10	4
54/53	.1	2.0	1.3															29	29	30	5
52/51	.4	3.6	2.2	.2														53	53	32	30
50/49	.1	3.5	1.9															46	46	43	36
48/47	.4	5.9	2.6															74	74	71	32
46/45	1.2	10.6	2.7															122	122	80	103
44/43	1.6	7.3	1.9															90	90	110	74
42/41	.8	9.0	1.6															95	95	77	106
40/39	1.3	9.7	.6	.2														99	99	96	88
38/37	3.8	4.8	.7															78	78	122	110
36/35	.7	4.1	1.9															56	56	58	88
34/33	1.1	1.1	.8	.4														28	28	54	51
32/31	.2	2.2	.1	.1														22	22	34	28
30/29	.1	.5																5	5	15	30
28/27	.2																	2	2	5	28
26/25																					18
24/23																					1
20/19																					3
18/17																					2
TOTAL	12.3	66.3	20.2	1.2														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.	6380792	72766	86.9	8.093	837							
Dry Bulb	1603468	36254	43.3	6.297	837		3.2					93
Wet Bulb	1479170	34820	41.6	6.052	837		6.0					93
Dew Point	1351021	33177	39.6	6.558	837		12.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63				.7	.4													9	9		
62/ 61		.1	.5	.5														9	9		
60/ 59			2.2	.8	.2													27	27	1	
58/ 57		.6	1.3	.6	.2													23	23	14	1
56/ 55		2.6	1.7	.7	.1													43	43	29	5
54/ 53	.1	1.0	2.0	1.0	.1													35	35	40	31
52/ 51	.4	3.0	2.4	.5	.2													54	54	41	40
50/ 49	.2	3.0	3.9	.5														64	64	54	30
48/ 47	.2	5.6	3.2	.4														79	79	81	47
46/ 45	.8	9.1	4.1	.5	.1	.1												123	123	97	120
44/ 43	.7	6.1	3.9	.1	.1													92	92	100	70
42/ 41	1.2	10.2	2.4	.4														118	118	107	126
40/ 39	1.6	5.5	1.2	.2														71	71	104	83
38/ 37	.8	3.5	1.0	.2	.2													48	48	71	96
36/ 35	.6	1.8	.5	.1														25	25	47	74
34/ 33	.7	.5	.1	.1														12	12	33	51
32/ 31	.2	.2																4	4	12	18
30/ 29		.1																1	1	6	16
28/ 27																					16
26/ 25																					3
24/ 23																					2
22/ 21																					2
20/ 19																					1
18/ 17																					3
TOTAL	7.6	52.8	30.3	7.3	1.8	.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.	5917652	69870	83.5	10.091	837							
Dry Bulb	1812066	38540	46.0	6.695	837		.6					93
Wet Bulb	1626168	36536	43.7	6.122	837		2.0					93
Dew Point	1454278	34456	41.2	6.549	837		7.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
OCT — MONTH

PAGE 1 — 1200-1400 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71							.1											1	1		
7 / 69					.5	.4	.1											8	8		
67/ 67						.2												2	2		
6/ 65			.2	.2	.8	.4												14	14		
64/ 63			.1	2.3	.8	.2												29	29	1	
2/ 61			.6	1.3	.4	.6												24	24	9	1
7 / 59		.2	1.4	1.0	1.3		.1											34	34	6	1
6 / 57		.6	1.0	2.4	.6	.1												39	39	39	6
56/ 55		1.3	1.4	1.7	.1	.2												40	40	35	17
4/ 53		1.6	2.3	3.0	1.0		.1											66	66	31	27
2/ 51	.2	1.8	3.9	1.9	.5		.1											71	71	69	57
5 / 49		2.9	2.3	.7	.1	.1												51	51	68	29
4 / 47	.1	3.9	3.8	2.5	.5	.2												93	93	86	48
40/ 45	.2	6.6	7.5	2.0	.4	.1												141	141	99	137
4/ 43	.6	4.1	4.2	.1	1.0													83	83	106	74
2/ 41	.6	6.0	1.6	.6	.5													77	77	115	93
4 / 39	.2	3.2	1.4															41	41	80	109
36/ 37	.8	1.0	.1															16	16	48	86
3 / 35	.4	.2																5	5	34	76
34/ 33		.1																1	1	7	23
2/ 31		.1																1	1	2	17
3 / 29																					10
2 / 27																					13
2 / 25																					3
24/ 23																					7
2/ 21																					1
/ 19																					2
TOTAL	3.2	33.6	31.9	19.7	8.4	2.6	.6											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.	5104608	64518	77.1	12.537	837							
Dry Bulb	2082268	41302	49.3	7.272	837		.1	1.2				93
Wet Bulb	1783769	38284	45.7	6.184	837		.2					93
Dew Point	1523157	35259	42.1	6.729	837		5.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 c160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
OCT — MONTH

PAGE 1 — 1500-1700 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7c/ 71							.2		.1									3	3		
7 / 69						1.0	.1	.1										10	10		
6 / 67				.2		.5												6	6		
6/ 65				.1	.4	.1	.1											6	6		
4/ 63			.4	3.0	.8	.6												40	40		
2/ 61			.6	1.2	.5	.4												22	22	7	
/ 59			1.0	1.4	.8	.1												28	28	15	2
5 / 57		1.0	1.3	1.9	.2	.2												39	39	36	4
5 / 55		.8	1.6	2.7	.4	.1												47	47	35	17
4/ 53		2.0	2.5	3.0	1.0	.1	.1											73	73	38	38
2/ 51	.1	1.8	3.0	1.6	.5		.1											59	59	69	29
5 / 49		3.5	2.4	1.2	.5													63	63	74	49
4 / 47		1.8	4.3	2.6	.5	.6												82	82	78	57
4 / 45	.6	7.0	5.1	3.6	1.0	.1	.1											147	147	83	123
4/ 43	.7	4.4	3.3	.6	.7	.1												83	83	129	69
2/ 41	.2	6.6	1.7	.8														78	78	103	112
4 / 39	.4	2.7	.4	.1														30	30	84	103
3 / 37	.5	1.1	.2															15	15	51	80
/ 35		.2																2	2	25	53
3 / 33	.4	.1																4	4	9	38
2/ 31																				1	23
/ 29																					10
/ 27																					12
/ 25																					11
2 / 23																					4
/ 19																					1
/ 17																					2
TOTAL	2.9	33.1	27.7	24.1	7.2	3.9	.8	.1	.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.	4951146	63454	75.8	12.965	837							
Dry Bulb	2114529	41617	49.7	7.358	837			2.1				93
Wet Bulb	1795532	38418	45.9	6.202	837		.1					93
Dew Point	1516197	35161	42.0	6.842	837		7.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
OCT — MONTH

PAGE 1 — 1800-2000 HOURS L. S. T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
66/ 65					.1													1	1		
64/ 63				1.6	.4	.2												18	18		
62/ 61			1.2	.5	.2													16	16		
60/ 59		.4	1.9	1.2	.4	.1												33	33	3	
58/ 57		.5	1.4	.7	.5	.1												27	27	27	3
56/ 55		.7	1.0	.7	.4													23	23	28	6
54/ 53		1.7	3.1	1.4														52	52	31	31
52/ 51		3.7	3.9	1.0														72	72	46	37
50/ 49		1.7	3.1	1.1														49	49	66	34
48/ 47	.2	3.7	3.2	.6	.2													67	67	79	45
46/ 45	.4	9.1	4.9	1.1	.2	.1												132	132	79	110
44/ 43	.7	5.6	5.5	1.2	.5	.1												114	114	116	76
42/ 41	1.4	8.5	2.4	1.0	.6													116	116	107	117
40/ 39	.2	4.2	1.6	.6														55	55	93	100
38/ 37	1.0	2.2	1.0															34	34	71	92
36/ 35	.2	1.8	.2															19	19	49	61
34/ 33	.1	.7	.2															9	9	32	45
32/ 31																				9	18
30/ 29																				1	23
28/ 27																					20
26/ 25																					10
24/ 23																					4
22/ 21																					2
18/ 17																					3
TOTAL	4.3	44.3	34.6	12.5	3.5	.7													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.	5520885	67329	80.4	11.201	837							
Dry Bulb	1881739	39277	46.9	6.798	837							93
Wet Bulb	1656847	36881	44.1	6.162	837		1.1					93
Dew Point	1445866	34318	41.0	6.811	837		8.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
OCT — MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63				.7														6	6		
62/ 61			.1	.4														4	4		
/ 59		.2	1.7	.4	.2													21	21	2	
58/ 57	.4	.5	1.8	.6	.2	.1												30	30	10	5
56/ 55		1.3	1.7	.1														26	26	21	3
54/ 53		1.6	1.7	.6														32	32	34	14
52/ 51		3.3	3.9	.7														67	67	44	42
50/ 49		3.8	3.1															58	58	50	29
48/ 47	.7	2.8	3.8	.6														66	66	79	57
46/ 45	1.8	6.9	3.7	.4														107	107	77	94
44/ 43	.6	7.5	4.4	.5	.1													110	110	94	75
42/ 41	.6	10.4	4.9	1.4	.1													146	146	107	85
40/ 39	1.3	4.7	1.9	.4	.5													73	73	120	115
38/ 37	1.3	3.9	1.1															50	50	80	86
36/ 35	.4	2.0	.2															22	22	65	94
34/ 33	.7	.1	1.0															15	15	35	48
32/ 31		.1																1	1	11	31
30/ 29		.2																2	2	6	15
28/ 27																				1	21
26/ 25																					12
24/ 23																					6
22/ 21																					1
18/ 17																					3
TOTAL	7.4	49.5	35.0	6.7	1.2	.1												836	836		836

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.	5809460	69192	82.8	9.955	836							
Dry Bulb	1762246	38006	45.5	6.421	836		.3					93
Wet Bulb	1579927	35987	43.0	6.074	836		2.0					93
Dew Point	1401941	33767	40.4	6.751	836		9.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 6160	HAHN AB DL	73-81	OCT

PAGE 1

HOURS (L. S. T.): ALL

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71							.0		.0									4	4		
70/ 69					.1	.2	.0	.0										18	18		
68/ 67				.0		.1												8	8		
66/ 65			.0	.0	.2	.1	.0											21	21		
64/ 63			.1	1.0	.3	.1												102	102	1	
62/ 61		.0	.4	.5	.1	.1												78	78	16	1
60/ 59		.2	1.3	.7	.4	.0	.0											173	173	29	3
58/ 57	.0	.6	1.2	.9	.3	.1												202	202	131	19
56/ 55	.0	1.5	1.3	.8	.1	.0												255	255	186	62
54/ 53	.1	1.9	2.0	1.2	.3	.0	.0											364	364	263	170
52/ 51	.2	2.8	3.2	.8	.1		.0											478	478	396	297
50/ 49	.1	3.5	2.5	.5	.1	.0												449	449	449	279
48/ 47	.3	4.2	3.4	.9	.1	.1												599	599	630	393
46/ 45	.9	8.7	4.1	1.0	.2	.1	.0											1000	1000	659	889
44/ 43	.9	5.9	3.6	.3	.3	.0												737	737	873	564
42/ 41	.9	8.9	2.6	.6	.1													881	881	778	853
40/ 39	1.2	5.6	1.1	.3	.1													551	551	813	796
38/ 37	1.5	3.2	.8	.1	.0													379	379	646	725
36/ 35	.5	2.1	.6	.0														215	215	388	648
34/ 33	.8	.6	.4	.1														123	123	274	365
32/ 31	.1	.6	.0	.0														44	44	107	190
30/ 29	.0	.1																12	12	49	147
28/ 27	.0																	2	2	7	149
26/ 25																					86
24/ 23																					27
22/ 21																					6
20/ 19																					12
18/ 17																					14
TOTAL	7.6	50.2	28.5	9.7	2.9	.9	.2	.0	.0									6695	6695		6695
																		6695		6695	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	46197882	551088	82.3	11.175	6695
Dry Bulb	14598780	309046	46.2	7.053	6695
Wet Bulb	12982353	291817	43.6	6.266	6695
Dew Point	11471456	273488	40.8	6.690	6695

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		6.4	3.3				744
Wet Bulb		18.1					744
Dew Point		70.1					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
NOV — 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
56/ 55		.4			.1													4	4	1	
54/ 53		.2	.7	.5														12	12	2	3
52/ 51	.1	.9	.7	.2														16	16	7	2
5 / 49	.9	1.4	1.5	.1														31	31	25	14
48/ 47	.7	2.5	.7	.1														33	33	32	18
46/ 45	.5	3.7	.9	.2														43	43	34	36
44/ 43	.5	4.0	2.0	.1														53	53	46	38
42/ 41	.5	5.8	2.5															71	71	44	36
4 / 39	1.2	8.8	4.1															114	114	78	45
38/ 37	1.7	6.9	1.7															84	84	108	82
36/ 35	1.2	11.0	1.7															113	113	104	103
34/ 33	1.1	5.8	1.0															64	64	111	110
32/ 31	.6	4.2	1.4															50	50	64	71
3 / 29	.6	4.1	.5															42	42	41	59
26/ 27	1.6	3.6	.7															48	48	57	65
26/ 25	.5	.4	.6															12	12	26	36
24/ 23		1.0	.1															9	9	5	37
22/ 21	.4	.4																6	6	16	14
20/ 19	.2	.2																4	4	6	16
18/ 17																				2	8
16/ 15																					5
14/ 13																					5
1 / 11																					5
1 / 9																					1
TOTAL	12.5	65.1	20.9	1.4	.1														809		809
																		809		809	

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.	5922391	68835	85.1	9.001	809							
Dry Bulb	1200484	30662	37.9	6.890	809		19.0					90
Wet Bulb	1095976	29278	36.2	6.711	809		24.1					90
Dew Point	967769	27299	33.7	7.593	809		35.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
NOV — 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		.1	.2		.1													4	4		
54/ 53			.5	.1														5	5	1	1
52/ 51		.4	.6	.2														10	10	8	
50/ 49	.1	1.1	.9															17	17	6	6
48/ 47	1.2	1.9	1.2															35	35	36	16
46/ 45	.4	4.6	.9	.4														50	50	32	39
44/ 43	1.1	3.7	.7															45	45	53	36
42/ 41	1.0	7.2	2.0															82	82	52	64
40/ 39	1.1	8.1	1.2															85	85	56	45
38/ 37	3.1	7.2	1.5															95	95	104	68
36/ 35	1.4	9.0	1.1															93	93	85	87
34/ 33	3.0	5.2	.4															69	69	124	90
32/ 31	1.9	5.1	1.1															65	65	70	75
30/ 29	.2	4.1																35	35	48	64
28/ 27	2.3	6.8	.7															80	80	64	76
26/ 25	1.1	.7	.2															17	17	37	44
24/ 23	.4	1.0	.2															13	13	14	43
22/ 21	.1	.7																7	7	9	17
20/ 19	.4																	3	3	11	14
18/ 17																					9
16/ 15																					6
14/ 13																					1
12/ 11																					9
TOTAL	18.8	66.8	13.6	.7	.1														810		810
																		810		810	

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.	6198414	70492	87.0	8.873	810							
Dry Bulb	1141725	29893	36.9	6.901	810		24.4					90
Wet Bulb	1055244	28730	35.5	6.691	810		28.1					90
Dew Point	945858	26996	33.3	7.551	810		39.8					90

USAFETAC FORM AUG 64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17616O (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55			.4		.2													5	5		
54/ 53		.1	.7	.1														8	8	1	
52/ 51		.4																3	3	9	1
50/ 49		1.5	.6															17	17	9	5
48/ 47	.5	2.2	1.6	.2														37	37	25	14
46/ 45	.7	5.3	1.1	.5														62	62	42	40
44/ 43	1.1	3.1	1.4															45	45	54	37
42/ 41	1.4	5.9	1.7															73	73	46	65
40/ 39	1.6	8.3	1.6															93	93	65	49
38/ 37	2.5	4.9	.9															67	67	99	62
36/ 35	1.4	9.0	.6															89	89	80	74
34/ 33	3.2	5.7	.5															76	76	105	102
32/ 31	2.6	4.3	1.0															64	64	81	86
30/ 29	.6	5.9	.2															55	55	56	55
28/ 27	2.2	5.3	.2															63	63	58	75
26/ 25	1.4	1.5	.2															25	25	40	41
24/ 23	.1	1.0	.4															12	12	14	40
22/ 21	.1	1.2																11	11	8	20
20/ 19	.4	.2																5	5	16	16
18/ 17																				2	5
16/ 15																					9
14/ 13																					3
12/ 11																					11
TOTAL	19.8	65.9	13.2	.9	.2														810		810
																		810		810	

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.	6199066	70502	87.0	8.797	810							
Dry Bulb	1136079	29781	36.8	7.130	810		26.1					90
Wet Bulb	1048697	28607	35.3	6.887	810		30.6					90
Dew Point	940376	26892	33.2	7.668	810		40.1					90

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 16[illegible]	HAHN AB [illegible]L	73-[illegible]	NOV

PAGE 1 [illegible]-11[illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
/ 57					.													[illegible]	[illegible]		
5 / 55		.6	.1	.1	.1													8	8		
4 / 5[illegible]		.2	.5	.1														7	7	7	[illegible]
2 / 51		.9	.1	.5														12	12	5	5
[illegible] / [illegible]		1.7	1.2	.1														25	25	21	2
/ 47	.2	2.7	1.6	.1														38	38	28	21
/ 45	.9	5.6	4.[illegible]	.2														56	56	45	39
4 / 43	.7	3.5	1.5	.1														47	47	53	46
2 / 41	.6	7.4	2.2															83	83	56	52
[illegible] / [illegible]	1.4	6.[illegible]	3.3															87	87	68	76
[illegible] / [illegible]	1.6	5.2	1.[illegible]															63	[illegible]	78	66
/ 35	.6	1[illegible].7	1.6															1[illegible]5	1[illegible]5	[illegible]	7[illegible]
3 / 33	1.7	4.8	1.7	.4														7[illegible]	[illegible]	11[illegible]	92
[illegible] / 31	1.4	3.8	1.5															54	54	71	67
/ [illegible]	.2	4.2	.1															37	37	[illegible]4	56
/ 2[illegible]	1.7	4.[illegible]	1.1															[illegible]5	55	[illegible]	72
/ 25	.1	1.1	.6															15	15	[illegible]6	40
/ 27		1.1	.4															12	12	12	28
2 / 21		.5																4	4	11	22
/ 1[illegible]																				[illegible]	8
/ 1[illegible]																					8
1 / 1[illegible]																					3
/ 13																					1[illegible]
1 / 11																					[illegible]
[illegible]	11.2	54.1	22.6	1.7	.4														[illegible]		810
																		81[illegible]		[illegible]	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5[illegible]7488[illegible]	5[illegible]596	84.7	9.[illegible]14	[illegible]							
Dry Bulb	12221[illegible]1	[illegible]41	3[illegible].2	7.[illegible]56	81[illegible]		19.7					[illegible]
Wet Bulb	1111[illegible]19	[illegible]9485	36.4	6.[illegible]29	81[illegible]		25.4					[illegible]
Dew Point	778514	[illegible]7464	33.[illegible]	7.648	81[illegible]		37.7					[illegible]

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

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

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	HAHN AB DL	73-81	NOV

PAGE 1 — HOURS (L. S. T.) 12[illegible]-14[illegible]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
/ 59			.1	.1														2	2		
/ 57			.1															1	1		
5 / 55		.4	.2	.4	.2													1[illegible]	1[illegible]	1	
4 / 53		.7	.6	.6	.1													17	17	[illegible]	[illegible]
2 / 51		1.5	1.4	.1														24	24	7	5
5 / [illegible]		1.6	2.8	.7														42	42	26	6
/ 47	.1	1.9	3.5	.9	.1													52	52	42	22
/ 45	1.1	4.3	4.[illegible]	.2														78	78	72	59
4 / 43	.2	3.[illegible]	2.4	.6														50	50	53	44
/ 41	1.[illegible]	6.4	5.2	.1														103	103	74	55
/ 3[illegible]	.9	5.8	5.2	.5														100	100	72	73
/ 3[illegible]	2.4	6.2	2.6	.5														94	94	96	71
/ 35	.2	6.8	2.4	.4														79	79	1[illegible]3	69
3 / 33	.5	3.2	3.5	.1														59	59	84	87
/ 31	1.2	1.5	1.[illegible]															30	30	72	81
/ [illegible]	.2	2.6	1.1	.2														34	34	44	39
/ 27		2.[illegible]	1.5															2[illegible]	28	23	64
/ 25	.1		.5															5	5	16	35
/ 23																				9	33
2 / 21																				3	16
/ 1[illegible]																					7
/ 17																					5
1 / 1[illegible]																					4
/ 13																					8
1 / 11																					2
TOTAL	.[illegible]	47.9	38.[illegible]	5.6	.5														808		808
																		808		808	

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.	5397694	65490	81.1	10.537	808							
Dry Bulb	1348476	32560	40.3	6.710	808		10.[illegible]					90
Wet Bulb	1197851	30665	38.0	6.497	808		18.8					90
Dew Point	1023637	28103	34.8	7.565	808		32.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
NOV — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59			.1															1	1		
58/ 57		.2	.1															3	3		
56/ 55	.1		.1	.5	.1													7	7	4	1
54/ 53		.4	.6	.6														13	13	3	2
52/ 51	.2	1.0	1.1	.2														21	21	6	6
50/ 49		1.9	2.3	.1	.2													37	37	25	4
48/ 47	.1	3.2	3.3	1.2														64	64	40	14
46/ 45	.5	5.9	3.0	.6														81	81	64	54
44/ 43	.6	2.2	2.5	.9														50	50	63	56
42/ 41	.7	7.2	6.2	.6														119	119	69	64
4 / 39	1.1	4.6	5.4	.5														94	94	88	53
38/ 37	1.2	6.2	2.3	.7														85	85	85	80
36/ 35	.5	5.8	2.6	.1														73	73	105	78
34/ 33	.6	2.2	3.2	.6														54	54	88	95
32/ 31	1.1	2.0	2.1	.1														43	43	60	79
30/ 29	.4	2.7	.7	.2														33	33	52	51
28/ 27	.2	1.1	1.2															21	21	30	51
26/ 25	.1	.5	.5															9	9	10	40
24/ 23	.1	.1																2	2	14	35
22/ 21																				4	16
20/ 19																					12
18/ 17																					4
16/ 15																					7
14/ 13																					1
12/ 11																					7
TOTAL	7.8	47.2	37.5	7.2	.4														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.	5336928	65158	80.4	10.864	810							
Dry Bulb	1347357	32595	40.2	6.644	810		12.0					90
Wet Bulb	1191981	30627	37.8	6.477	810		18.9					90
Dew Point	1012551	27963	34.5	7.639	810		33.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 616C (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) NOV (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
58/ 57				.1														1	1		
56/ 55		.2																2	2		
54/ 53		.5	.4	.6														12	12	5	2
52/ 51	.1	.5	1.0															13	13	7	4
50/ 49		.9	1.7															21	21	10	5
48/ 47	.4	2.7	1.6	.2														40	40	40	10
46/ 45	.4	5.3	3.2	.4														75	75	33	49
44/ 43	.9	3.8	1.9	.6														58	58	66	31
42/ 41	1.2	7.7	5.3	.1														116	116	62	72
40/ 39	.9	6.2	4.6															94	94	91	52
38/ 37	2.7	5.8	2.0															85	85	102	83
36/ 35	.2	6.9	2.6															79	79	87	89
34/ 33	.6	4.2	2.1															56	56	101	83
32/ 31	.5	2.5	2.7	.4														49	49	61	68
30/ 29	1.1	4.7	1.0															55	55	53	71
28/ 27	.4	2.3	1.0															30	30	48	63
26/ 25	.2	.6	.9															14	14	18	46
24/ 23	.2	.6	.2															9	9	12	28
22/ 21	.1																	1	1	12	19
20/ 19																				2	12
18/ 17																					4
16/ 15																					7
14/ 13																					1
12/ 11																					9
10/ 9																					2
TOTAL	10.0	55.4	32.1	2.5															810		810
																		810		810	

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.	5648239	67181	82.9	9.710	810							
Dry Bulb	1247322	31334	38.7	6.596	810		17.6					90
Wet Bulb	1122882	29698	36.7	6.486	810		22.9					90
Dew Point	973723	27407	33.8	7.572	810		36.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
NOV — 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
56/ 55		.4	.2		.2													7	7		
54/ 53			.5	.4														7	7	3	3
52/ 51		.9	.6	.1														13	13	10	
5 / 49	.2	1.2	1.9															27	27	15	7
48/ 47		2.7	.6	.5														31	31	31	16
46/ 45	.6	3.5	2.1															50	50	34	44
44/ 43	.7	4.0	2.5	.6														63	63	52	35
42/ 41	.2	7.3	2.8	.1														85	85	47	46
40/ 39	.9	7.7	4.9															109	109	80	41
38/ 37	2.7	7.5	1.9	.1														99	99	101	88
36/ 35	.4	7.5	2.3															83	83	111	99
34/ 33	1.6	4.4	1.2	.1														60	60	105	90
32/ 31	.5	2.7	1.2															36	36	63	74
30/ 29		4.7	1.2	.4														51	51	38	52
28/ 27	2.6	3.6	.7															56	56	59	75
26/ 25	.4	.9	.4															13	13	32	42
24/ 23		1.0	1.0															16	16	9	40
22/ 21	.4																	3	3	11	15
20/ 19																				8	17
18/ 17																					8
16/ 15																					3
14/ 13																					6
12/ 11																					6
10/ 9																					2
TOTAL	11.2	60.0	26.2	2.3	.2														809		809
																		809		809	

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.	5779621	67955	84.0	9.406	809							
Dry Bulb	1202653	30701	37.9	6.819	809		19.5					90
Wet Bulb	1088635	29189	36.1	6.627	809		24.5					90
Dew Point	952714	27060	33.4	7.618	809		37.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6163 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59			.0	.0														3	3		
/ 57		.0	.0	.0	.0													7	7		
56/ 55	.0	.3	.2	.1	.2													47	47	6	1
4/ 53		.3	.6	.4	.0													81	81	31	16
2/ 51	.1	.8	.7	.2														112	112	59	23
5 / 49	.2	1.4	1.6	.1	.0													217	217	137	49
46/ 47	.4	2.5	1.8	.4	.0													330	330	274	131
4 / 45	.6	4.8	2.4	.3														525	525	356	360
44/ 43	.7	3.4	1.8	.4														411	411	450	323
2/ 41	.8	6.9	3.5	.1														732	732	460	454
4 / 39	1.1	6.9	3.8	.1														776	776	598	434
36/ 37	2.2	6.2	1.7	.2														672	672	773	600
/ 35	.7	8.4	1.9	.1														714	714	765	689
34/ 33	1.5	4.4	1.7	.2														508	508	828	749
2/ 31	1.2	3.3	1.5	.1														391	391	542	621
/ 29	.4	4.1	.6	.1														342	342	386	447
28/ 27	1.4	3.6	.9															381	381	387	541
6/ 25	.5	.7	.5															110	110	207	324
24/ 23	.1	.7	.3															73	73	89	284
2/ 21	.1	.4																32	32	74	139
/ 19	.1	.1																12	12	50	102
8/ 17																				4	51
16/ 15																					44
14/ 13																					35
12/ 11																					54
/ 9																					5
TOTAL	12.4	59.0	25.5	2.8	.2														6476		6476
																		6476		6476	

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.	46357233	544209	84.0	9.823	6476							
Dry Bulb	9846217	248467	38.4	6.955	6476		149.1					720
Wet Bulb	8912285	236279	36.5	6.710	6476		193.3					720
Dew Point	7794442	219184	33.8	7.621	6476		294.3					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
DEC — MONTH

PAGE 1 — 0000-0200 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
54/ 53		.1	.1															2	2		
52/ 51		.2	.4															5	5	1	
50/ 49		.5	.4	.2														9	9	5	1
48/ 47		1.1	.8	.6														21	21	10	6
46/ 45	.1	3.8	2.0															50	50	17	14
44/ 43	.2	1.9	1.3															29	29	49	18
42/ 41	.4	2.6	1.6	.4														41	41	32	28
40/ 39	1.4	3.3	1.4	.2														54	54	50	38
38/ 37	1.0	4.7	.7															53	53	48	49
36/ 35	1.1	8.5	2.3															99	99	64	58
34/ 33	.4	8.8	2.0															94	94	95	46
32/ 31	.6	9.0	2.0															97	97	119	78
30/ 29	.5	7.0	.7	.1	.1													71	71	94	89
28/ 27	1.8	4.4	.2	.1														55	55	69	112
26/ 25	.4	4.7	.2	.1														45	45	32	78
24/ 23	.2	3.7	.4															36	36	44	41
22/ 21	.2	2.7																25	25	39	22
20/ 19	1.1	1.8	.7															30	30	29	36
18/ 17	.1	.7																7	7	20	48
16/ 15	.4	.5																7	7	10	22
14/ 13		.6																5	5	6	17
12/ 11		.1																1	1	3	11
10/ 9	.1																	1	1	1	9
8/ 7																					7
6/ 5																					8
4/ 3																					1
TOTAL	9.9	70.8	17.3	1.8	.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.	5788922	69162	82.6	9.409	837							
Dry Bulb	983957	27941	33.4	7.828	837		42.2					93
Wet Bulb	887121	26505	31.7	7.553	837		51.8					93
Dew Point	743705	23889	28.5	8.604	837		64.3					93

USAFETAC FORM AR 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.4															3	3		
52/ 51		.4	.2															5	5	3	
5 / 49																				4	
48/ 47		.5	.7	.4														13	13	5	6
4 / 45		4.7	3.2	.2														68	68	17	9
44/ 43	.1	2.5	1.1															31	31	42	25
42/ 41	.4	3.3	1.3															42	42	51	32
4 / 39	1.1	4.2	1.4															56	56	40	45
3 / 37	1.8	3.3	1.1															52	52	59	47
3 / 35	1.1	5.3	1.1															62	62	52	56
34/ 33	1.9	8.9	1.4															102	102	81	43
32/ 31	.5	7.8	2.3	.2														90	90	120	61
/ 29	.1	7.7	.7	.1														72	72	90	86
2 / 27	2.2	4.7	.6															62	63	66	118
2 / 25	.8	5.0	.5															53	53	45	58
24/ 23	.7	3.9	.1															40	40	39	63
22/ 21	.7	2.3																25	25	42	27
/ 19	1.4	1.7	.6															31	31	32	37
18/ 17		1.2																10	10	17	40
16/ 15	.5	.2																6	6	17	28
14/ 13	.4	.4																6	6	6	18
1 / 11	.2	.4																5	5	6	9
/ 9	.2																	2	2	2	15
8/ 7																					3
6/ 5																					9
2/ 1																					1
TOTAL	14.	168.	216.	7 1.0															837		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.	5936387	70019	83.8	9.283	836							
Dry Bulb	961813	27553	32.9	8.096	837		44.8					93
Wet Bulb	871397	26195	31.3	7.785	836		53.6					93
Dew Point	739851	23775	28.4	8.735	836		63.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
DEC — 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
54/ 53			.2															2	2		
52/ 51			.5															4	4	2	
5 / 49		.2	.5		.1													7	7	1	
48/ 47		.4	1.1	.1														13	13	7	2
46/ 45		4.0	3.0	.4														61	61	25	11
44/ 43		2.9	1.3															35	35	32	29
42/ 41	.2	3.2	1.9															45	45	49	26
4 / 39	1.0	4.3	.7	.2														52	52	46	39
38/ 37	1.2	3.6	.6															45	45	59	50
36/ 35	1.0	7.1	1.2															77	77	48	68
34/ 33	1.2	8.8	1.6															96	96	77	44
32/ 31	.7	6.5	2.2															78	78	136	48
3 / 29	.5	7.4	.7															72	73	72	87
28/ 27	3.0	6.1	.6															81	83	80	130
26/ 25	1.0	2.8	.2															33	33	48	46
24/ 23	.5	4.7	.2															45	45	25	70
2/ 21	1.2	1.6	.4															26	26	47	33
/ 19	1.1	2.5																30	30	24	34
18/ 17	.1	1.3	.4															15	15	28	35
16/ 15	.4																	3	3	11	23
14/ 13	.1	.2																3	3	6	12
1 / 11	.6	.2																7	7	7	15
/ 9	.1	.1																2	2	2	20
/ 7	.1																	1	1	1	4
/ 5		.1																1	1	1	4
4/ 3																					2
/ 1																					2
TOTAL	13.0	68.0	17.3	.7	.1													834	837	834	834

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.	5899413	69735	83.6	9.069	834							
Dry Bulb	962097	27529	32.9	8.233	837		44.4					93
Wet Bulb	868514	26104	31.3	7.860	834		54.4					93
Dew Point	734898	23666	28.4	8.720	834		63.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]6160	HAHN AB DL	73-81	DEC

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55					.1													1	1		
54/ 53			.2		.1													3	3		
52/ 51		.1		.1	.4													5	5		
5 / 49			.5		.1													5	5	3	
48/ 47		1.0	1.4	.1	.1													22	22	4	1
46/ 45		3.0	2.8	.2														50	50	33	8
44/ 43		3.0	1.1	.1														35	35	27	28
42/ 41		4.8	1.2															50	50	49	25
4 / 39		4.6	.6	.2	.2													47	47	48	38
38/ 37	.6	4.4	1.6	.1														56	57	50	51
36/ 35	.5	6.5	1.1															67	67	55	66
34/ 33	.6	7.8	3.4															98	98	74	56
32/ 31	.8	7.5	1.8															85	85	124	36
3 / 29	.2	8.9	.7															82	83	92	73
26/ 27	2.3	6.6	1.3	.4														88	88	91	123
2 / 25	.5	1.9	.6															25	25	47	81
24/ 23	.6	3.8	.4															40	40	28	71
22/ 21	.5	2.6	.7															32	32	37	38
2 / 19	.7	1.7																20	20	29	26
16/ 17		1.4																12	12	27	25
16/ 15		.5																4	4	6	23
14/ 13		.2																2	2	5	22
1 / 11		.2																2	2	2	17
/ 9		.2																2	2	2	17
/ 7		.1																1	1	1	1
6/ 5		.1																1	1	1	5
4/ 3																					3
2/ 1																					1
TOTAL	7.3	71.0	19.3	1.3	1.1													835	837	835	835

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.	5670850	68358	81.9	9.462	835							
Dry Bulb	979790	27850	33.3	7.971	837		44.1					93
Wet Bulb	873663	26257	31.4	7.586	835		54.8					93
Dew Point	725205	23551	28.2	8.549	835		62.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
DEC — MONTH

PAGE 1
1200-1400 — HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59					.1	.1													2	2		
58/ 55			.1		.1														2	2		
54/ 53					.5	.1													5	5		
52/ 51			.4	.2	.1														6	6	2	
50/ 49		.4	.2	.1															6	6	3	
48/ 47		1.2	1.3	.1															22	22	8	1
46/ 45		3.8	2.5	.4															56	56	36	16
44/ 43		3.1	1.4																38	38	31	28
42/ 41		5.6	2.7	.2															72	72	56	27
40/ 39		3.7	1.8	.6															51	51	54	52
38/ 37	.2	4.1	2.4																56	56	50	48
36/ 35	.1	5.4	2.4																66	66	58	58
34/ 33	.2	8.0	3.5																98	98	77	58
32/ 31	.6	8.2	2.0	.1															92	92	138	37
30/ 29	.1	8.7	2.3	.1															94	94	101	70
28/ 27	1.8	3.6	2.3	.4															67	67	66	152
26/ 25	.4	2.2	.5	.2															27	27	47	80
24/ 23		3.7	.1																32	32	33	55
22/ 21	.4	2.2	.2																23	23	34	31
/ 19	.2	1.2																	12	12	21	21
18/ 17		.2																	2	2	14	30
16/ 15	.2	.2																	4	4	2	26
14/ 13		.4																	3	3	5	23
12/ 11		.1																	1	1	1	9
/ 9																						8
8/ 7																						3
6/ 5																						4
TOTAL	4.3	65.9	26.2	2.5	.8	.2														837		837
																		837			837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5493297	67299	80.4	9.911	837							
Dry Bulb	1048049	28923	34.6	7.624	837		39.7					93
Wet Bulb	926597	27189	32.5	7.205	837		51.3					93
Dew Point	759534	24256	29.0	8.228	837		61.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
DEC — MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59					.1													1	1		
5[illegible]/ 57					.1													1	1		
56/ 55					.1													1	1		
[illegible]4/ 53						.1												1	1		
[illegible]2/ 51			.5	.2	.4													9	9	1	
5[illegible] / 49			.5	.2														6	6	1	
48/ 47		.6	1.2	.1														16	16	6	
46/ 45	.2	4.3	1.8	.2														55	55	30	16
44/ 43	.2	2.9	1.2	.2														38	38	44	27
42/ 41	.2	5.7	2.5															71	71	42	35
4[illegible] / 39		3.6	1.7	.1														45	45	56	39
38/ 37	.8	3.2	2.3	.2														55	55	56	64
[illegible]6/ 35	.4	5.4	4.3															84	84	47	52
34/ 33	1.0	7.7	4.5															110	110	90	45
[illegible]2/ 31	.4	9.0	1.4	.4														93	93	148	35
[illegible] / 29	.1	7.1	1.6															73	73	93	76
28/ 27	1.1	4.3	1.7	.2														61	61	57	147
[illegible]6/ 25	.4	3.0	.7	.4														37	37	45	91
24/ 23		3.9	.6															38	38	40	42
[illegible]2/ 21		2.5																21	21	34	32
[illegible] / 19	.1	1.0																9	9	27	32
1[illegible]/ 17	.1	.2																3	3	10	27
16/ 15		1.0																8	8	3	20
14/ 13																				6	27
1[illegible] / 11																					14
[illegible] / 9																					9
[illegible] / 7																					3
[illegible] / 5																					1
4/ 3																					1
/ 1																					1
TOTAL	5.0	65.3	26.4	2.4	.7	.1												836	836	836	836

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.	5488691	67179	80.4	10.402	836							
Dry Bulb	1[illegible]211	28759	34.4	7.413	836		38.2					93
Wet Bulb	916466	27036	32.3	7.103	836		51.5					93
Dew Point	751901	24083	28.8	8.344	836		62.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
DEC — MONTH

PAGE 1 — 1800-2000 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51			.1		.6													6	6		
5 / 49		.1	.4		.1													5	5		
48/ 47		.2	1.0															10	10	2	
46/ 45	.1	3.6	2.6															53	53	20	11
44/ 43	.4	1.7	.8	.1														25	25	50	22
42/ 41	.7	6.0	1.6	.2														71	71	31	25
4 / 39	.4	4.7	1.6	.2														57	57	55	43
38/ 37	.5	4.5	.8	.2														51	51	56	60
36/ 35	.6	4.7	4.3															80	80	61	52
34/ 33	1.2	8.8	3.2															111	111	65	46
32/ 31	.2	8.1	2.5															91	91	163	43
/ 29		7.6	.8															71	71	94	68
28/ 27	2.2	5.3	.2															64	64	66	155
26/ 25	.1	3.3	.6	.1														35	35	37	88
24/ 23	.5	4.4	.5	.2														47	47	41	54
22/ 21	.4	1.8	.5															22	22	32	29
/ 19	1.0	1.6																21	21	28	43
18/ 17	.5	.4																7	7	24	19
16/ 15	.2	.4																5	5	4	27
14/ 13		.5																4	4	7	15
12/ 11																					20
1 / 9		.1																1	1	1	6
/ 7																					7
/ 5																					1
/ -1																					1
-2/ -3																					1
-4/ -5																					1
TOTAL	8.8	67.7	21.5	1.2	.7														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.	5645518	68268	81.6	9.622	837							
Dry Bulb	988112	28070	33.5	7.478	837		40.9					93
Wet Bulb	883342	26524	31.7	7.156	837		55.2					93
Dew Point	730292	23738	28.4	8.262	837	.3	64.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
DEC — MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51					.1													1	1		
5 / 49		.1	.4		.6													9	9		
48/ 47		.8	.2															9	9	8	
46/ 45		2.7	3.3															51	51	13	13
44/ 43	.1	2.3	1.0															28	28	39	10
42/ 41	.6	4.3	1.7	.6														60	60	45	29
4 / 39	.5	4.2	1.7															53	53	43	44
38/ 37	1.6	3.6	.6															48	48	57	61
36/ 35	.2	7.3	2.6															85	85	62	40
34/ 33	.5	9.7	3.1															111	111	75	57
32/ 31	.8	7.6	1.9															87	87	148	56
30/ 29		8.7	.7															79	79	97	63
28/ 27	2.5	5.4																66	66	77	153
26/ 25	.2	2.9	.1	.1														28	28	28	98
24/ 23	.4	4.9	.5	.2														50	50	31	40
22/ 21	.4	1.7	.4															20	20	39	26
20/ 19	.6	2.4	.4															28	28	25	36
18/ 17	.2	1.0																10	10	25	26
16/ 15	.5	.5																8	8	15	23
14/ 13		.4																3	3	7	19
12/ 11																					17
10/ 9		.4																3	3	3	12
8/ 7																					6
6/ 5																					7
4/ 3																					1
TOTAL	9.1	70.7	18.5	1.0	.7													837	837	837	837

WET BULB TEMPERATURE DEPRESSION (F)

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.	5754192	68982	82.4	9.084	837							
Dry Bulb	966057	27707	33.1	7.646	837		42.4					93
Wet Bulb	868142	26248	31.4	7.338	837		55.0					93
Dew Point	723985	23617	28.2	8.301	837		64.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
DEC — 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
6[illegible]/ 59					.0	.0												3	3		
5[illegible]/ 57					.0													1	1		
56/ 55			.0		.0													4	4		
54/ 53		.0	.1		.1	.0												16	16		
52/ 51		.1	.3	.1	.2													41	41	9	
5[illegible]/ 49		.2	.3	.1	.1													47	47	17	1
48/ 47		.7	1.0	.2	.0													126	126	50	16
46/ 45	.1	3.7	2.7	.2														444	444	191	98
44/ 43	.1	2.5	1.2	.1														259	259	314	187
42/ 41	.3	4.5	1.8	.2														452	452	355	227
4[illegible]/ 39	.5	4.1	1.4	.2	.0													415	415	392	338
3[illegible]/ 37	1.0	3.9	1.3	.1														416	417	435	430
36/ 35	.6	6.2	2.4															620	620	447	450
34/ 33	.9	8.6	2.8															820	820	634	395
32/ 31	.6	8.0	2.0	.1														713	713	1096	394
3[illegible]/ 29	.2	7.9	1.0	.0	.0													614	616	733	612
28/ 27	2.1	5.0	.9	.1														544	547	572	1090
26/ 25	.5	3.2	.4	.1														283	283	329	620
24/ 23	.4	4.1	.3	.1														328	328	281	436
22/ 21	.5	2.2	.3															194	194	304	238
2[illegible]/ 19	.8	1.7	.2															181	181	215	265
18/ 17	.1	.8	.0															66	66	165	250
16/ 15	.3	.4																45	45	68	192
14/ 13	.1	.3																26	26	48	153
12/ 11	.1	.1																16	16	19	112
[illegible]/ 9	.1	.1																11	11	11	96
8/ 7	.0	.0																2	2	2	34
6/ 5		.0																2	2	2	39
4/ 3																					8
2/ 1																					5
[illegible]/ -1																					1
-2/ -3																					1
-4/ -5																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1'6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 2 ALL (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	9.	168.	520.	4	1.	5	.5	.0										6689	6695	6689	6689

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.	45677270	549002	82.1	9.611	6689							
Dry Bulb	7925086	224332	33.5	7.810	6695		336.7					744
Wet Bulb	7095142	212058	31.7	7.462	6689		427.7					744
Dew Point	5909371	190575	28.5	8.469	6689	.3	505.8					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 — STATION
HAHN AB DL — STATION NAME
73-81 — YEARS
ALL — MONTH

PAGE 1

ALL — HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	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			27	27		
84/ 83									.0	.0	.0	.0	.0	.0	.0			80	80		
82/ 81							.0	.0	.0	.1	.0	.0	.0					142	142		
80/ 79						.0	.0	.1	.1	.0	.0	.0	.0					210	210		
78/ 77						.0	.1	.1	.1	.1	.0	.0						377	377		
76/ 75					.0	.1	.2	.1	.1	.0	.0	.0						428	428		
74/ 73				.0	.0	.1	.2	.2	.1	.0	.0							563	563		
72/ 71			.0	.0	.1	.2	.3	.2	.1	.0	.0							718	718	3	
70/ 69			.0	.1	.3	.4	.4	.2	.1	.0								1100	1101	20	
68/ 67			.0	.1	.3	.3	.2	.1	.0	.0								915	915	120	1
66/ 65		.0	.2	.2	.6	.4	.2	.1	.1	.0								1385	1385	342	3
64/ 63	.0	.2	.4	1.2	.8	.7	.3	.2	.1	.0								3060	3061	810	105
62/ 61	.0	.3	.8	.9	.6	.7	.2	.1	.0									2757	2757	1558	312
60/ 59	.0	.7	1.2	1.0	1.1	.4	.3	.0	.0									3750	3750	2311	761
58/ 57	.1	.8	1.1	1.2	.6	.3	.1	.0	.0									3323	3323	3357	1405
56/ 55	.1	1.1	1.2	1.4	.5	.3	.1	.0										3770	3770	3584	2273
54/ 53	.1	1.0	1.4	1.1	.5	.2	.1	.0										3449	3449	3972	2888
52/ 51	.2	1.2	1.7	.9	.4	.2	.1	.0										3683	3683	4647	3531
50/ 49	.1	1.2	1.6	.5	.4	.1	.0	.0										3071	3071	4855	3193
48/ 47	.2	1.7	1.8	.7	.3	.1	.0											3703	3703	4637	4113
46/ 45	.3	3.0	2.1	.9	.3	.1	.0											5335	5335	4466	7168
44/ 43	.2	1.8	1.7	.7	.2	.1	.0											3712	3712	4603	4364
42/ 41	.3	3.1	2.1	.6	.2	.0												5053	5053	4258	5269
40/ 39	.3	2.6	2.0	.4	.1	.0												4297	4297	4523	4086
38/ 37	.6	2.5	1.3	.3	.0	.0												3767	3768	4582	4355
36/ 35	.3	3.1	1.5	.3	.0	.0												4128	4128	4657	4927
34/ 33	.5	2.8	1.5	.2	.0													3902	3902	4811	4467
32/ 31	.3	2.5	1.0	.1	.0													3037	3037	4905	3649
30/ 29	.2	2.8	.5	.1	.0													2787	2789	3583	4214
28/ 27	.6	2.1	.5	.0														2623	2627	2964	5454
26/ 25	.2	1.1	.2	.0														1217	1217	1806	3253
24/ 23	.1	1.1	.1	.0														1009	1009	1164	2915

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6160 (STATION) HAHN AB DL (STATION NAME) 73-81 (YEARS) ALL (MONTH)

PAGE 2 ALL (HOURS L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21	.2	.4	.1															539	539	943	1597
20/ 19	.2	.3	.0															395	395	533	1369
18/ 17	.0	.2	.0															164	164	401	1056
16/ 15	.0	.1	.0															129	129	171	640
14/ 13	.0	.1																67	67	104	435
12/ 11	.0	.1																69	69	65	452
10/ 9	.0	.1																58	58	62	289
8/ 7	.0	.0																16	16	15	101
6/ 5		.0																6	6	14	121
4/ 3	.0	.0																3	3	5	42
2/ 1																				2	30
0/ -1	.0																	3	3	3	7
-2/ -3																					5
-4/ -5																					2
-6/ -7																					4
TOTAL	5.1	38.0	26.1	12.9	7.6	4.8	2.8	1.4	.7	.3	.2	.1	.1	.0	.0			78865		78856	
																		78856	78856		

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.	458857551	5899241	74.8	14.911	78856							
Dry Bulb	181846700	3646036	46.2	12.979	78865	.3	1345.7	510.0	206.3	46.7		8760
Wet Bulb	150505781	3335795	42.3	10.915	78856	.3	1857.9	15.8				8760
Dew Point	123659227	2998393	38.0	11.062	78856	2.0	2846.1	.1				8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible]160 HAHN AB DL — STATION / STATION NAME

73-81 — YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV	DEC	ANNUAL
[illegible]-[illegible]	MEAN	31.9	32.9	38.2	41.1	48.4	54.6	57.3	58.1	53.1	44.9	37.9	33.4	44.4
	S.D.	7.413	6.433	6.691	6.740	6.315	6.634	5.936	5.696	6.010	6.297	6.890	7.828	11.451
	TOTAL OBS	836	762	837	809	837	809	835	837	810	837	809	837	9855
[illegible]-05	MEAN	31.1	31.9	36.7	39.1	46.2	52.9	55.4	55.9	51.1	43.6	36.9	32.9	42.9
	S.D.	7.617	6.556	6.833	6.203	6.031	6.368	5.412	5.393	5.975	6.275	6.901	8.096	11.040
	TOTAL OBS	837	762	837	810	837	810	837	837	810	837	810	837	9861
6-08	MEAN	31.1	31.5	36.3	39.1	47.8	54.4	56.6	56.7	51.5	43.3	36.8	32.9	43.2
	S.D.	7.842	6.570	6.766	6.201	6.452	6.514	5.658	5.447	5.875	6.297	7.130	8.233	11.547
	TOTAL OBS	836	762	836	810	837	810	837	837	810	837	810	837	9859
[illegible]-11	MEAN	31.7	32.7	38.8	43.6	52.9	59.2	61.2	62.0	56.4	46.0	38.2	33.3	46.4
	S.D.	7.576	6.430	6.700	7.529	7.906	7.853	7.387	6.704	6.843	6.695	7.056	7.971	13.251
	TOTAL OBS	837	762	837	810	837	809	837	837	810	837	810	837	9860
12-14	MEAN	33.3	35.5	42.4	47.5	56.5	62.6	64.8	65.9	60.3	49.3	40.3	34.6	49.5
	S.D.	7.027	6.694	7.043	8.350	8.481	8.557	8.090	7.685	7.632	7.272	6.710	7.624	14.020
	TOTAL OBS	837	762	836	810	837	810	837	837	810	837	808	837	9858
[illegible]-17	MEAN	33.5	36.3	43.5	48.4	57.6	63.3	65.8	67.0	60.9	49.7	40.2	34.4	50.1
	S.D.	6.79[illegible]	6.731	7.148	8.599	8.577	8.724	8.375	7.918	7.584	7.358	6.644	7.413	14.279
	TOTAL OBS	835	762	837	809	837	810	837	837	810	837	810	836	9857
[illegible]-2[illegible]	MEAN	32.5	34.4	41.0	45.9	55.3	61.0	63.6	63.9	57.4	46.9	38.7	33.5	47.9
	S.D.	6.997	6.195	6.755	7.976	8.237	8.273	7.970	7.289	6.964	6.798	6.596	7.478	13.619
	TOTAL OBS	837	762	836	809	836	808	837	837	810	837	810	837	9856
1-23	MEAN	32.1	33.3	39.1	42.8	50.8	56.6	59.4	59.8	54.3	45.5	37.9	33.1	45.5
	S.D.	7.179	6.238	6.537	7.175	7.087	7.157	6.562	6.077	6.223	6.421	6.819	7.646	12.124
	TOTAL OBS	837	762	837	810	837	810	837	837	810	836	809	837	9859
ALL HOURS	MEAN	32.2	33.5	39.5	43.4	52.0	58.1	60.5	61.2	55.6	46.2	38.4	33.5	46.2
	S.D.	7.36[illegible]	6.673	7.225	8.125	8.454	8.436	7.922	7.672	7.535	7.053	6.955	7.810	12.979
	TOTAL OBS	6692	6096	6693	6477	6695	6476	6695	669[illegible]	6480	6695	6476	6695	78865

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1 6160 HAHN AB DL 73-81

STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-02	MEAN	30.3	30.8	35.3	37.2	44.0	50.1	52.9	53.5	49.9	42.8	36.2	31.7	41.3
	S.D.	7.170	6.023	6.491	5.902	5.459	5.580	4.590	4.879	5.495	5.957	6.711	7.553	10.331
	TOTAL OBS	836	762	837	809	837	809	835	837	810	837	809	837	9855
3-05	MEAN	29.8	30.1	34.3	35.9	42.7	49.0	51.8	52.2	48.6	41.9	35.5	31.3	40.3
	S.D.	7.336	6.224	6.655	5.671	5.518	5.610	4.493	4.955	5.574	5.940	6.691	7.785	10.192
	TOTAL OBS	837	762	837	810	837	810	837	837	810	837	810	836	9860
6-08	MEAN	29.7	29.8	34.0	36.0	43.8	50.3	52.7	52.8	48.7	41.6	35.3	31.3	40.6
	S.D.	7.504	6.225	6.600	5.688	5.624	5.438	4.421	4.825	5.427	6.052	6.887	7.860	10.536
	TOTAL OBS	835	762	836	810	837	810	837	837	810	837	810	834	9855
9-11	MEAN	30.1	30.6	35.9	39.0	46.9	53.0	55.3	55.8	51.9	43.7	36.4	31.4	42.6
	S.D.	7.242	5.950	6.407	6.062	6.124	5.756	4.821	4.866	5.607	6.122	6.829	7.586	11.279
	TOTAL OBS	837	762	837	810	837	809	837	837	810	837	810	835	9858
12-14	MEAN	31.4	32.6	38.1	41.1	48.7	54.5	56.7	57.4	53.8	45.7	38.0	32.5	44.3
	S.D.	6.726	5.894	6.394	6.235	6.175	5.747	4.801	4.951	5.799	6.184	6.497	7.205	11.250
	TOTAL OBS	837	762	836	810	836	810	837	837	809	837	808	837	9856
15-17	MEAN	31.5	33.1	38.7	41.4	49.0	54.7	56.9	57.7	54.0	45.9	37.8	32.3	44.5
	S.D.	6.494	5.820	6.432	6.156	5.975	5.629	4.726	4.828	5.604	6.202	6.477	7.103	11.218
	TOTAL OBS	835	762	837	809	837	810	837	837	810	837	810	836	9857
18-20	MEAN	30.8	31.8	37.1	39.9	47.8	53.5	56.0	56.1	52.1	44.1	36.7	31.7	43.2
	S.D.	6.801	5.629	6.385	5.999	5.943	5.595	4.739	4.717	5.577	6.162	6.486	7.156	11.083
	TOTAL OBS	837	762	836	809	836	808	837	837	810	837	810	837	9856
21-23	MEAN	30.4	31.0	35.9	38.2	45.3	51.1	53.9	54.0	50.4	43.0	36.1	31.4	41.8
	S.D.	6.943	5.783	6.451	5.963	5.709	5.509	4.535	4.704	5.452	6.074	6.627	7.338	10.551
	TOTAL OBS	837	762	837	810	837	810	837	837	810	836	809	837	9859
ALL HOURS	MEAN	30.5	31.2	36.2	38.6	46.0	52.0	54.5	55.0	51.2	43.6	36.5	31.7	42.3
	S.D.	7.061	6.043	6.661	6.285	6.242	5.966	4.994	5.220	5.902	6.266	6.710	7.462	10.915
	TOTAL OBS	6691	6096	6693	6477	6694	6476	6694	6696	6479	6695	6476	6689	78856

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION	STATION NAME	YEARS
1 016	HAHN AB DL	73-81

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV	DEC	ANNUAL
0-02	MEAN	27.3	27.0	31.0	31.7	39.2	46.0	49.2	49.7	47.0	40.5	33.7	28.5	37.6
	S.D.	8.144	6.930	8.001	7.087	6.455	6.497	5.294	5.690	6.044	6.481	7.593	8.604	10.900
	TOTAL OBS	836	762	837	809	837	809	835	837	810	837	809	837	9855
3-05	MEAN	27.1	26.7	30.5	31.4	38.6	45.5	48.7	49.2	46.3	40.0	33.3	28.4	37.2
	S.D.	8.186	7.201	8.005	6.834	6.480	6.434	5.123	5.697	6.028	6.383	7.551	8.735	10.802
	TOTAL OBS	837	762	837	810	837	810	837	837	810	837	810	836	9860
6-08	MEAN	26.8	26.4	30.3	31.6	39.4	46.6	49.6	49.7	46.2	39.6	33.2	28.4	37.4
	S.D.	8.374	7.124	7.854	6.734	6.342	6.120	4.883	5.510	5.914	6.558	7.668	8.720	11.023
	TOTAL OBS	835	762	836	810	837	810	837	837	810	837	810	834	9855
9-11	MEAN	27.[illegible]	26.8	31.6	33.1	41.0	47.8	50.7	51.1	48.1	41.2	33.9	28.2	38.4
	S.D.	8.304	6.731	7.808	6.731	6.673	6.267	5.022	5.481	6.019	6.549	7.648	8.549	11.344
	TOTAL OBS	837	762	837	810	837	809	837	837	810	837	810	835	9858
12-14	MEAN	28.0	27.9	32.2	33.2	41.1	48.0	50.7	51.1	48.5	42.1	34.8	29.[illegible]	38.9
	S.D.	7.802	6.754	8.220	7.064	6.958	6.334	5.159	5.609	6.354	6.729	7.565	8.228	11.148
	TOTAL OBS	837	762	836	810	836	810	837	837	809	837	808	837	9856
15-17	MEAN	28.0	28.0	32.1	32.8	40.8	47.8	50.3	50.8	48.3	42.0	34.5	28.8	38.7
	S.D.	7.576	6.699	8.477	7.149	6.890	6.337	5.120	5.664	6.100	6.842	7.639	8.344	11.085
	TOTAL OBS	835	762	837	809	837	810	837	837	810	837	810	836	9857
18-20	MEAN	27.4	27.5	31.5	32.4	40.3	47.3	50.1	50.2	47.7	41.0	33.8	28.4	38.2
	S.D.	7.949	6.609	8.387	7.116	6.910	6.403	5.133	5.560	6.063	6.811	7.572	8.262	11.102
	TOTAL OBS	837	762	836	809	836	808	837	837	810	837	810	837	9856
21-23	MEAN	27.1	27.0	31.2	32.0	39.5	46.3	49.5	49.4	46.9	40.4	33.4	28.2	37.6
	S.D.	8.008	6.770	8.271	7.107	6.755	6.388	5.216	5.622	6.043	6.751	7.618	8.301	10.953
	TOTAL OBS	837	762	837	810	837	810	837	837	810	836	809	837	9859
ALL HOURS	MEAN	27.3	27.1	31.3	32.3	40.0	46.9	49.9	50.1	47.4	40.8	33.8	28.5	38.0
	S.D.	8.054	6.872	8.152	7.008	6.740	6.408	5.161	5.648	6.127	6.690	7.621	8.469	11.062
	TOTAL OBS	6691	6096	6693	6477	6694	6476	6694	6696	6479	6695	6476	6689	78856

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
1 6163	HAHN AB DL	73-81	JAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

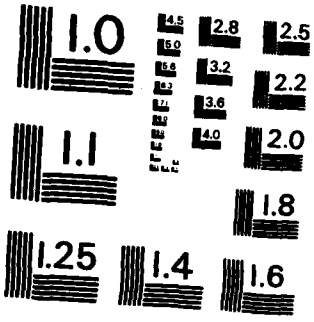
MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	98.9	92.7	65.4	21.1	83.0	836
	03-05	100.0	100.0	100.0	100.0	99.9	98.9	95.6	74.3	28.1	84.9	837
	06-08	100.0	100.0	100.0	100.0	99.9	99.0	94.3	69.0	28.0	84.3	835
	09-11	100.0	100.0	100.0	100.0	99.6	98.4	90.8	63.8	23.9	83.0	837
	12-14	100.0	100.0	100.0	99.8	99.3	97.5	85.7	56.4	20.8	81.1	837
	15-17	100.0	100.0	100.0	100.0	99.6	96.0	82.5	54.9	16.8	80.5	835
	18-20	100.0	100.0	100.0	99.9	99.9	98.1	87.8	60.3	18.2	81.7	837
	21-23	100.0	100.0	100.0	100.0	99.8	98.4	89.7	62.6	18.8	82.0	837
TOTALS		100.0	100.0	100.0	100.0	99.8	98.2	89.9	63.3	22.0	82.6	6691

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

AD-A122 718 HAHN AB GERMANY (WEST) REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 09 AUG 82 5/5

UNCLASSIFIED USAFETAC/DS-82/049 SBI-AD-E890 208 F/G 4/2 NL

END



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
1[illegible]616C	HAHN AB DL	73-81	FEB

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	99.7	96.5	79.1	53.9	13.5	79.4	762
	03-05	100.0	100.0	100.0	100.0	99.7	97.2	84.6	60.5	21.7	81.6	762
	06-08	100.0	100.0	100.0	100.0	99.6	97.2	85.6	61.9	18.2	81.6	762
	09-11	100.0	100.0	100.0	100.0	99.3	95.1	79.9	52.8	10.5	79.3	762
	12-14	100.0	100.0	100.0	99.0	95.0	85.7	64.4	38.2	9.2	74.7	762
	15-17	100.0	100.0	100.0	98.2	92.7	82.2	57.9	34.8	8.8	73.0	762
	18-20	100.0	100.0	100.0	100.0	97.8	88.7	69.9	42.7	9.7	76.4	762
	21-23	100.0	100.0	100.0	100.0	98.8	92.5	74.5	49.1	11.2	78.0	762
TOTALS		100.0	100.0	100.0	99.7	97.8	91.9	74.5	49.2	12.9	78.0	6096

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
16160	HAHN AB DL	73-81	MAR

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	99.5	97.1	90.7	68.3	35.4	11.4	75.9	837
	03-05	100.0	100.0	100.0	99.8	98.3	94.9	76.5	46.7	14.1	78.6	837
	06-08	100.0	100.0	100.0	99.9	99.4	97.5	79.9	46.2	15.2	79.5	836
	09-11	100.0	100.0	100.0	99.2	9[illegible].6	91.3	65.2	34.4	11.8	75.9	837
	12-14	100.0	100.0	99.2	96.7	89.6	70.8	42.6	23.6	6.7	68.6	836
	15-17	100.0	100.0	98.3	94.5	84.2	62.8	36.9	18.3	5.0	65.9	837
	18-20	100.0	100.0	99.8	97.1	92.0	76.7	48.9	22.6	6.8	70.1	836
	21-23	100.0	100.0	100.0	98.9	95.2	86.0	63.3	29.5	9.0	73.9	837
TOTALS		100.0	100.0	99.7	98.2	94.2	83.8	60.2	32.1	10.0	73.6	6693

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
106160	HAHN AB DL	73-81	APR

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	100.0	99.5	89.1	73.1	53.0	27.2	5.8	70.6	809
	03-05	100.0	100.0	100.0	99.9	95.9	82.5	64.8	38.3	8.4	74.7	810
	06-08	100.0	100.0	100.0	99.8	96.5	84.6	66.0	40.9	7.4	75.1	810
	09-11	100.0	100.0	100.0	97.3	85.7	67.3	44.8	22.6	5.4	68.0	810
	12-14	100.0	100.0	99.4	88.0	64.3	45.7	28.0	13.0	2.8	59.9	810
	15-17	100.0	100.0	97.5	81.1	57.0	39.8	26.7	13.5	3.1	57.4	809
	18-20	100.0	100.0	99.1	88.1	68.0	50.9	32.9	17.6	3.7	61.7	809
	21-23	100.0	100.0	100.0	97.0	81.5	64.8	42.3	23.5	4.4	67.2	810
TOTALS		100.0	100.0	99.5	93.8	79.8	63.6	44.8	24.6	5.1	66.8	6477

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
16160	HAHN AB DL	73-81	MAY

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%		
MAY	00-02	100.0	100.0	100.0	99.8	93.2	78.1	56.8	24.4	6.3	71.3	837
	03-05	100.0	100.0	100.0	100.0	98.6	88.2	66.4	36.9	7.8	75.4	837
	06-08	100.0	100.0	100.0	99.9	97.0	84.5	62.4	29.2	7.9	73.5	837
	09-11	100.0	100.0	100.0	97.1	83.9	62.6	38.8	14.2	2.9	65.5	837
	12-14	100.0	100.0	99.4	86.7	66.3	41.9	23.6	8.1	2.2	58.3	836
	15-17	100.0	100.0	97.6	79.9	57.9	36.9	19.1	7.2	2.0	55.6	837
	18-20	100.0	100.0	99.4	86.1	66.6	44.0	27.0	10.4	3.2	59.3	836
	21-23	100.0	100.0	100.0	96.7	84.1	65.6	44.4	17.9	4.8	66.7	837
TOTALS		100.0	100.0	99.6	93.3	81.0	62.7	42.3	18.5	4.6	65.7	6694

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
106160	HAHN AB DL	73-81	JUN

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	98.4	93.9	85.0	66.7	31.0	7.8	73.8	809
	03-05	100.0	100.0	100.0	99.6	96.5	88.4	73.0	43.1	12.3	76.8	810
	06-08	100.0	100.0	100.0	99.5	95.1	87.0	71.4	37.3	12.0	75.9	810
	09-11	100.0	100.0	99.5	95.1	87.8	70.0	46.4	18.5	5.8	67.8	809
	12-14	100.0	100.0	97.8	90.7	76.8	50.5	27.7	11.1	2.8	61.1	810
	15-17	100.0	99.9	96.7	86.9	69.3	45.7	28.8	9.1	2.7	59.4	810
	18-20	100.0	100.0	97.2	91.0	77.7	55.9	37.0	13.4	5.0	63.0	808
	21-23	100.0	100.0	99.6	95.2	89.3	75.9	57.0	22.6	7.0	70.1	810
TOTALS		100.0	100.0	98.9	94.6	85.8	69.8	51.0	23.3	6.9	68.5	6476

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
16160	HAHN AB DL	73-81	JUL

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%		
JUL	00-02	100.0	100.0	99.6	97.6	95.7	87.3	69.0	40.0	14.9	75.7	835
	03-05	100.0	100.0	99.8	98.7	97.4	93.8	78.7	48.9	19.2	79.2	837
	06-08	100.0	100.0	100.0	98.3	97.1	91.9	77.1	45.6	18.4	78.5	837
	09-11	100.0	100.0	98.6	96.8	92.1	74.0	50.1	25.7	11.0	70.3	837
	12-14	100.0	99.6	97.6	93.5	77.4	51.4	31.9	14.8	3.9	62.5	837
	15-17	100.0	98.8	96.8	90.3	69.1	44.4	27.1	11.2	3.1	59.8	837
	18-20	100.0	99.5	97.0	93.3	79.8	55.2	35.6	16.6	5.3	63.9	837
	21-23	100.0	100.0	98.7	96.8	92.4	77.3	56.5	29.3	9.6	71.5	837
TOTALS		100.0	99.7	98.5	95.7	87.6	71.9	53.3	29.0	10.7	70.2	6694

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
106160	HAHN AB DL	73-81	AUG

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	00-02	100.0	100.0	100.0	99.8	97.6	83.2	68.2	33.1	8.4	74.6	837
	03-05	100.0	100.0	100.0	100.0	99.0	90.9	79.7	45.3	13.0	78.6	837
	06-08	100.0	100.0	100.0	99.6	98.8	92.1	77.7	41.1	15.7	78.0	837
	09-11	100.0	100.0	99.6	98.1	89.5	72.3	49.2	19.7	5.1	68.8	837
	12-14	100.0	99.9	98.8	90.6	73.7	49.5	26.9	9.8	2.6	60.7	837
	15-17	100.0	100.0	96.8	86.7	66.8	44.0	25.0	7.9	2.0	58.4	837
	18-20	100.0	100.0	98.4	90.8	78.1	56.5	35.2	11.6	2.9	63.1	837
	21-23	100.0	100.0	99.9	97.5	91.5	73.2	55.1	20.7	5.9	70.0	837
TOTALS		100.0	100.0	99.2	95.4	86.9	70.2	52.1	23.7	7.0	69.0	6696

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
1.6160	HAHN AB DL	73-81	SEP

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%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	96.0	85.6	47.8	16.2	80.1	810
	03-05	100.0	100.0	100.0	100.0	99.9	99.0	92.3	66.5	23.5	83.8	810
	06-08	100.0	100.0	100.0	100.0	99.6	97.4	89.4	59.5	22.5	82.6	810
	09-11	100.0	100.0	100.0	99.9	96.7	85.4	67.8	32.3	10.0	74.8	810
	12-14	100.0	100.0	100.0	98.0	87.5	65.4	39.4	17.4	5.7	66.7	809
	15-17	100.0	100.0	100.0	97.3	82.8	61.1	33.2	13.3	4.6	64.6	810
	18-20	100.0	100.0	100.0	99.5	93.7	79.3	55.9	23.1	7.7	71.3	810
	21-23	100.0	100.0	100.0	100.0	99.3	92.0	74.4	35.9	12.1	76.9	810
TOTALS		100.0	100.0	100.0	99.3	94.9	84.5	67.3	37.0	12.8	75.1	6479

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
106160	HAHN AB DL	73-81	OCT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.8	98.9	91.3	71.0	31.3	84.8	837
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	95.9	80.6	40.3	87.2	837
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	96.9	79.9	37.6	86.9	837
	09-11	100.0	100.0	100.0	100.0	99.4	97.7	90.2	65.2	27.2	83.5	837
	12-14	100.0	100.0	100.0	99.5	97.5	90.1	71.7	41.3	16.7	77.1	837
	15-17	100.0	100.0	100.0	99.2	96.9	86.9	69.1	38.4	14.1	75.8	837
	18-20	100.0	100.0	100.0	99.4	98.9	94.9	82.8	52.2	21.3	80.4	837
	21-23	100.0	100.0	100.0	100.0	99.4	97.5	88.5	62.7	24.3	82.8	836
TOTALS		100.0	100.0	100.0	99.8	99.0	95.6	85.8	61.4	26.6	82.3	6695

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
1[illegible]6160	HAHN AB DL	73-81	NOV

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%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	99.0	93.3	71.2	33.7	85.1	809
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	95.4	80.2	41.4	87.0	810
	06-08	100.0	100.0	100.0	100.0	100.0	99.1	95.4	79.0	42.1	87.0	810
	09-11	100.0	100.0	100.0	100.0	100.0	98.9	92.6	71.5	30.2	84.7	810
	12-14	100.0	100.0	100.0	100.0	100.0	96.9	81.7	56.1	20.4	81.1	808
	15-17	100.0	100.0	100.0	100.0	99.3	95.4	79.5	55.1	18.8	80.4	810
	18-20	100.0	100.0	100.0	100.0	99.9	98.0	88.0	62.3	24.8	82.9	810
	21-23	100.0	100.0	100.0	100.0	100.0	99.1	90.6	66.1	30.8	84.0	809
TOTALS		100.0	100.0	100.0	100.0	99.9	98.2	89.6	67.7	30.3	84.0	6476

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
106160	HAHN AB DL	73-81	DEC

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	99.3	98.1	90.2	65.1	21.9	82.6	837
	03-05	100.0	100.0	100.0	100.0	99.5	98.6	91.6	67.9	25.7	83.8	836
	06-08	100.0	100.0	100.0	100.0	99.5	98.7	92.1	67.6	24.2	83.6	834
	09-11	100.0	100.0	100.0	100.0	99.3	97.1	88.9	61.1	20.6	81.9	835
	12-14	100.0	100.0	100.0	99.9	99.2	95.8	84.0	54.8	16.7	80.4	837
	15-17	100.0	100.0	100.0	99.6	99.0	95.5	82.9	54.4	19.0	80.4	836
	18-20	100.0	100.0	99.9	99.6	99.4	97.5	88.3	59.6	17.9	81.6	837
	21-23	100.0	100.0	100.0	99.9	99.5	97.8	90.8	62.2	20.9	82.4	837
TOTALS		100.0	100.0	100.0	99.8	99.3	97.4	88.6	61.6	20.9	82.1	6689

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
1 6160	HAHN AB DL	73-81	ALL

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	99.8	98.2	89.9	63.3	22.0	82.6	6691
FEB		100.0	100.0	100.0	99.7	97.8	91.9	74.5	49.2	12.9	78.0	6096
MAR		100.0	100.0	99.7	98.2	94.2	83.8	60.2	32.1	10.0	73.6	6693
APR		100.0	100.0	99.5	93.8	79.8	63.6	44.8	24.6	5.1	66.8	6477
MAY		100.0	100.0	99.6	93.3	81.0	62.7	42.3	18.5	4.6	65.7	6694
JUN		100.0	100.0	98.9	94.6	85.8	69.8	51.0	23.3	6.9	68.5	6476
JUL		100.0	99.7	98.5	95.7	87.6	71.9	53.3	29.0	10.7	70.2	6694
AUG		100.0	100.0	99.2	95.4	86.9	70.2	52.1	23.7	7.0	69.0	6696
SEP		100.0	100.0	100.0	99.3	94.9	84.5	67.3	37.0	12.8	75.1	6479
OCT		100.0	100.0	100.0	99.8	99.0	95.6	85.8	61.4	26.6	82.3	6695
NOV		100.0	100.0	100.0	100.0	99.9	98.2	89.6	67.7	30.3	84.0	6476
DEC		100.0	100.0	100.0	99.8	99.3	97.4	88.6	61.6	20.9	82.1	6689
TOTALS		100.0	100.0	99.6	97.5	92.2	82.3	66.6	41.0	14.2	74.8	78856

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PART F PRESSURE SUMMARY

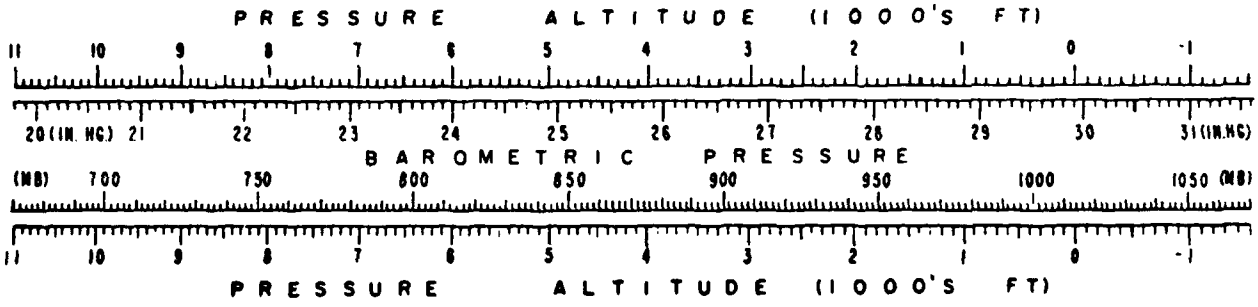
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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 [redacted] 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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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

10160 HAHN AB DL 73-81

STATION | STATION NAME | YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
	MEAN	28.232	28.193	28.174	28.211	28.225	28.283	28.279	28.311	28.308	28.226	28.276	28.169	28.241
[illegible]	S. D.	.317	.330	.269	.194	.186	.156	.142	.140	.189	.263	.281	.365	.251
	TOTAL OBS	278	254	279	269	279	269	279	279	270	279	270	279	3284
	MEAN	28.227	28.180	28.161	28.195	28.214	28.273	28.265	28.298	28.295	28.210	28.268	28.161	28.229
4	S. D.	.313	.332	.268	.199	.191	.157	.143	.141	.191	.267	.280	.367	.252
	TOTAL OBS	279	254	279	270	279	270	279	279	270	278	270	279	3286
	MEAN	28.223	28.182	28.166	28.202	28.223	28.283	28.272	28.303	28.300	28.219	28.267	28.157	28.233
7	S. D.	.313	.333	.269	.202	.193	.160	.146	.143	.193	.274	.281	.369	.254
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
	MEAN	28.241	28.201	28.180	28.214	28.234	28.293	28.282	28.316	28.316	28.231	28.285	28.173	28.247
	S. D.	.311	.337	.269	.205	.193	.160	.147	.144	.194	.272	.281	.366	.255
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
	MEAN	28.231	28.199	28.176	28.204	28.227	28.287	28.277	28.314	28.310	28.226	28.274	28.166	28.241
1[illegible]	S. D.	.312	.334	.266	.201	.190	.157	.146	.141	.193	.269	.280	.367	.253
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	269	279	3286
	MEAN	28.221	28.186	28.158	28.189	28.214	28.275	28.265	28.300	28.295	28.215	28.262	28.159	28.228
6	S. D.	.315	.329	.260	.197	.185	.154	.145	.139	.191	.265	.279	.363	.250
	TOTAL OBS	278	254	279	270	279	270	279	279	270	279	268	279	3284
	MEAN	28.231	28.198	28.165	28.191	28.214	28.271	28.260	28.297	28.302	28.229	28.272	28.169	28.233
9	S. D.	.317	.328	.261	.195	.181	.153	.143	.135	.191	.261	.285	.362	.249
	TOTAL OBS	279	254	279	269	279	269	279	279	270	279	270	279	3285
	MEAN	28.234	28.202	28.173	28.211	28.233	28.290	28.277	28.315	28.312	28.237	28.275	28.176	28.245
[illegible]2	S. D.	.318	.330	.262	.196	.183	.154	.142	.138	.189	.263	.289	.362	.251
	TOTAL OBS	279	254	279	270	279	270	279	279	270	278	270	279	3286
ALL HOURS	MEAN	28.230	28.193	28.169	28.202	28.223	28.282	28.272	28.307	28.305	28.224	28.272	28.166	28.237
	S. D.	.314	.331	.265	.199	.188	.156	.144	.140	.191	.267	.282	.365	.252
	TOTAL OBS	2230	2032	2232	2158	2232	2158	2232	2232	2160	2238	2157	2232	26285

USAF ETAC FORM AR 24 0-89-5 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

1[illegible]6160 HAHN AB DL

STATION STATION NAME YEARS

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ANNUAL
01	MEAN													
	S. D.													
	TOTAL OBS													
4	MEAN													
	S. D.													
	TOTAL OBS													
7	MEAN					DATA NOT AVAILABLE								
	S. D.													
	TOTAL OBS													
0	MEAN													
	S. D.													
	TOTAL OBS													
13	MEAN													
	S. D.													
	TOTAL OBS													
6	MEAN													
	S. D.													
	TOTAL OBS													
9	MEAN													
	S. D.													
	TOTAL OBS													
2	MEAN													
	S. D.													
	TOTAL OBS													
ALL HOURS	MEAN													
	S. D.													
	TOTAL OBS													

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

END

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